



Commonwealth of Puerto Rico  
Municipal Government of Lajas  
Mayor's Office  
Marcos A. Irizarry Pagán  
Mayor

July 14, 2017

2017 JUL 19 PM 1:09  
RECEIVED  
OEPRD  
US EPA

Ms. Yolianne Maclay, P.E.  
Environmental Engineer  
Clean Water Act Team  
Multimedia Permits and Compliance Branch  
Caribbean Environmental Protection Agency, Region 2  
City View Plaza II, Suite 7000  
48 RD. 165 Km. 1.2  
Guaynabo, PR 00968-8069

RE: NOTICE OF INTENT (NOI)-MUNICIPALITY OF LAJAS

Dear Ms. Maclay:

In compliance to the Administrative Compliance Order CWA-02-2017-3110 from the United States Environmental Protection Agency, Region 2, we are hereby submitting our Notice of Intent (NOI) for the NPDES Permit No. PRR040065.

If you need any other information please contact Carlos N. Lopez Robles, Planning Director at (787) 899-2973 or at his email: [planificacionlajas@gmail.com](mailto:planificacionlajas@gmail.com).

Cordially yours,

Marcos A. Irizarry Pagán  
Mayor



*Municipal Government of Lajas*



**NOTICE OF INTENT (NOI)  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
PHASE II  
REGULATED SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS  
(MS4S's)  
NPDES PERMIT NO. PRR 040065**

**MARCOS A. IRIZARRY PAGAN  
MAYOR**

United States Environmental Protection Agency  
National Pollutant Discharge Elimination System  
Notice of Intent (NOI) for coverage under the Small Municipal Separate  
Storm Sewer System (MS4) General Permit (PRR040000) for Puerto Rico

Part A. General Information

1. Name of Municipality or Organization: MUNICIPALITY OF LAJAS
2. Type:  Federal  State  Municipality  Other: \_\_\_\_\_
3. Existing Permittee:  Yes  No If yes, provide EPA NPDES Permit Number: P R R 0 4 0 0 6 5
4. Location Address:
  - a. Street: 5 VICTORIA STREET
  - b. City: LAJAS State: PR Zip Code: 00667
5. Mailing Address:
  - a. Street: P. O. BOX 910
  - b. City: LAJAS State: PR Zip Code: 00667
6. Telephone Number: (787) 899-3333 Fax: (787) 808-1330
7. E-mail: alcaldelajas@gmail.com
8. Standard Industrial Classification (SIC) Code (see instructions for common codes): 9 1 9 9
9. Latitude: (use the format provided.) Longitude: (use the format provided.)  
*Approximate center of the regulated portion of the MS4.*  
1 8 ° 0 3 ' 0 7 " N (degrees, minutes, seconds) 6 7 ° 0 3 ' 3 5 " W (degrees, minutes, seconds)  
Or  
1 8 . 0 5 1 9 4 ° N (degrees decimal) -6 7 . 0 5 9 7 2 ° W (degrees decimal)

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RECEIVED  
US EPA  
OEPRD

Part B. Primary MS4 Program Manager Contact Information

1. Name: CARLOS N. LOPEZ-ROBLES
2. Position Title: PLANNING DIRECTOR
3. Stormwater Management Program (SWMP) Location (web address or physical location):  
MUNICIPAL BUILDING, PLANNING OFFICE # 23, SAN BLAS STREET, LAJAS, PR 00667
4. Mailing Address:
  - a. Street: P. O. BOX 910
  - b. City: LAJAS State: PR Zip Code: 00667

United States Environmental Protection Agency  
National Pollutant Discharge Elimination System  
Notice of Intent (NOI) for coverage under the Small Municipal Separate  
Storm Sewer System (MS4) General Permit (PRR040000) for Puerto Rico

5. Telephone Number: (787) 899-1450 EXT.1040 or (787) 899-2973 
6. E-mail: planificacionlajas@gmail.com

**Part C. Eligibility Determination**

1. Endangered Species Act (ESA) determination complete?  Yes  No
- a. Eligibility Criteria (check all that apply):  A  B  C  D  E
2. National Historic Preservation Act (NHPA) determination complete?  Yes  No
- a. Eligibility Criteria (check all that apply):  A  B  C  D

**Part D. Map/Boundaries**

1. MS4/Organization Description of regulated boundaries (narrative):  
SEE APPENDIX I  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_.
2. Location Map/Boundaries. A location map must be attached showing the pertinent city, town, wards, or boundaries, the boundaries of the Small MS4, including surface water body(s), and the "urbanized area" (UA) when applicable.
- Is map attached?  Yes  No

**Part E. MS4 Infrastructure** (if covered under the 2006 general permit)

1. Estimated Percent of Outfall Map Complete? (*Part 4.2.3 of 2006 general permit*): 0%
- a. If 100% of 2006 requirements are not met, enter an estimated date of completion: 03/15/2018  
(MM/DD/YYYY)
- b. Web address where MS4 map is published: Will publish when map is concluded  
*If outfall map is unavailable on the internet an electronic or paper copy of the outfall map must be included with NOI submission.*

**Part F. Bylaw/Ordinance Development** (if covered under the 2006 general permit)

1. Illicit Discharge Detection and Elimination (IDDE) authority adopted?  Yes  No
- a. Effective Date or Estimated Date of Adoption: \_\_\_\_\_  
(MM/DD/YYYY)
2. Construction/Erosion and Sediment Control authority adopted?  Yes  No
- a. Effective Date or Estimated Date of Adoption: \_\_\_\_\_  
(MM/DD/YYYY)

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3. Post-Construction Stormwater Management adopted?  Yes  No  
 a. Effective Date or Estimated Date of Adoption: \_\_\_\_\_  
 (MM/DD/YYYY)

**Part G. Receiving Waters**

List the names of all surface waterbody segments to which your MS4 discharges. For each waterbody segment, please report the number of outfalls discharging into it and, if applicable, any impairments. You may attach additional information.

Waterbody Segment that receives flow from the MS4	Number of Outfalls into receiving waterbody segment	Have any monitoring been performed to outfalls? (Yes/No)	List of Pollutant(s) causing impairment (if applicable)	List of TMDL Pollutant (s) (if any)
MONDONGO CREEK	Will determine upon completion of Outfall Map	NO	N/A	N/A
MARGARA CREEK	Will determine upon completion of Outfall Map	NO	N/A	N/A

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**Part H. Summary of Stormwater Management Program (SWMP) under the 2006 Small MS4 General Permit**

For every measurable goal and associated Best Management Practice (BMP) listed in the adopted program, provide the following information (You may include additional pages):

BMP Description or BMP ID (e.g. MCM-1)	Goal Achieved? (Yes/No)	Continued in next permit cycle? (Yes/No)	Who was the targeted audience? Explain reason for not achieving goal.	Modification(s) to goals or BMP for next permit cycle
PUBLIC EDUCATION AND OUTREACH: BPM#1 Education Programs for three (3) targeted groups , Children, Adults and business owners	NO	YES	Children, Adults and Business owners (industries)were targeted, but was not able to get around working with all business owners and communities. Students from k-12 were not fully attended due to lack of resources	The municipality will continue working with the targeted groups identified
PUBLIC INVOLVEMENT AND PARTICIPATION: BMP#1- Involve residents of the communities, recruit volunteers, business owners and non profit organizations	NO	YES	Public in general have participated in the community and beach clean ups The inspections in business have not been done. The identification of the storm drains have partially been done	The municipality will continue with this BMP
BMP#2- Continue using questionnaire established during Phase I of the Stormwater Management Program	YES	YES	The Municipality has a random idea of how knowledgeable the public attended is regarding the Stormwater Management Program	Will continue with this BMP.
ILLICIT DISCHARGE DETECTION AND ELIMINATION: BMP#1-Establish Municipal Ordinance and Train Specific Personnel	NO	YES	This BMP has been partially achieved. The Municipal Ordinance has not been drafted. The municipal personnel have been trained and have attended seminars	Will continue training personnel. Will work on the Municipal Ordinance
BMP#2-Program to detect, prevent, and control illicit discharges	No	YES	Program has not been put into practice due to lack of resources and the lack of a Municipal Ordinance	Will work on acquiring the necessary resources to comply with this BMP
CONSTRUCTION SITE STORMWATER RUNOFF CONTROL: BMP#1-Municipal Ordinance and Construction Inspection Program	NO	YES	Municipal Ordinance has not been drafted. Construction Inspection Program not fully developed due to the lack of construction projects	Will continue with this BMP once Municipal Ordinance has been approved and construction projects identified
POST-CONSTRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT: BMP#1- Construction	NO	YES	The lack of construction projects lead to not drafting a Municipal Ordinance for such purposes	Will see how construction projects evolve in the Municipality; if positive will continue the BMP
tax incentives through a Municipal Ordinance				

EPA Region 2 Small MS4 General Permit

**Part H. Summary of Stormwater Management Program (SWMP) under the 2006 Small MS4 General Permit**  
 For every measurable goal and associated Best Management Practice (BMP) listed in the adopted program, provide the following information (You may include additional pages):

BMP Description or BMP ID (e.g. MCM - 1)	Goal Achieved? (Yes/No)	Continued in next permit cycle? (Yes/No)	Who was the targeted Audience? Explain reason for not achieving goal.	Modification(s) to goals Or BMP for next permit cycle
<p><b>GOOD HOUSEKEEPING AND POLLUTION PREVENTION IN MUNICIPAL OPERATIONS:</b></p> <p>BMP#1-Implement the Municipal facilities Inspection Program</p>	NO	YES	Municipal facilities; inspections were not done due to lack of human resources	Will be executed in our next permit cycle
BMP#2-Recycling Oil Program	YES	YES	Municipal facilities and businesses	If necessary install other containers
BMP#3-Stormwater Drain system cleaning	YES	YES	Only a Partial list of drains were identified and due to the lack of human resources	Continue identifying drains to fulfill the goal of cleaning all the drains in a moderate time span
BMP#4-Streets and Sidewalk Cleaning	YES	YES	Municipal main streets and sidewalks	If necessary include other streets that require impact
BMP#5 Training of Personnel in all areas of the Municipality and distribution of educational material	YES	YES	Employees in general, administrative and from Public Works	Continue training personnel including the newly recruited. Will need budget to produce educational materials.

BMP#6-Landfill operations	NO	YES	Waiting for final procedures of U S Rural Development and disbursement of these funds to start landfill project	Will continue project as planned and approved by the federal agency

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**Part I. 2016 Stormwater Management Program (SWMP) Summary**

**Public Education and Outreach** (See Part 2.4.2 for detailed information of required BMPs):

BMP Description or BMP ID (e.g. MCM-1)	Education Topic (Identify the issue your BMP is educating the public about.)	Outreach Method (Describe the method used to convey this topic, e.g. mailing, events, school, etc.)	Measurable Goal (What is the end result of this program? What indicator will determine the goal has been met? (e.g., number mailing sent, people at event, class participation, etc.)
BMP#1: Education Programs for three (3) targeted groups Children, Adults and Business Owners	Educate and make it aware to these three targeted groups the importance of storm water discharges in their specific areas and understanding how to prevent and control them.	Preparation and Distribution of written materials (flyers, brochures, and pamphlets) in schools, communities. Public Community center meetings will be held on a regular basis	Number of materials handed out Number of students of all grades and schools participating in the different orientations offered Number of citizens attending meetings, events or orientations. Number of businesses impacted.
	Also the consequences of having illegal discharges in our creeks and measures to reduce pollutants.	to ensure that the communities understand the concept. In Schools orientations will be offered to students from Kinder-garden to High School	

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**Part I. 2016 Stormwater Management Program (SWMP) Summary (continued)**

Public Involvement and Participation (See Part 2.4.3 for detailed information of required BMPs):

BMP Description or BMP ID (e.g. MCM-1)	Program Description (Describe the program and how it will inspire public participation, e.g. special events, volunteer sampling and monitoring efforts, household hazardous waste recycling, etc.)	Measurable Goal (What is the end result of this program? What indicator will determine the goal has been met? (e.g., participation, amount of sampling performed, waste collected, etc.)
BMP#1: Involve residents of the communities, recruit volunteers of all sorts including of the business owners and the non profit organizations	Stream monitoring, identification and marking of storm drains. Establish cleanup and recycling campaigns in communities and beach areas. With permission, conduct inspections in business areas, to ensure that businesses are environmentally friendly. Publishing Newsletters with schedules to track all work schedules	Number of cleanups and quantity of recycled material recovered. Number of inspections conducted in businesses along with samples acquired. Number of joining non profit organizations, distributed educational materials and number of meetings conducted
	will be sent out to leaders in communities and business owners. Work in identifying illicit discharge detection with non profit organizations educating members of these organizations with pamphlets, seminars, or meetings.	and attendees. Number of newsletters sent to business owners.
BMP#2: Continue using the questionnaire established during Phase I of the Stormwater Management Program	Questionnaire will be used to target how much knowledge the citizens of our communities have of our Stormwater Management Program and the practices that they have within their households and communities	Number of questionnaires answered, tabulation and results of the questionnaire

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**Part I. 2016 Stormwater Management Program (SWMP) Summary (continued)**

Illicit Discharge Detection and Elimination (See Part 2.4.4 for detailed information of required BMPs):

BMP Description or BMP ID (e.g. MCM-1)	Program Description (Describe the program and how it will identify and remove illicit connections from the MS4, e.g. new regulations, investigation practices, removal of illicit connections, etc.)	Measurable Goal (What is the end result of this program? What indicator will determine the goal has been met? (e.g., adoption of bylaws/ordinances, amount of investigation performed, identified and removed illicit connections, etc.)
BMP#1: Establish Municipal Ordinance and Train specific personnel to be the "watchdogs" of the MS4	Municipal Ordinance will be established in order to authorize the issuing of fines when illicit practices or connections are detected. Train personnel to intervene with citizens within the communities and enforce the ordinances.	Compliance with the Municipal Ordinance when fines are imposed. Number of fines issued and quantity of money recovered
BMP#2: Program to Detect, prevent and control illicit discharges	The proper Municipal Ordinance will establish rules, regulations and penalties for such violations. The "watch dogs" of this system will enforce such ordinances and have the know how and authority to identify and remove illicit connections.	Measures for proper identification of illegal discharges will be prepared Number of interventions and removal of illicit connections preformed.

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**Part I. 2016 Stormwater Management Program (SWMP) Summary (continued)**

Construction Site Stormwater Runoff Control (See Part 2.4.5 for detailed information of required BMPs):

BMP Description or BMP ID (e.g. MCM-1)	Program Description (Describe the program and how it will help control stormwater runoff at construction sites, e.g. new regulations, construction practices, inspection protocols, etc.)	Measurable Goal (What is the end result of this program? What indicator will determine the goal has been met? (e.g., adoption of bylaws/ordinances, amount of inspections performed and sites actively regulated, etc.)
BMP#1: Municipal Ordinance and Construction Inspection Program	Establish a Municipal Ordinance to impose fines for noncompliance and to ensure that all Construction activities are undertaken with adequate erosion and sedimentation controls to reduce discharge of pollutants into the Municipal Small Stormwater Sewer System.	Compliance with the Municipal Ordinance Number of inspections conducted Number of fines imposed due to noncompliance Number of meetings conducted with Contractors before, during and after Construction
	Have trained personnel to enforce the Municipal Ordinance. Hold meetings with the Contractors to ensure they understand the Municipal Ordinance and their obligation to comply with it during construction. Have random inspections during the periods of construction	

**United States Environmental Protection Agency**  
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**Part I. 2016 Stormwater Management Program (SWMP) Summary (continued)**

Post-Construction Stormwater Management in New Development and Redevelopment (See Part 2.4.6 for detailed information of required BMPs):

BMP Description or BMP ID (e.g. MCM-1)	Program Description (Describe the program and how it will control stormwater runoff from properties after they are developed, e.g. new regulations, practices, or resources for contractors to use Low Impact Development (LID), etc.)	Measurable Goal (What is the end result of this program? What indicator will determine the goal has been met? (e.g., adoption of bylaws/ordinances, amount of implemented practices, development of capacity building resources, etc.)
BMP#1: Construction tax incentives through a Municipal Ordinance	Contractor will be given a tax incentive if their development meets with having total control of stormwater runoff from the properties, meet all Stormwater Management regulations and practices	Municipal Ordinance adopted Number of incentives granted to contractors

United States Environmental Protection Agency  
National Pollutant Discharge Elimination System  
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**Part I. 2016 Stormwater Management Program (SWMP) Summary (continued)**

Good Housekeeping and Pollution Prevention in Municipal Operations (See Part 2.4.7 for detailed information of required BMPs):

BMP Description or BMP ID (e.g. MCM-1)	Program Description (Describe the program and how it will mitigate stormwater runoff at municipal properties ort through municipal activities, e.g. installation of structural stormwater controls on the municipal properties, new practices to reduce pollutant exposure to rain events, runoff management, trainings, etc.)	Measurable Goal (What is the end result of this program? What indicator will determine the goal has been met? (e.g., structural BMPs installed, SOPs developed and implemented, etc.)
BMP#1: Implement the Municipal facilities Inspection Program	This program will allow on the spot inspections to ensure that certain municipal facilities are in compliance with the Storm Water Management Program especially the Public Works department along with the Recycling Department	Provide measures to obtain proper management of the MS'4 Program Controls in washing of vehicles, maintenance and repair of vehicles, control and prevention of oil spills
BMP#2: Recycling Oil Program	Installation of recycling containers to store used transmission, motor or hydraulic oils.	Recycling containers were installed in the Recycling and Public Works departments. Approximately a total of 30 gallons are recovered on a regular basis
BMP#3: Stormwater Drain system cleaning	Maintenance of drains to prevent overflow and drains kept free flowing of natural waters	Schedules for cleaning drains and quantities of drains cleaned
BMP#4: Streets and Sidewalk Cleaning	Municipal Custodians will have the obligation to assure that all streets and sidewalks are free of pollutants	Streets and sidewalks impacted on a daily basis maintaining them in optimum conditions
BMP#5: Continuance of Training of Personnel in all areas of the Municipality and distribution of education material	Continue to train employees with the latest updates and procedures to be performed. Also train new personnel recruited in the Municipality	Number of training sessions processed Number of employees trained Quantity of material distributed
BMP#6: Landfill Operations	New landfill cell will be developed to control runoff and leachate collection and expand landfills life expectancy	Longevity of landfill and proper management of the MS'4

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National Pollutant Discharge Elimination System  
Notice of Intent (NOI) for coverage under the Small Municipal Separate  
Storm Sewer System (MS4) General Permit (PRR040000) for Puerto Rico

**Part J. Application Certification and Signature**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of Mayor/Elected Official:  \_\_\_\_\_

Print Name of Mayor/Elected Official: \_\_\_\_\_ MARCOS A. IRIZARRY PAGAN \_\_\_\_\_

Title: \_\_\_\_\_ MAYOR \_\_\_\_\_ Date: \_\_\_\_\_ July 14, 2017 \_\_\_\_\_



*Municipal Government of Lajas*



**APPENDIX 1**

**NARRATIVE**

## APPENDIX 1

### **Parte D. Map/ Boundaries**

#### **1. MS4/Organization Description of regulated boundaries (narrative):**

The Municipality is a local government, entity that conducts administrative operations on a daily basis. It provides public services to the general population such as solid waste disposal, maintenance of local roads, security in our communities, public works, recreational and cultural activities among others.

Within the geographical area of the township there are two (2) urban sites; the urban center and La Parguera. The Municipality has an estimated area of 61.2 square miles. The population demographics for Lajas is 25,753. The Municipality has the following eleven (11) wards:

1. Candelaria
2. La Costa
3. La Parguera
4. La Plata
5. Lajas Arriba
6. Lajas Pueblo
7. Los Llanos
8. Palmarejo
9. Paris
10. Sabana Yeguas
11. Santa Rosa

Lajas is located in the southwest region of the main island of Puerto Rico between the towns of San Germán, (north), Guánica (east) and Cabo Rojo (west). Its major economic activities are tourism and agriculture.

There are two (2) creeks, Mondongo Creek (18, 03', 01" N /67, 03', 42" W) and Margara Creeks which are the water bodies that receive storm water discharges in the urban center area of the Municipality.



*Municipal Government of Lajas*

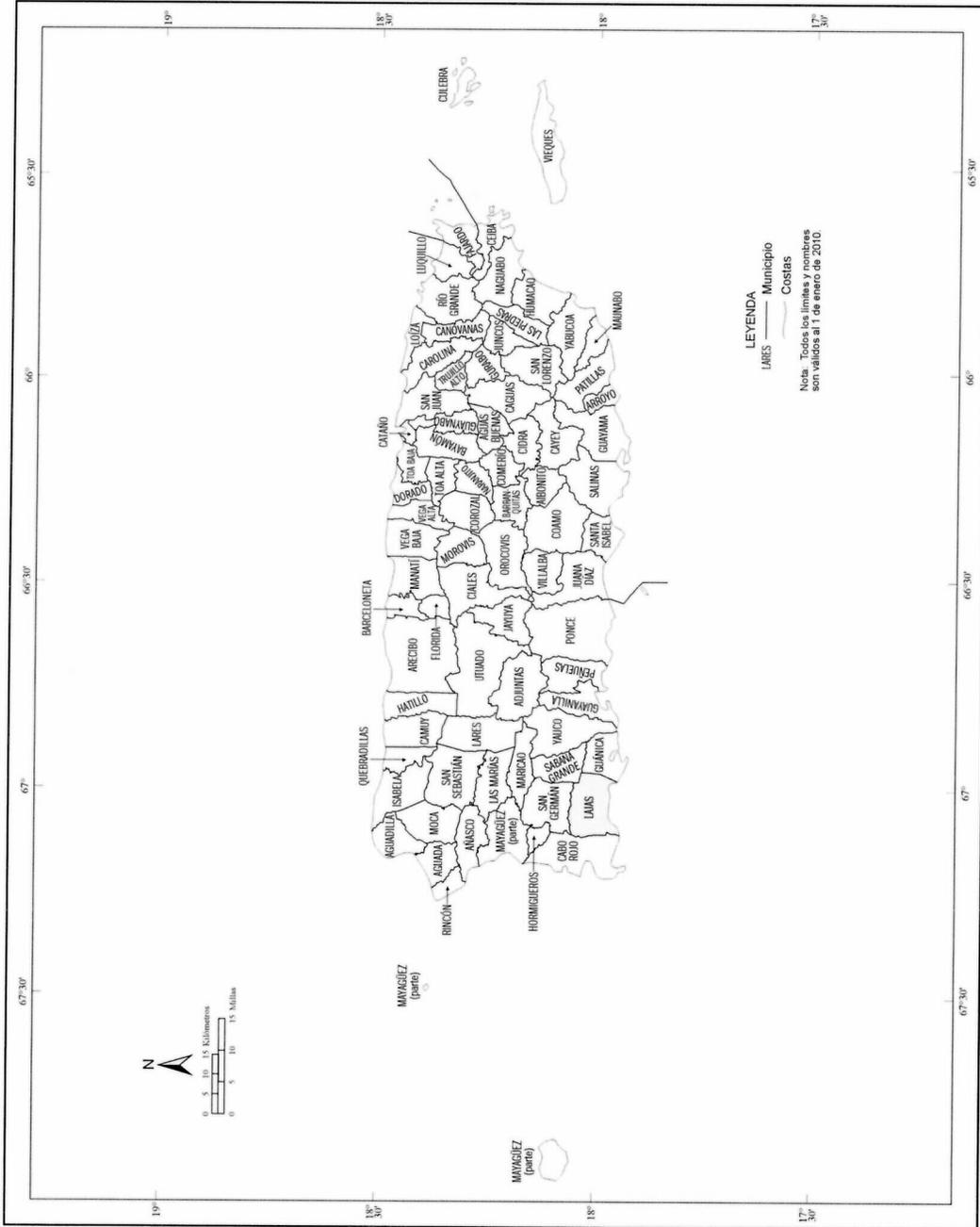


## **APPENDIX 2**

### **LOCATION / BOUNDARY MAP**



Municipios





*Municipal Government of Lajas*



### **APPENDIX 3**

## **COPY OF LETTER SENT TO FISH AND WILD LIFE SERVICE FOR ESA ELIGIBILITY DETERMINATION**



Commonwealth of Puerto Rico  
Municipal Government of Lajas  
Mayor's Office  
Marcos A. Irizarry Pagán  
Mayor

---

July 6, 2017

Mr. Edwin E. Muñiz  
Field Supervisor  
United States Fish and Wildlife Service  
Caribbean Ecological Services  
Field Office  
P. O. Box 491  
Boquerón, Puerto Rico 00622

RE: Endangered Species Act (ESA) Eligibility Determination for General Permit MS4

Dear Mr. Muñiz:

The Municipality of Lajas must comply with an Administrative Compliance Order from the United States Environmental Protection Agency for NPDES Permit No. PRR040065. Prior to obtaining the general permit coverage, the Municipality needs to meet the ESA eligibility provisions for the permit in the Notice of Intent (NOI) to be submitted. The population demographics for Lajas is 25,753, with an estimated area of 61.2 square miles and eleven (11) wards.

We will need for your agency to provide us with information on whether there are listed endangered or threatened species or critical habitat are found in the proximities of the Mondongo Creek and Margara Creek area of Lajas. This is necessary so that we may comply and achieve ESA eligibility for the permit to be issued.

If you need any information please contact Carlos N. Lopez Robles, Planning Director at (787) 899-2973 or at his email: [planificacionlajas@gmail.com](mailto:planificacionlajas@gmail.com).

Cordially yours,

Marcos A. Irizarry Pagán  
Mayor



*Municipal Government of Lajas*



## **APPENDIX 4**

### **COPY OF LETTER SENT TO STATE HISTORIC PRESERVATION OFFICE FOR NHPA ELIGIBILITY DETERMINATION**



Commonwealth of Puerto Rico  
Municipal Government of Lajas  
Mayor's Office  
Marcos A. Irizarry Pagán  
Mayor

July 6, 2017

Ms. Marines Colón González, M.A.  
Historic Property Specialist  
State Historic Preservation Office  
P. O. Box 9023935  
San Juan, PR 00902-3935

RE: National Historic Preservation Act (NHPA) Eligibility Determination for General Permit MS4

Dear Ms. Colón:

The Municipality of Lajas must comply with an Administrative Compliance Order from the United States Environmental Protection Agency for NPDES Permit No. PRR040065.

Prior to obtaining the general permit coverage, the Municipality needs to meet the NPHA eligibility provisions for the permit in the Notice of Intent (NOI) to be submitted.

The population demographics for Lajas is 25,753, with an estimated area of 61.2 square miles and eleven (11) wards.

According to the National Register of Historic Properties there are two (2) historic properties identified in Lajas. The two properties are the following:

1. Luis Muñoz Rivera School 18 02'52" N 67 03'33" W
2. Oliver Hazard Perry Graded School 18 03'01" N 67 03'35" W

There are two (2) creeks, Mondongo and Margara Creeks which are distant from these historic properties. Storm water discharges, allowable non storm water discharges or storm water discharge-related activities will not affect these historical properties.

We are soliciting other information and your comments, so that we may comply and achieve NPHA eligibility for the permit to be issued. If you need any information please contact Carlos N. Lopez Robles, Planning Director at (787) 899-2973 or at his email: [planificacionlajas@gmail.com](mailto:planificacionlajas@gmail.com).

Cordially yours,

Marcos A. Irizarry Pagán  
Mayor



*Municipal Government of Lajas*



**APPENDIX 5**  
**CERTIFICATION**



Commonwealth of Puerto Rico  
Municipal Government of Lajas  
Mayor's Office  
Marcos A. Irizarry Pagán  
Mayor

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CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

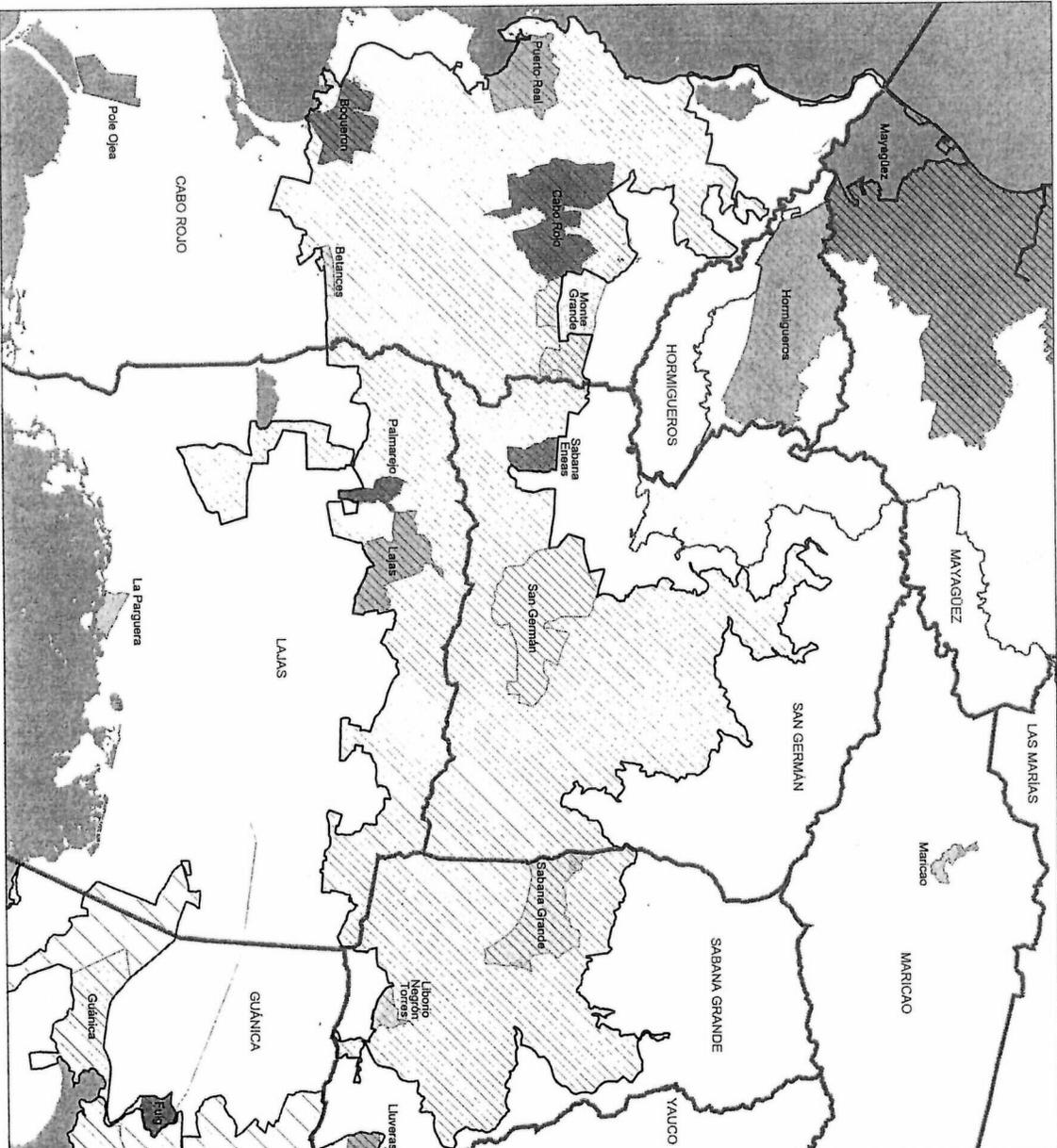
Signature of Mayor: \_\_\_\_\_

Name of Mayor: Marcos A. Irizarry Pagán

Date: July 14, 2017

Appendix C

2000 Census Maps:  
of  
Urbanized Areas in general  
and  
Urbanized Areas in detail.



**San Germán-Cabo Rojo-Sabana Grande, PR Urbanized Area Storm Water Entities as Defined by the 2000 Census**

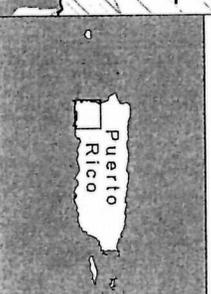
- 2000 Census Urbanized Areas**
- ☐ San Germán-Cabo Rojo-Sabana Grande, PR
  - ☐ Mayaguez, PR
  - ☐ Yauco, PR

- ☐ Municipal Boundaries
- ☐ County Boundaries
- ☐ Major Waterbodies

**SOURCE:**  
US Census Bureau TIGER data, 2000 Census

**PROJECTION:**  
State Plane Coordinate System - Puerto Rico  
Horizontal datum - NAD83

**MAP DESIGN:**  
October 10, 2002

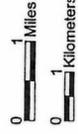


# San Germán-Cabo Rojo-Sabana Grande, PR Urbanized Area Storm Water Entities as Define by the 2000 Cens

- 2000 Census Urbanized Area**
-  San Germán-Cabo Rojo-Sabana Grande, PR
  -  Mayagüez, PR
  -  Yauco, PR
  -  Municipal Boundaries
  -  County Boundaries
  -  Major Waterbodies
  -  Roads

SOURCE: US Census Bureau TIGER data, 2000 Census  
 PROJECTION: State Plane Coordinate System - Puerto Rico  
 Horizontal datum - NAD83

MAP DESIGN: October 10, 2002



Appendix D

Commonwealth of Puerto Rico  
Department of Education

List of Public Schools  
in the  
Municipality of Lajas.

# Municipio de Lajas

## Municipality of Lajas

### Department of Education Schools:

- 1- Ricardo Martí Font Elementary, Maguayo
- 2- Ramón Olivares Elementary, Olivares Sector
- 3- Alejandro Tapia y Rivera Elementary, La Parg
- 4- Juan Cancio Ortiz Intermediate, Palmarejo Bo
- 5- Arturo Grant Pardo Intermediate, Pueblo Bor
- 6- Luis Muñoz Rivera Intermediate, Pueblo Borougn
- 7- Leonides Morales Secondary, Pueblo Borougn
- 8- Mario F. Pagán Izazary Elementary, Santa Rosa Bor
- 9- Rosendo Matienzo Cintrón Elementary, Lajas Arriba
- 10- Tomás Alba Edison Elementary, La Plata Bo
- 11- New Urban Elementary, Pueblo Borough



1:50,020



Reserva Agrícola del Valle de Lajas

Laguna Cartagena

Reserva Natural de Sierra Bermeja

Reserva Natural de la Parguera



*Municipal Government of Lajas*



## **APPENDIX 7**

### **COPY OF MAP OF STORM WATER INFRASTRUCTURE FOR SEVERAL COMMUNITIES**







Mapa de Infraestructura Pluvial de las Comunidades Rurales de Lajas

Comunidad Rural Olivares

1:3,000



Municipio de Lajas  
 Comunidades Rurales  
 Mapa de Infraestructura Pluvial Municipal:  
 Calles  
 Desagües  
 Tubería Pluvial  
 Cuneltones

LEGEND:  

 PROPOSED CURBS AND GUTTERS  
 EXISTING CURBS AND GUTTERS  
 PROPOSED CROSS CUTTER  
 EXISTING CROSS CUTTER  
 NEW CURB (PIPE) AND ROADWAY  
 EXISTING DRAINAGE PIPE  
 PROPOSED HILL





Mapa de Infraestructura Pivial de las Comunidades Rurales de Lajas



Municipio de Lajas  
Comunidades Rurales  
Mapa de Infraestructura Pivial Municipal:  
Calle  
Desagües  
Tubería Pivial  
Cunetones

1:2,500



Comunidad Rural Cuesta Blanca







Mapa de Infraestructura Pluvial de las Comunidades Rurales de Lajas



Mapa de Infraestructura Pluvial de las Comunidades Rurales de Lajas



Mapa de Infraestructura Pluvial de las Comunidades Rurales de Lajas

Comunidad Rural La Plata

1:1,800



Municipio de Lajas  
Comunidades Rurales  
Mapa de Infraestructura Pluvial Municipal:  
Calle  
Desague  
Tubería Pluvial  
Cunetes



LEGENDA

- Proposed drain
- Proposed cross inlet
- Existing cross inlet
- New catch basin
- Existing catch basin
- Proposed manhole