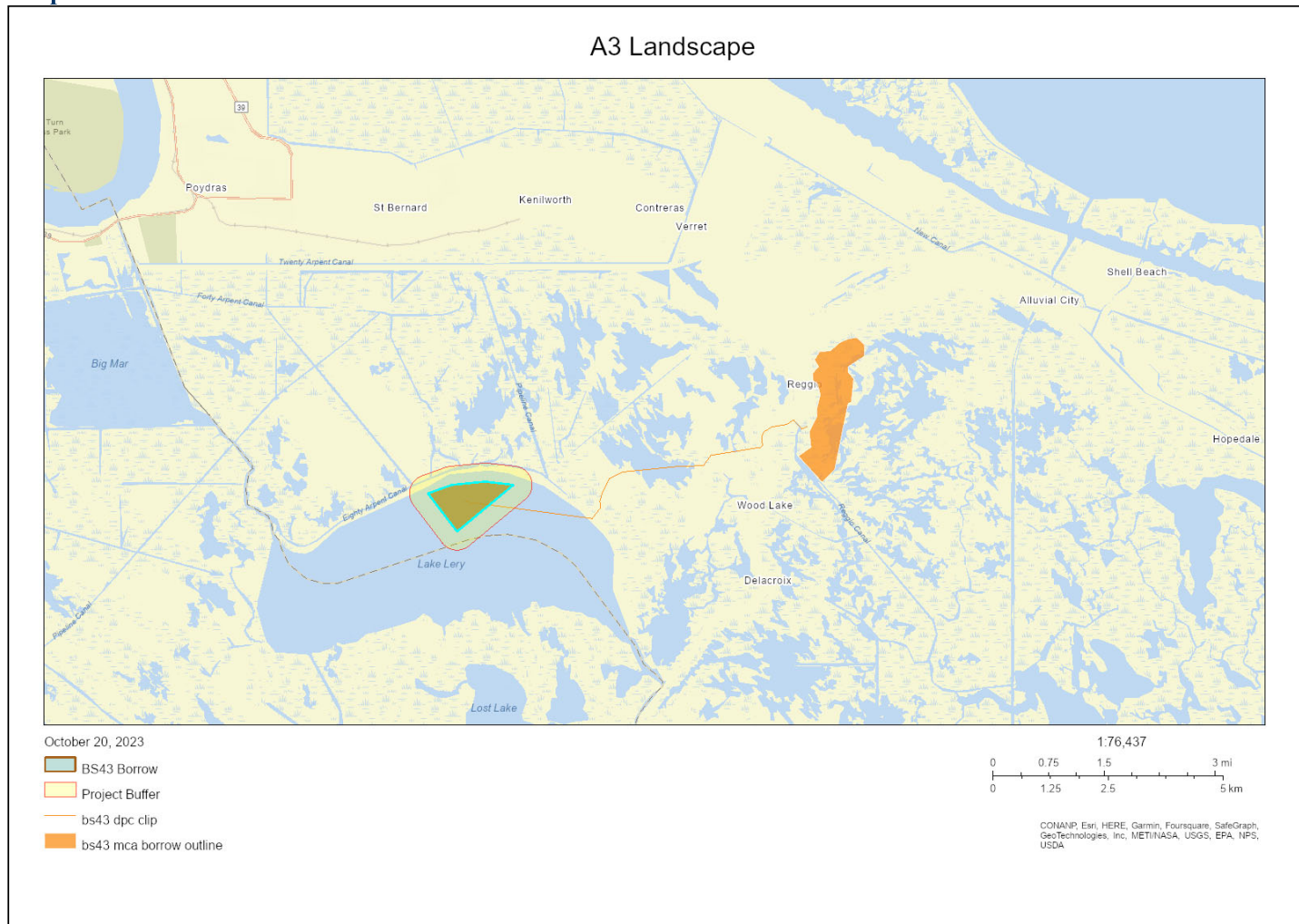


Appendix A: NEPAssist and EJScreen results

Shapefiles of the MCA, DPC, and borrow were uploaded into NEPAssist and EJSCREEN combined with a 0.50 mi buffer.

BS43 Borrow

Map



Geographic coordinates:




POLYGON (29.810184,-89.839065,29.811860,-89.833666,29.812491,-89.826165,29.811860,-89.819814,29.802748,-89.832517,29.810184,-89.839065) with buffer 0.5 miles

Note: The information in the following reports is based on publicly available databases and web services. The National Report uses nationally available datasets and the State Reports use datasets available through the EPA Regions. Click on the hyperlinked question to view the data source and associated metadata.

National Report

Project Area	0.38 sq mi
Within 0.5 miles of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	yes
Within 0.5 miles of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a Federal Land?	no
Within 0.5 miles of an impaired stream?	no
Within 0.5 miles of an impaired waterbody?	yes

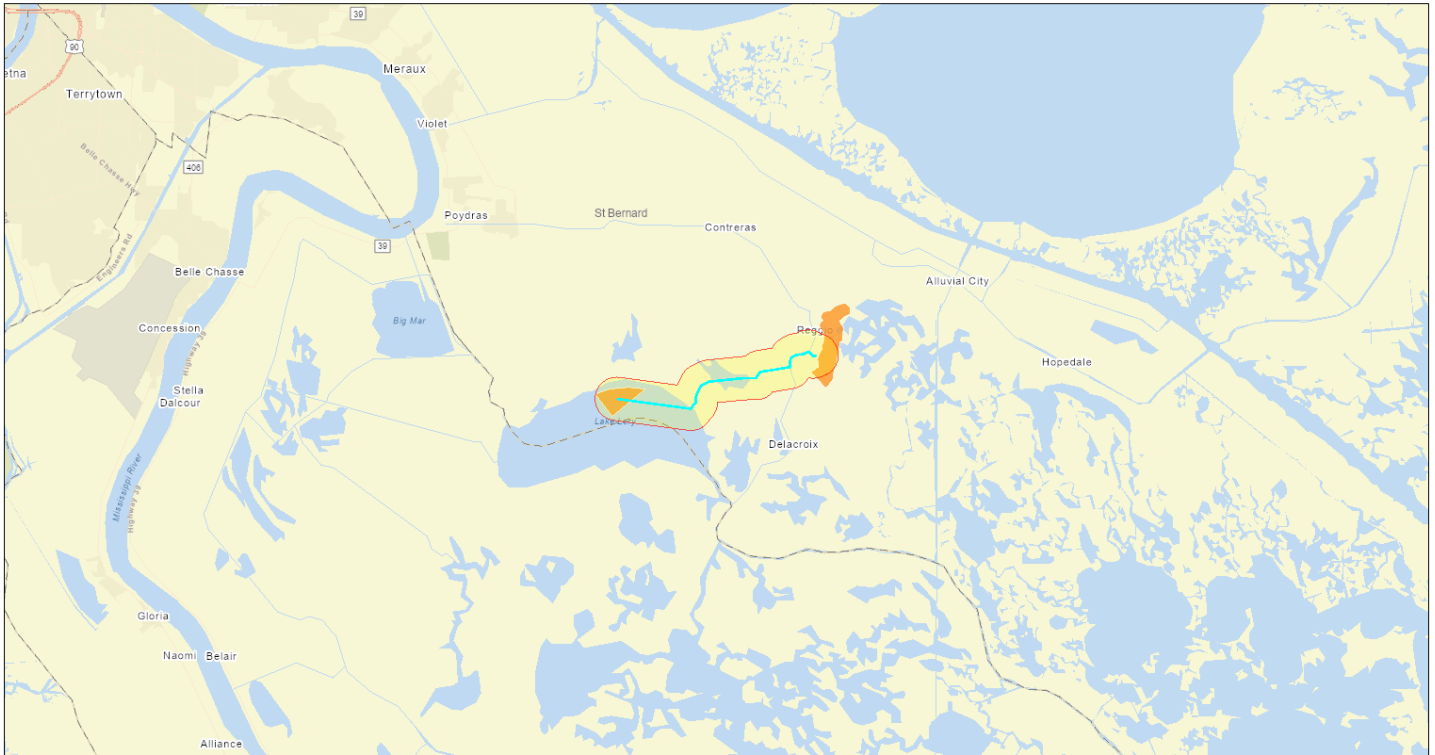
Within 0.5 miles of a waterbody?	yes
Within 0.5 miles of a stream?	yes
Within 0.5 miles of an NWI wetland?	click here May take several minutes
Within 0.5 miles of a Brownfields site?	no
Within 0.5 miles of a Superfund site?	no
Within 0.5 miles of a Toxic Release Inventory (TRI) site?	no
Within 0.5 miles of a water discharger (NPDES)?	no
Within 0.5 miles of a hazardous waste (RCRA) facility?	no
Within 0.5 miles of an air emission facility?	no
Within 0.5 miles of a school?	no
Within 0.5 miles of an airport?	no
Within 0.5 miles of a hospital?	no
Within 0.5 miles of a designated sole source aquifer?	no
Within 0.5 miles of a historic property on the National Register of Historic Places?	no
Within 0.5 miles of a Toxic Substances Control Act (TSCA) site?	no
Within 0.5 miles of a Land Cession Boundary?	no
Within 0.5 miles of a tribal area (lower 48 states)?	no
Within 0.5 miles of the service area of a mitigation or conservation bank?	yes
Within 0.5 miles of the service area of an In-Lieu-Fee Program?	yes
Within 0.5 miles of a Public Property Boundary of the Formerly Used Defense Sites?	no
Within 0.5 miles of a Munitions Response Site?	no
Within 0.5 miles of an Essential Fish Habitat (EFH)?	no
Within 0.5 miles of a Habitat Area of Particular Concern (HAPC)?	no
Within 0.5 miles of an EFH Area Protected from Fishing (EFHA)?	yes
Within 0.5 miles of a Bureau of Land Management Area of Critical Environmental Concern?	no
Within 0.5 miles of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
Within 0.5 miles of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no

Louisiana Report 
Demographic Reports 
USFWS IPaC Report 

NEPAssist Report

BS43 DPC

A3 Landscape



October 20, 2023

- Project Buffer
- BS43 DPC
- bs43 dpc clip
- bs43 mca borrow outline

1:152,875
 0 1.5 3 6 mi
 0 2.5 5 10 km
 CONAN/P, Esri, HERE, Garmin, Foursquare, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA

Input Coordinates: 29.808594,-89.830801,29.805289,-89.802145,29.806294,-89.801417,29.807331,-89.800258,29.808718,-89.800402,29.810519,-89.799746,29.813099,-89.798273,29.814362,-89.795272,29.815538,-89.781888,29.815562,-89.777073,29.817604,-89.775456,29.819209,-89.764074,29.819576,-89.763777,29.820511,-89.764002,29.821532,-89.763858,29.822202,-89.763499,29.822748,-89.762762,29.823176,-89.761675,29.823387,-89.760795,29.823465,-89.759331,29.823644,-89.758397,29.824423,-89.756968,29.824400,-89.756690,29.822763,-89.754992,29.823231,-89.753635

Length of digitized line	5.41 mi
Within 0.5 miles of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	yes
Within 0.5 miles of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a Federal Land?	no
Within 0.5 miles of an impaired stream?	yes
Within 0.5 miles of an impaired waterbody?	yes
Within 0.5 miles of a waterbody?	yes
Within 0.5 miles of a stream?	yes
Within 0.5 miles of an NWI wetland?	Available Online
Within 0.5 miles of a Brownfields site?	no
Within 0.5 miles of a Superfund site?	no

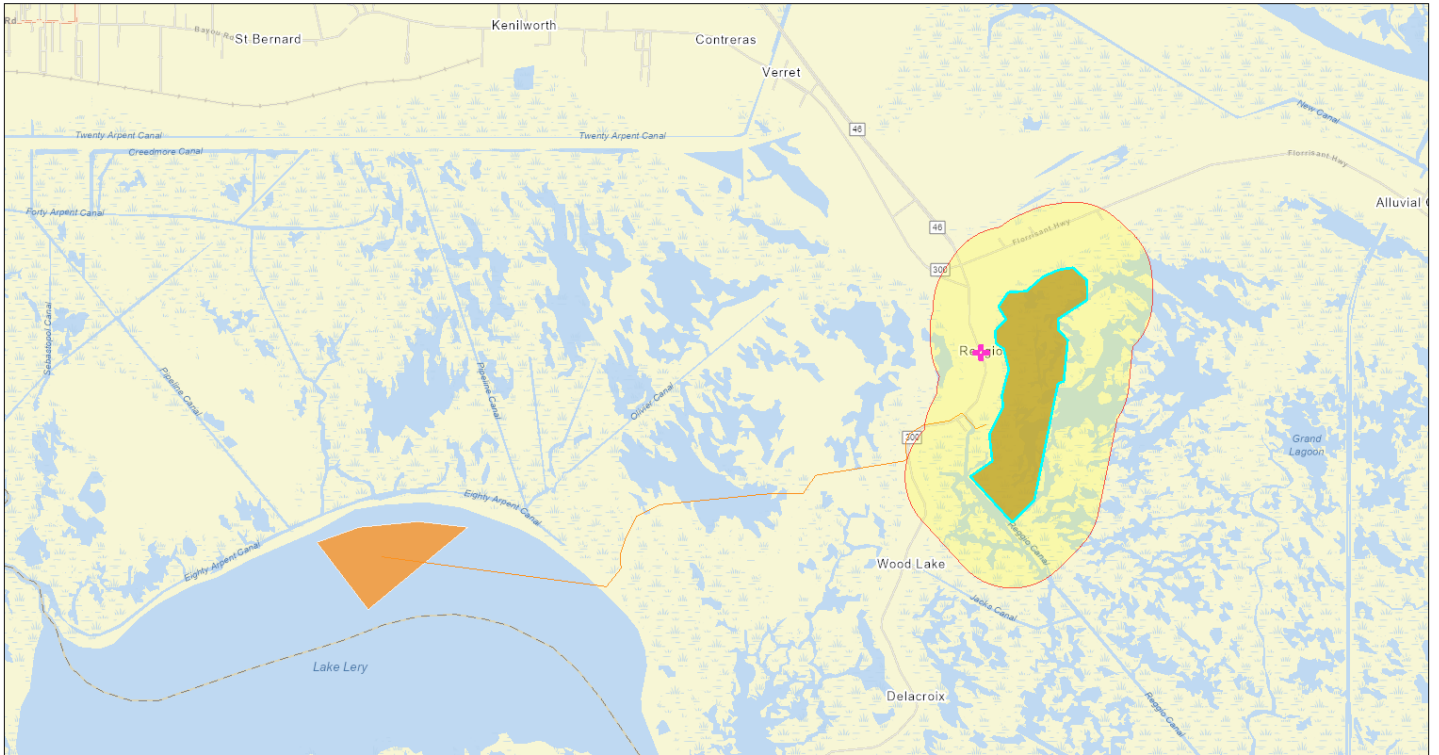
Within 0.5 miles of a Toxic Release Inventory (TRI) site?	no
Within 0.5 miles of a water discharger (NPDES)?	no
Within 0.5 miles of a hazardous waste (RCRA) facility?	no
Within 0.5 miles of an air emission facility?	no
Within 0.5 miles of a school?	no
Within 0.5 miles of an airport?	no
Within 0.5 miles of a hospital?	no
Within 0.5 miles of a designated sole source aquifer?	no
Within 0.5 miles of a historic property on the National Register of Historic Places?	no
Within 0.5 miles of a Toxic Substances Control Act (TSCA) site?	no
Within 0.5 miles of a Land Cession Boundary?	no
Within 0.5 miles of a tribal area (lower 48 states)?	no
Within 0.5 miles of the service area of a mitigation or conservation bank?	yes
Within 0.5 miles of the service area of an In-Lieu-Fee Program?	yes
Within 0.5 miles of a Public Property Boundary of the Formerly Used Defense Sites?	no
Within 0.5 miles of a Munitions Response Site?	no
Within 0.5 miles of an Essential Fish Habitat (EFH)?	no
Within 0.5 miles of a Habitat Area of Particular Concern (HAPC)?	no
Within 0.5 miles of an EFH Area Protected from Fishing (EFHA)?	yes
Within 0.5 miles of a Bureau of Land Management Area of Critical Environmental Concern?	no
Within 0.5 miles of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
Within 0.5 miles of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no

Created on: 10/20/2023 10:47:42 AM

NEPAssist Report

BS43_MCA_NEPAssist

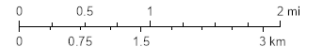
A3 Landscape



October 20, 2023

- Project Buffer
- BS43_MCA_NEPAssist
- bs43 dpc clip
- bs43 mca borrow outline
- Search Result (point)

1:50,552



CONANIP, Esri, HERE, Garmin, FourSquare, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA

Input Coordinates: 29.837991,-89.748542,29.839611,-89.746422,29.840344,-89.744446,29.840593,-89.742631,29.839167,-89.740843,29.837009,-89.740808,29.834905,-89.744527,29.833736,-89.744500,29.832575,-89.743296,29.828016,-89.743799,29.827743,-89.744554,29.814860,-89.747554,29.812390,-89.750393,29.817479,-89.755729,29.819178,-89.752908,29.822132,-89.753294,29.825218,-89.751542,29.826434,-89.751686,29.829395,-89.750815,29.831616,-89.751480,29.832209,-89.752450,29.833603,-89.752558,29.834881,-89.751174,29.836245,-89.752126,29.837858,-89.750896,29.837991,-89.748542

Project Area	0.81 sq mi
Within 0.5 miles of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	yes
Within 0.5 miles of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a Federal Land?	no
Within 0.5 miles of an impaired stream?	yes
Within 0.5 miles of an impaired waterbody?	yes
Within 0.5 miles of a waterbody?	yes
Within 0.5 miles of a stream?	yes
Within 0.5 miles of an NWI wetland?	Available Online
Within 0.5 miles of a Brownfields site?	no
Within 0.5 miles of a Superfund site?	no

Within 0.5 miles of a Toxic Release Inventory (TRI) site?	no
Within 0.5 miles of a water discharger (NPDES)?	no
Within 0.5 miles of a hazardous waste (RCRA) facility?	no
Within 0.5 miles of an air emission facility?	no
Within 0.5 miles of a school?	no
Within 0.5 miles of an airport?	no
Within 0.5 miles of a hospital?	no
Within 0.5 miles of a designated sole source aquifer?	no
Within 0.5 miles of a historic property on the National Register of Historic Places?	no
Within 0.5 miles of a Toxic Substances Control Act (TSCA) site?	no
Within 0.5 miles of a Land Cession Boundary?	no
Within 0.5 miles of a tribal area (lower 48 states)?	no
Within 0.5 miles of the service area of a mitigation or conservation bank?	yes
Within 0.5 miles of the service area of an In-Lieu-Fee Program?	yes
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Within 0.5 miles of an Essential Fish Habitat (EFH)?	no
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Within 0.5 miles of a Bureau of Land Management Area of Critical Environmental Concern?	no
Within 0.5 miles of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
Within 0.5 miles of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no

Created on: 10/20/2023 9:31:47 AM



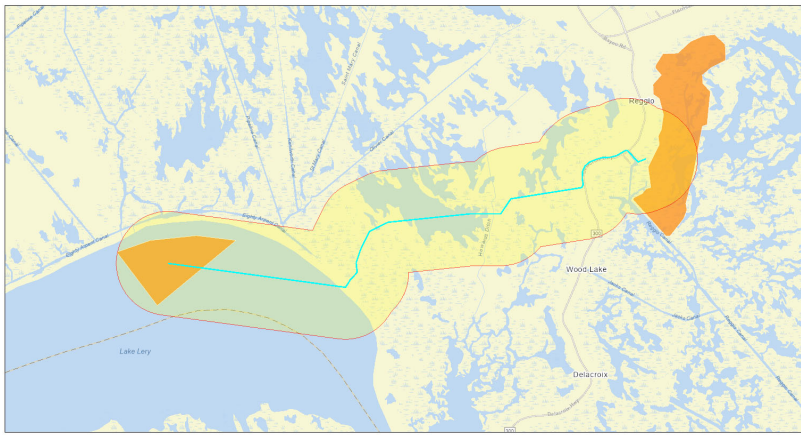
EJScreen Community Report

This report provides environmental and socioeconomic information for user-defined areas, and combines that data into environmental justice and supplemental indexes.

St. Bernard Parish, LA

.50 miles Ring around the Corridor
 Population: 2
 Area in square miles: 6.06

A3 Landscape



October 26, 2023
 BS43
 bs43 dpc clip
 bs43 mca borrow outline
 0 0.4 0.8 1.6 mi
 0 0.5 1 2 km
CSDE&P, Esri, HERE, DeLorme, Farpoint, Swire, Garmin, Bing, OpenStreetMap, Mapbox, Aeriatech, IGN, Intermap, Inc., Swire, EPA, NOAA, US Census Bureau, USDA

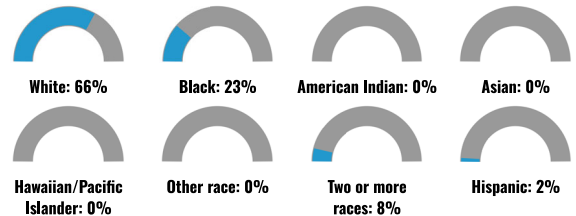
LANGUAGES SPOKEN AT HOME

LANGUAGE	PERCENT
No language data available.	

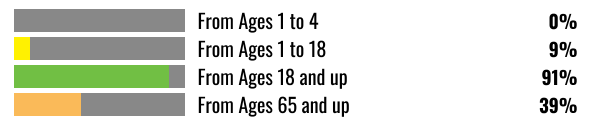
COMMUNITY INFORMATION



BREAKDOWN BY RACE



BREAKDOWN BY AGE



LIMITED ENGLISH SPEAKING BREAKDOWN



Notes: Numbers may not sum to totals due to rounding. Hispanic population can be of any race. Source: U.S. Census Bureau, American Community Survey (ACS) 2017-2021. Life expectancy data comes from the Centers for Disease Control.

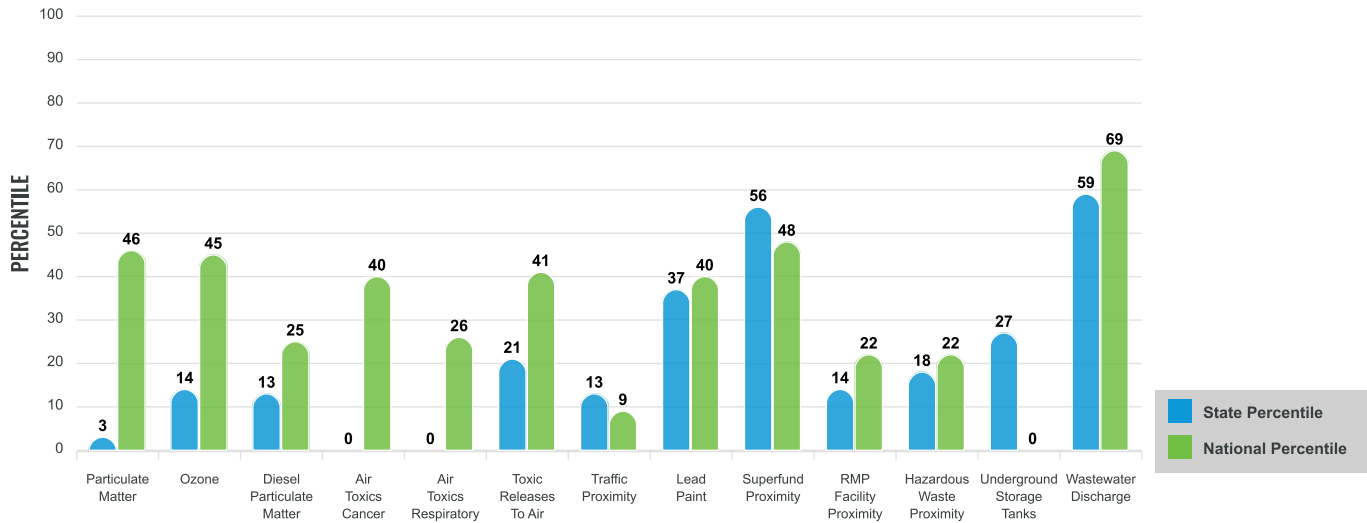
Environmental Justice & Supplemental Indexes

The environmental justice and supplemental indexes are a combination of environmental and socioeconomic information. There are thirteen EJ indexes and supplemental indexes in EJScreen reflecting the 13 environmental indicators. The indexes for a selected area are compared to those for all other locations in the state or nation. For more information and calculation details on the EJ and supplemental indexes, please visit the [EJScreen website](#).

EJ INDEXES

The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator.

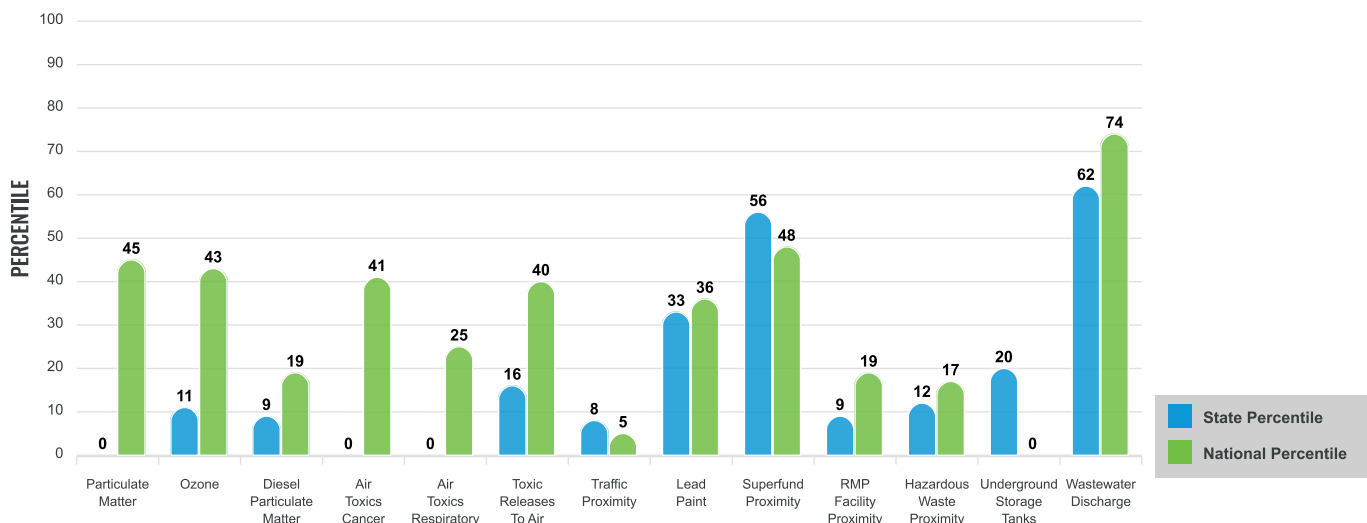
EJ INDEXES FOR THE SELECTED LOCATION



SUPPLEMENTAL INDEXES

The supplemental indexes offer a different perspective on community-level vulnerability. They combine data on percent low-income, percent linguistically isolated, percent less than high school education, percent unemployed, and low life expectancy with a single environmental indicator.

SUPPLEMENTAL INDEXES FOR THE SELECTED LOCATION



These percentiles provide perspective on how the selected block group or buffer area compares to the entire state or nation.

Report for .50 miles Ring around the Corridor

EJScreen Environmental and Socioeconomic Indicators Data

SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
POLLUTION AND SOURCES					
Particulate Matter (µg/m ³)	7.3	8.62	1	8.08	27
Ozone (ppb)	58.2	59.8	8	61.6	25
Diesel Particulate Matter (µg/m ³)	0.0839	0.247	7	0.261	11
Air Toxics Cancer Risk* (lifetime risk per million)	20	32	0	25	5
Air Toxics Respiratory HI*	0.2	0.38	0	0.31	4
Toxic Releases to Air	92	15,000	12	4,600	23
Traffic Proximity (daily traffic count/distance to road)	0.83	86	6	210	3
Lead Paint (% Pre-1960 Housing)	0.035	0.22	25	0.3	22
Superfund Proximity (site count/km distance)	0.029	0.076	43	0.13	27
RMP Facility Proximity (facility count/km distance)	0.049	0.62	7	0.43	10
Hazardous Waste Proximity (facility count/km distance)	0.049	1.1	9	1.9	9
Underground Storage Tanks (count/km ²)	0.0073	2.2	14	3.9	0
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.0022	49	50	22	55
SOCIOECONOMIC INDICATORS					
Demographic Index	40%	41%	54	35%	64
Supplemental Demographic Index	18%	17%	58	14%	73
People of Color	34%	43%	47	39%	53
Low Income	46%	40%	60	31%	77
Unemployment Rate	0%	7%	0	6%	0
Limited English Speaking Households	0%	2%	0	5%	0
Less Than High School Education	26%	15%	83	12%	88
Under Age 5	0%	6%	0	6%	0
Over Age 64	39%	17%	96	17%	95
Low Life Expectancy	N/A	22%	N/A	20%	N/A

*Diesel particulate matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. Cancer risks and hazard indices from the Air Toxics Data Update are reported to one significant figure and any additional significant figures here are due to rounding. More information on the Air Toxics Data Update can be found at: <https://www.epa.gov/haps/air-toxics-data-update>.

Sites reporting to EPA within defined area:

Superfund	0
Hazardous Waste, Treatment, Storage, and Disposal Facilities	0
Water Dischargers	0
Air Pollution	0
Brownfields	0
Toxic Release Inventory	0

Other community features within defined area:

Schools	0
Hospitals	0
Places of Worship	0

Other environmental data:

Air Non-attainment	Yes
Impaired Waters	Yes

Selected location contains American Indian Reservation Lands*	No
Selected location contains a "Justice40 (CEJST)" disadvantaged community	Yes
Selected location contains an EPA IRA disadvantaged community	Yes

Report for .50 miles Ring around the Corridor

EJScreen Environmental and Socioeconomic Indicators Data

HEALTH INDICATORS					
INDICATOR	HEALTH VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	N/A	22%	N/A	20%	N/A
Heart Disease	9.7	7	93	6.1	96
Asthma	9.1	9.9	31	10	27
Cancer	7.1	5.9	89	6.1	72
Persons with Disabilities	16.3%	15.9%	57	13.4%	72

CLIMATE INDICATORS					
INDICATOR	HEALTH VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	88%	25%	94	12%	98
Wildfire Risk	0%	7%	0	14%	0

CRITICAL SERVICE GAPS					
INDICATOR	HEALTH VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	26%	20%	68	14%	84
Lack of Health Insurance	4%	8%	19	9%	30
Housing Burden	No	N/A	N/A	N/A	N/A
Transportation Access	Yes	N/A	N/A	N/A	N/A
Food Desert	Yes	N/A	N/A	N/A	N/A

Footnotes

Report for .50 miles Ring around the Corridor

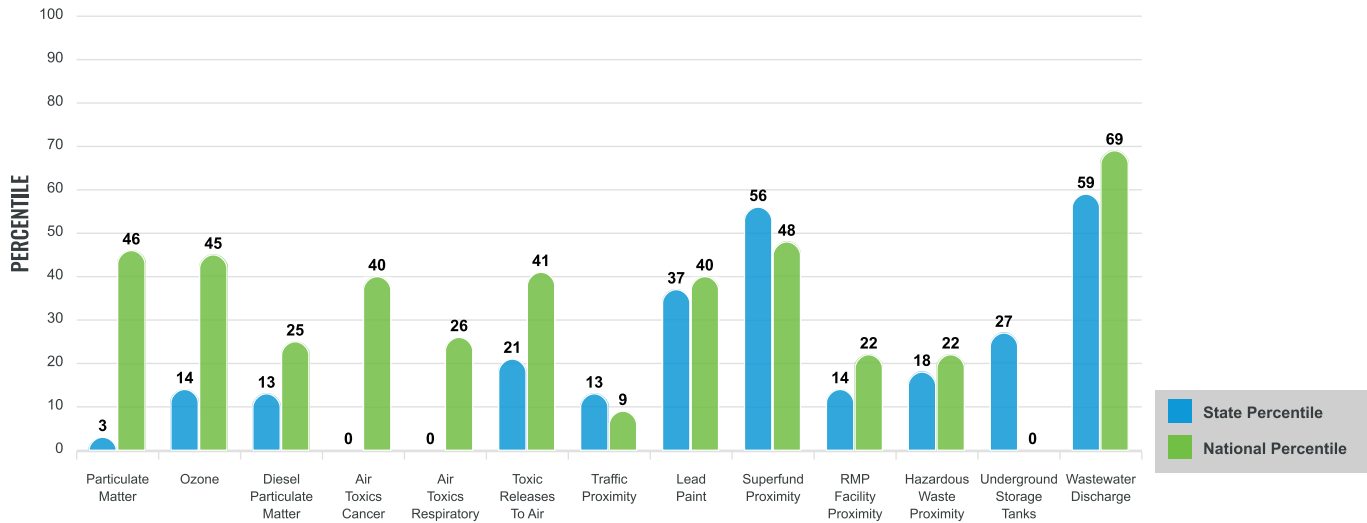
Environmental Justice & Supplemental Indexes

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EJ INDEXES

The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator.

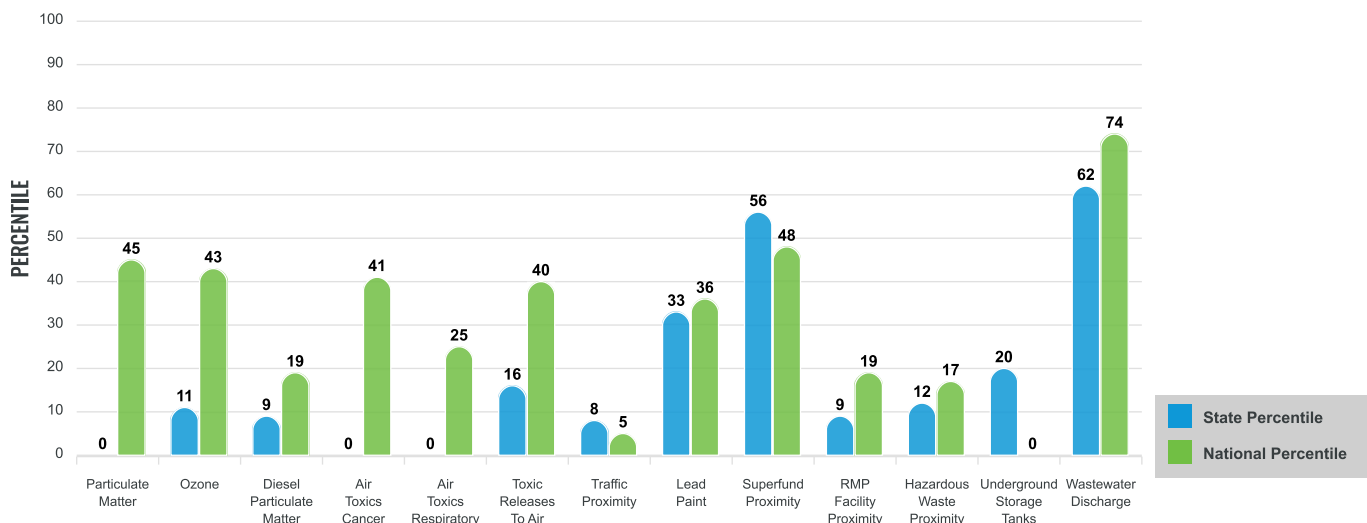
EJ INDEXES FOR THE SELECTED LOCATION



SUPPLEMENTAL INDEXES

The supplemental indexes offer a different perspective on community-level vulnerability. They combine data on percent low-income, percent linguistically isolated, percent less than high school education, percent unemployed, and low life expectancy with a single environmental indicator.

SUPPLEMENTAL INDEXES FOR THE SELECTED LOCATION



These percentiles provide perspective on how the selected block group or buffer area compares to the entire state or nation.

Report for 0.5 miles Ring around the Area

EJScreen Environmental and Socioeconomic Indicators Data

SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
POLLUTION AND SOURCES					
Particulate Matter (µg/m ³)	7.3	8.62	1	8.08	27
Ozone (ppb)	58.2	59.8	8	61.6	25
Diesel Particulate Matter (µg/m ³)	0.0839	0.247	7	0.261	11
Air Toxics Cancer Risk* (lifetime risk per million)	20	32	0	25	5
Air Toxics Respiratory HI*	0.2	0.38	0	0.31	4
Toxic Releases to Air	92	15,000	12	4,600	23
Traffic Proximity (daily traffic count/distance to road)	0.83	86	6	210	3
Lead Paint (% Pre-1960 Housing)	0.035	0.22	25	0.3	22
Superfund Proximity (site count/km distance)	0.029	0.076	43	0.13	27
RMP Facility Proximity (facility count/km distance)	0.049	0.62	7	0.43	10
Hazardous Waste Proximity (facility count/km distance)	0.049	1.1	9	1.9	9
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Wastewater Discharge (toxicity-weighted concentration/m distance)	0.0022	49	50	22	55
SOCIOECONOMIC INDICATORS					
Demographic Index	40%	41%	54	35%	64
Supplemental Demographic Index	18%	17%	58	14%	73
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Low Income	46%	40%	60	31%	77
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Limited English Speaking Households	0%	2%	0	5%	0
Less Than High School Education	26%	15%	83	12%	88
Under Age 5	0%	6%	0	6%	0
Over Age 64	39%	17%	96	17%	95
Low Life Expectancy	N/A	22%	N/A	20%	N/A

*Diesel particulate matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. Cancer risks and hazard indices from the Air Toxics Data Update are reported to one significant figure and any additional significant figures here are due to rounding. More information on the Air Toxics Data Update can be found at: <https://www.epa.gov/haps/air-toxics-data-update>.

Sites reporting to EPA within defined area:

Superfund	0
Hazardous Waste, Treatment, Storage, and Disposal Facilities	0
Water Dischargers	0
Air Pollution	0
Brownfields	0
Toxic Release Inventory	0

Other community features within defined area:

Schools	0
Hospitals	0
Places of Worship	0

Other environmental data:

Air Non-attainment	Yes
Impaired Waters	Yes

Selected location contains American Indian Reservation Lands*	No
Selected location contains a "Justice40 (CEJST)" disadvantaged community	Yes
Selected location contains an EPA IRA disadvantaged community	Yes

Report for 0.5 miles Ring around the Area

EJScreen Environmental and Socioeconomic Indicators Data

HEALTH INDICATORS					
INDICATOR	HEALTH VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	N/A	22%	N/A	20%	N/A
Heart Disease	9.7	7	93	6.1	96
Asthma	9.1	9.9	31	10	27
Cancer	7.1	5.9	89	6.1	72
Persons with Disabilities	16.3%	15.9%	57	13.4%	72

CLIMATE INDICATORS					
INDICATOR	HEALTH VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	88%	25%	94	12%	98
Wildfire Risk	0%	7%	0	14%	0

CRITICAL SERVICE GAPS					
INDICATOR	HEALTH VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	26%	20%	68	14%	84
Lack of Health Insurance	4%	8%	19	9%	30
Housing Burden	No	N/A	N/A	N/A	N/A
Transportation Access	Yes	N/A	N/A	N/A	N/A
Food Desert	Yes	N/A	N/A	N/A	N/A

Footnotes

Report for 0.5 miles Ring around the Area