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**ALCALDE**

February 16, 2016

Eng. Sergio Bosques-Regional Stormwater Coordinator  
EPA Region 2-Caribbean Environmental Protection Division  
City View Plaza II Suite 7000  
48 Road 165 Km. 1.2  
Guaynabo PR 00968

**2016 NOTICE OF INTEND (NOI) - MUNICIPALITY OF NARANJITO**

Dear Mr. Bosques:

In compliance with the provisions of the Clean Water Act (CWA), Section 402 and the Final General Permit for Stormwater Discharges from Small Municipal Separate Storm Sewer Systems in the Commonwealth of Puerto Rico (2016 NPDES Small MS4 General Permit), we are submitting the Notice of Intend (NOI) for the Permit number PRR040024.

If you need more information, please contact Eng. José Serrano, Planning and Development Director, at (787) 869-2200 ext. 0137, 0138.

Sincerely,

Orlando Ortiz Chevres  
Mayor

US EPA  
OECD  
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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 A. General Information**

1. Name of Municipality or Organization: Municipality of Naranjito
2. Type: ☐ Federal ☐ State ☒ Municipality ☐ Other: \_\_\_\_\_
3. Existing Permittee: ☒ Yes ☐ No If yes, provide EPA NPDES Permit Number: P R R 0 4 0024 \_\_\_\_\_
4. Location Address:
  - a. Street: Bo. Pueblo, Calle Ignacio Morales Acosta
  - b. City: Naranjito State: PR Zip Code: 00719
5. Mailing Address:
  - a. Street: PO BOX 53
  - b. City: Naranjito State: PR Zip Code: 00719
6. Telephone Number: (787) 869-2200 Fax: (787) 869-8282
7. E-mail: director\_opot@yahoo.com
8. Standard Industrial Classification (SIC) Code (see instructions for common codes): 9199
9. Latitude: (use the format provided.) Longitude: (use the format provided.)  
*Approximate center of the regulated portion of the MS4.*  
18 ° 18 ' 04 " N (degrees, minutes, seconds) 66 ° 14 ' 44 " W (degrees, minutes, seconds)  
Or  
\_\_\_\_\_. \_\_\_\_\_ ° N (degrees decimal) \_\_\_\_\_ ° W (degrees decimal)

**Part B. Primary MS4 Program Manager Contact Information**

1. Name: Mr. Jose Serrano
2. Position Title: Planning and Development Director
3. Stormwater Management Program (SWMP) Location (web address or physical location): \_\_\_\_\_  
Bo. Pueblo, Calle Ignacio Morales Acosta
4. Mailing Address:
  - a. Street: PO BOX 53
  - b. City: Naranjito State: PR Zip Code: 00719

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5. Telephone Number: (787) 869-2200

6. E-mail: director\_opot@yahoo.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):

The Municipality of Naranjito is positioned in the inner-oriental region of Puerto Rico. It is located North of Toa Alta, East of Bayamon, West of Corozal, and South of Comerio and Barranquitas.  
Its surface area includes a total of 73 km<sup>2</sup> and according to the 2010 Census, it has a population of 30,402 inhabitants. The municipality is composed of 8 wards. In general terms the  
municipality operates an MS4 system which includes the downtown urban area and urbanized areas within the rural region of the municipality. In the urban area the MS4 system consist of  
a series of catch basins interconnected by underground pvc or concrete pipes. In the rural areas the system consist mainly in concrete swales and culverts.

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): 50 %  
a. If 100% of 2006 requirements are not met, enter an estimated date of completion: 09/2017  
(MM/DD/YYYY)  
b. Web address where MS4 map is published: \_\_\_\_\_  
*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: 09/21/2015  
(MM/DD/YYYY)
2. Construction/Erosion and Sediment Control authority adopted? ☐ Yes ☒ No  
a. Effective Date or Estimated Date of Adoption: 03/2017  
(MM/DD/YYYY)

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3. Post-Construction Stormwater Management adopted?

☐ Yes ☒ No

a. Effective Date or Estimated Date of Adoption:

04/2017

(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)
Rio Guadiana	20	NO	Total Coliforms Turbidity, Total N Cyanide, Total P	TMDL Needed

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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
MCM-1: Storm Water-Related Public Service Announcements	Yes	Yes	Public and Private Sector	Expecting to continue with the BMP during the next permit cycle
MCM-1: Development Distribution of Storm Water-Related Materials	Yes	Yes	Public and Private Sector	Expecting to continue with the BMP during the next permit cycle.
MCM-1: Storm Water Pamphlets, Booklets, and Flyers	Yes	Yes	Public and Private Sector	Expecting to continue with the BMP during the next permit cycle.
MCM-2: Storm Drain Stenciling Program	No	Yes	General Public Budget constraints	Expecting to continue with the same target goal during the next permit cycle.
MCM-2: Annual Cleanup	Yes	Yes	Public and private sector	Expecting to continue with the same target goal during the next permit cycle.
MCM-2: Public Involvement Program	Yes	Yes	General Public	Expecting to continue with the same goal during next cycle.
MCM-2: Community Hotline	No	Yes	General Public Budget Constraints	Same goal for the next permit cycle
MCM-3: Storm Sewer System Map	No	Yes	General Public Budget Constraints	Expecting to complete the system's map as required by the General Permit

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MCM-3: Develop Regulations to Enforce Non-Storm Water Discharges	Yes	Yes	Builders, commercial sector, residential sector, general public.	Revisions and modifications during the permit when necessary.
MCM-3: Illicit Discharges Educational Outreach	Yes	Yes	Builders, commercial sector, residential sector, general public	Revisions and updates to the educational material will be perform when necessary.
MCM-3: Develop a Program to Detect, Identify and Eliminate Illicit Discharges	No	Yes	Builders, commercial sector (fast food, gas stations, pet shops), residential sector, Municipal & state facilities, General public.	
MCM-3: Develop a Program to Detect, Identify, and Eliminate Illegal Solid Waste Dumping	Yes	Yes	Commercial sector, institutions, municipal and state facilities, residential sector, and general public.	Revisions and modifications during the permit cycle if necessary
MCM-3: Develop a Program to Detect, Identify, and Eliminate Wastewater Connections to the Storm Drain System	No	Yes	Builders, commercial sector (fast food, gas stations, petshops), residential sector, Municipal & state facilities, General public.	
MCM-3: Develop a Program to Detect and Eliminate Sanitary Sewer Overflows	Yes	Yes	Facilities and state infrastructure, general public	Revisions and modifications during the permit cycle if necessary
MCM-3: Develop a Program to Detect and Eliminate Failing Septic Systems	No	Yes	Builders, commercial sector, gas stations, residential sector, general public. State and municipal facilities.	
MCM-4: Construction Site Runoff Control Ordinances or Other Regulatory Mechanism	No	Yes	Builders (project's sites)	

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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
MCM-4: General Construction Site Waste Controls	No	Yes	Builders (project's sites) Municipal permit office has not been established	
MCM-4: Construction Site Runoff Control: Information Submitted by the Public	Yes	Yes	Construction Sites	Revisions and modifications during the permit cycle if necessary
MCM-4: Construction Site Inspection and Enforcement	No	Yes	Construction sites' personnel Lack of budget and technical personnel	
MCM-5: Post-Construction Storm Water Management Ordinances or other regulatory mechanisms	No	Yes	Builders, construction sites personnel, engineers, architects, designers. Municipal permit office has not been established	
MCM-5: Inspection and Maintenance Program	No	Yes	Construction Sites Lack of budget and technical personnel	
MCM-6: Pet waste collection program	Yes	Yes	Petshops General Public	Revisions and modifications during the permit cycle if necessary
MCM-6: Pollution prevention training program	Yes	Yes	Municipal staff, schools, churches, general public	Revisions and modifications during the permit cycle if necessary
MCM-6: Pollution prevention program: outdoor vehicle washing	Yes	Yes	Municipal staff, schools, general public	Revisions and modifications during the permit cycle if necessary

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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
MCM-6: Procedures for pavement cleaning practices	Yes	Yes	Municipal staff, schools, general public	Revisions and modifications during the permit cycle if necessary
MCM-6: Procedures for the regular inspection and cleaning of storm drains	Yes	Yes	Municipal Staff	Revisions and modifications during the permit cycle if necessary
MCM-6: Implement procedures for the use of alternative products	Yes	Yes	Municipal Staff, general public	Revisions and modifications during the permit cycle if necessary
MCM-6: Procedures for spill response and prevention plans	No	Yes	Municipal staff and general public	
MCM-6: Municipal Fleet motor oil and oil filters recycling program	Yes	Yes	Municipal staff and general public	Revisions and modifications during the permit cycle if necessary
MCM-6: Develop procedures for responsibly managing chemicals	No	Yes	Municipal staff and general public	

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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 Storm Water- Related Public Service Announcements	Increasing public awareness of the harmful effects of storm water runoff and its potential to affect the water quality.	The Communication Office shall develop, produce, and air five 30-second radio- based storm water-related public service announcement (PSA) segments.	The number of segments radioed each year
<b>BMP-2 Development and Distribution of Storm Water-Related Materials</b>	Increasing public awareness of the harmful effects of storm water runoff and its potential to affect the water quality.	Educational material distributed at schools and at public activities.	The number of copies in circulation The number of educational materials distributed to schools.
BMP-3 Storm Water Pamphlets, Booklets, and Flyers	Increasing public awareness of the harmful effects of storm water runoff and its potential to affect the water quality.	Pamphlets and educational material distributed at schools and in public activities, and to the municipal staff.	The number of target audiences and possible activities for each, and the number of materials created and distributed and/or displayed.

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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-4 Storm Drain Stenciling Program	Non-point sources and illicit discharges.	The number or percentage of storm drains stenciled The number of stenciling volunteers
BMP-5 Annual Cleanup	Non-point sources	The number of stream cleanups and/or the number of stream miles cleaned The quantity of trash and recyclables that were removed by the cleanup
BMP-6 Public Involvement Program	Increasing public involvement and participation in reducing the harmful effects of storm water runoff and its potential to affect the water quality.	The number of volunteers participating in monitoring programs and the frequency of monitoring in the watershed, the number of volunteer monitoring training sessions held
BMP-7 Community Hotline	Increasing public involvement and participation in reducing the harmful effects of storm water runoff and its potential to affect the water quality.	The number of calls received by hotlines The number of problems or incidents identified and remedied as a result of hotline calls.
BMP-7-a Information Access to the Community	The municipality will be required to develop an electronic portal so that the community will have access to the SWMP and the Annual Reports. This will include a period of time for general public's comments.	The implementation of the electronic portal The number of visits to the portal (participation)

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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-8 Storm Sewer System Map	The Planning Office shall develop a storm sewer system map	The linear feet of conveyances recorded The number of structural pollution control devices counted The number of discharge points recorded.
<b>BMP-9 Develop Regulations to Enforce Non-Storm Water Discharges</b>	The Legal Division and the Municipal Legislature will prepare ordinances to prohibit non-storm water discharges into the storm sewer system and shall develop and implement all procedures and actions required to appropriately enforce these regulations.	The number of ordinances and resolutions passed The number of penalties imposed
BMP-10 Illicit Discharges Educational Outreach	The planning office is educating the public, employees and commercial and industrial property owners on the hazards of improper waste disposal and ways to detect and eliminate illicit discharges.	The number of flyers, posters, or other public education tools distributed.
<b>BMP-11 Develop a Program to Detect, Identify and Eliminate Illicit Discharges</b>	The planning office has started a plan with the following steps: Identification of the discharge, identification of the source, notification to offenders, and elimination of the discharge.	Inventory conducted and sites prioritized for inspection. The number of illicit connections reported by business employees. The number of illicit connections found and eliminated.
BMP-12 Develop a Program to Detect, Identify, and Eliminate Illegal Solid Waste Dumping	The Municipal Legislature will prepare ordinances to prohibit illegal disposal of waste in an un-permitted area or into a storm drain system.	The number of ordinances and resolutions passed; the number of penalties enforced upon the participants of illegal dumps; and the number of illegal dumps reported by citizens.
<b>BMP-13 Develop a Program to Detect, Identify, and Eliminate Wastewater Connections to the Storm Drain System</b>	The Legal Division and the Municipal Legislature will prepare ordinances and resolutions to prohibit unwarranted connection of a wastewater system to a storm drain system.	The number of unwarranted connections reported by citizens and/or business employees and the number of unwarranted connections detected and eliminated. The number of penalties enforced upon the participants of unwarranted connections.
BMP-14 Develop a Program to Detect and Eliminate Sanitary Sewer Overflows	The Municipality will develop a standard operating procedure and forms for reporting and follow up of the sanitary sewer overflows to the PR Aqueducts and Sewer Authority (PRASA). PRASA is the commonwealth public corporation that operates the sanitary sewer system. The implementation will include a once a year training to all the municipal enforcement personnel.	The number of overflows reported and repaired

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<b>BMP-15 Develop a Program to Detect and Eliminate Failing Septic Systems</b>	The Municipal Public Works Department will develop a program to inspect, detect and eliminate failing septic systems.	The number of field tests and screen tests conducted The number of post construction inspections conducted. An inventory of tanks and when they were last serviced.

**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.)
<b>BMP-16 Construction Site Runoff Control Ordinances or Other Regulatory Mechanism</b>	The Municipal Legislature will develop ordinances to require erosion and sedimentation controls for polluted runoff from construction sites with a land disturbance of greater than or equal to 1/2 acre as well as the necessary approvals to ensure compliance	The number of new ordinances developed for enforcement of construction site storm water runoff control.
<b>BMP-17 General Construction Site Waste Controls</b>	The Municipality will require waste control at construction sites as well as the necessary approvals to ensure compliance. A standard operating procedure will be developed to conduct inspections on construction projects, imposed penalties for noncompliance and report non-compliance situations to the EQB and the EPA. This BMP will include the development of pre-construction review procedures related to environmental permits.	The number of inspections conducted and the number of penalties imposed.
<b>BMP-18 Construction Site Runoff Control: Information Submitted by the Public</b>	The Municipality plans to integrate the storm water Community Hotline to the existing municipal hotline operated by the Planning Office. A standard operating procedure will be developed with the process, and municipal employee should follow when receiving, investigating and inspecting a complaint regarding the contamination of storm water on construction projects.	The number of noncompliance reports received The number of construction site inspector follow-ups The number of stop-work notices issued.

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BMP-19 Construction Site Inspection and Enforcement	A program will be developed and implemented for the inspection of public and private projects, to impose penalties for non-compliance and report non-compliance situations to the EQB and the EPA. The Municipality will develop a standard operating procedure and inspection forms of the CES Plan and SWPPP and notification forms to report non-compliance situations regarding erosion and sedimentation controls to the EQB and the EPA. This BMP will include the inventory of active public and private construction sites.	The number of sites inspected and the number of enforcement actions taken.
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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-20 Post-Construction Storm Water Management Ordinances or other regulatory mechanisms	The municipality will develop regulations and ordinances to include low impact development techniques for new proposed land developments. Enforcement of those regulations will be performed through the municipal permits office, yet not established.	The number of new ordinances developed.
BMP-26 Inspection and Maintenance Program	The municipality will develop an inspection program to evaluate the operation of low impact development measures and BMBp's in new land developments. This will be part of the enforcement effort to be conducted by the proposed permits office.	The change in the proportion of well-maintained post-construction storm water control BMPs, as a result of the inspection and maintenance program.
BMP-26-a Inspection and Maintenance Program	The municipality will develop standard operation procedures for the implementation of measures to minimize long term impacts to the quality of the receiving waters, including long term BMP's post-construction maintenance inspections.	The number of facilities inspected

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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 or 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-27 Pet waste collection program	The Municipality will develop a pet waste collection program as a source control using a combination of educational outreach, municipal ordinance development and enforcement to encourage residents to clean up after their pets. The pet waste collection program will use public education, signs, and pet waste control ordinances for proper disposal techniques.	The number of employees trained in pollution prevention from source control, the number of signs and the number of ordinances or regulations.
BMP-28 Pollution prevention training program		The number of employees trained in preventing pollution from automobile maintenance activities and the number of spills reported. The number of educational materials distributed at garages, auto shops, and other automobile-related businesses.
BMP-29 Pollution prevention program: outdoor vehicle washing	The Municipality has developed educational materials (brochure and lecture) for the general public on the water quality impacts of the outdoor washing of vehicles. The material includes the good housekeeping practices that must be implemented to minimize the water quality impact on water bodies. Municipal employees will be trained once a year on the good housekeeping practices to be implemented during vehicle outdoors washing and pollution control.	The number of educational materials distributed at garages, auto shops, and other automobile-related businesses.
BMP-30 Procedures for pavement cleaning practices	The Municipality will develop a fact sheet with information regarding pavement cleaning practices and its impact on storm water runoff. These cleaning practices will be designed to remove surface sediment, debris, and other pollutants that are a potential source of pollution. This educational material will be distributed to municipal employees and posted on bulletin boards. Municipal employees will be trained once a year on the good housekeeping practices to be implemented during pavement cleaning and pollution control.	The number of scheduled parking and road cleanings Inventory of bridges and quantity of debris removed from construction sites.

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BMP-31 Procedures for the regular inspection and cleaning of storm drains	The municipality is implementing a cleaning program that reduced the quantity of trash that can gain access to the storm sewer system. This reduced the potential of trash and pollutants to gain access to the receiving waters	The number of catch basins cleaned regularly at constructions sites.
BMP-32 Implement procedures for the use of alternative products	The Municipality has developed a brochure with information of alternative products that will prevent their hazardous counterparts from being improperly disposed and contaminating storm water. The brochure was distributed on the municipal offices, schools, churches and businesses.	The number of materials distributed educating employees and the general public about alternate products.
BMP-33 Procedures for spill response and prevention plans	The municipality is in the process of developing procedures for spill response and prevention plan that shall state how to stop, contain, cleanup, dispose of contaminated materials, and train personnel to prevent and control future spills. This plan shall be applicable to all sites where hazardous waste are stored or used. The Municipality will also develop a fact sheet and a poster with information regarding spill prevention and control and its impact on storm water runoff. This educational material will be distributed to the municipal employees and posted on bulletin boards.	The number of leak-detection devices installed at municipal facilities; development of a spill response plan was developed for municipal facilities. The number of personnel trained in spill response.
BMP-34 Municipal Fleet motor oil and oil filters recycling program	The Municipality has developed a program to recovery and handling of used oil and filters of the municipal vehicle fleet. Rubén Martínez Oil Collection Services and Olein Recovery Corp. are the companies that recover these materials for disposal.	The number of gallons of used oil collected from municipal operations and the number of recycling facilities that collect oil from municipal operations.
BMP-35 Develop procedures for responsibly managing chemicals	The municipal facilities will be inspected to verify the procedures for management chemicals, such as fertilizers, solvents, paints, cleaners, and automotive products. The Municipality will develop a brochure and a poster with information regarding the management of chemicals and its impact on storm water runoff. This educational material will be distributed to the municipal employees and posted on bulletin boards. Municipal employees will be trained once a year on the management of chemicals and pollution control.	The number of facilities storing hazardous materials; the number of personnel trained in hazardous-material handling and storage. The number of materials distributed educating employees on storage of hazardous materials.

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**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: Orlando Ortiz Chevres

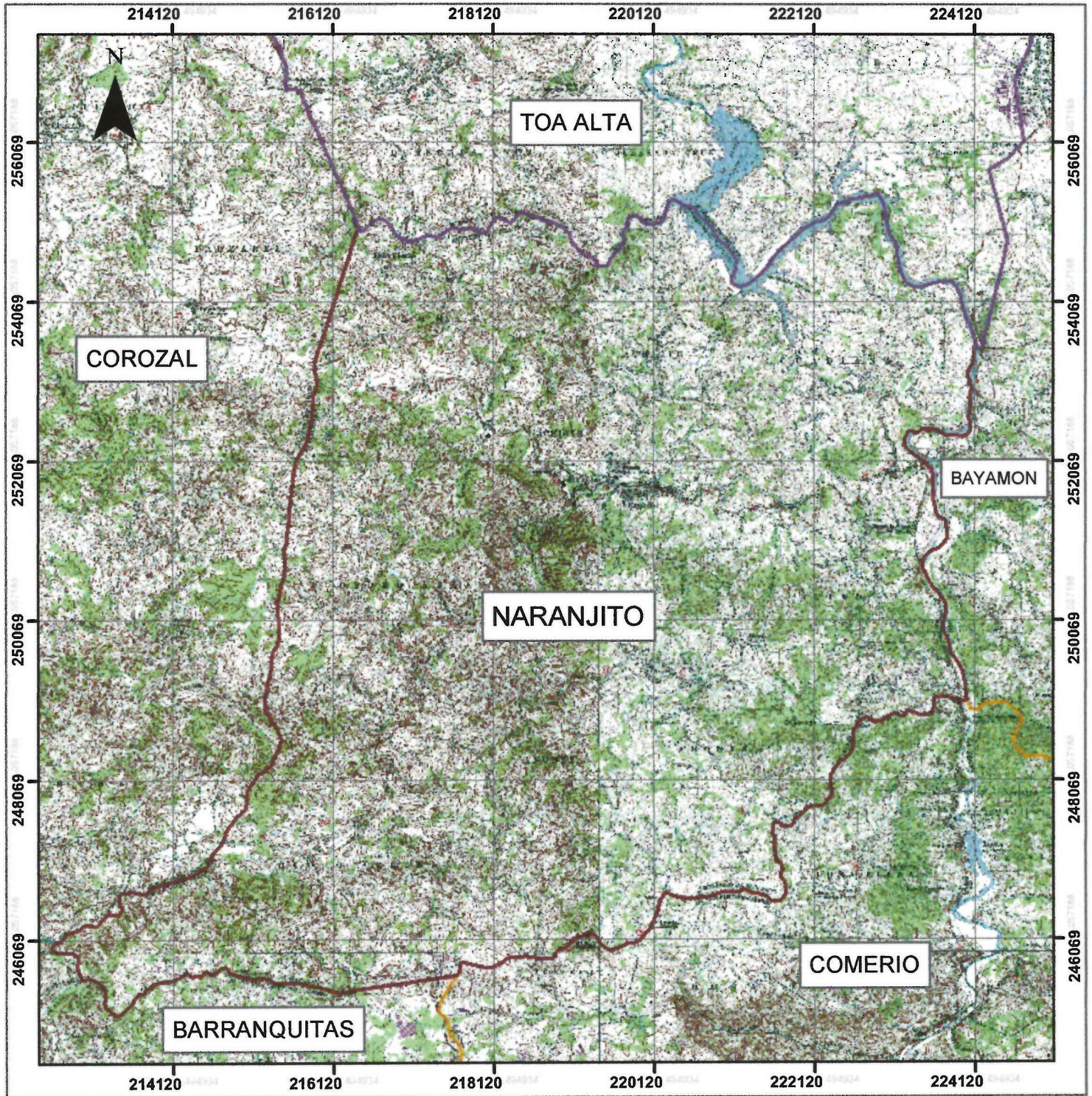
Title: Mayor

Date: 3/7/2017

## Appendix A

### MAPS

# Naranjito's Limits and Bordering Cities



## Legend

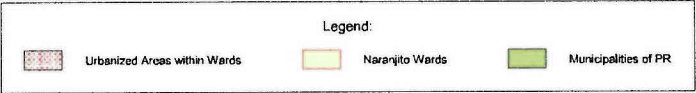
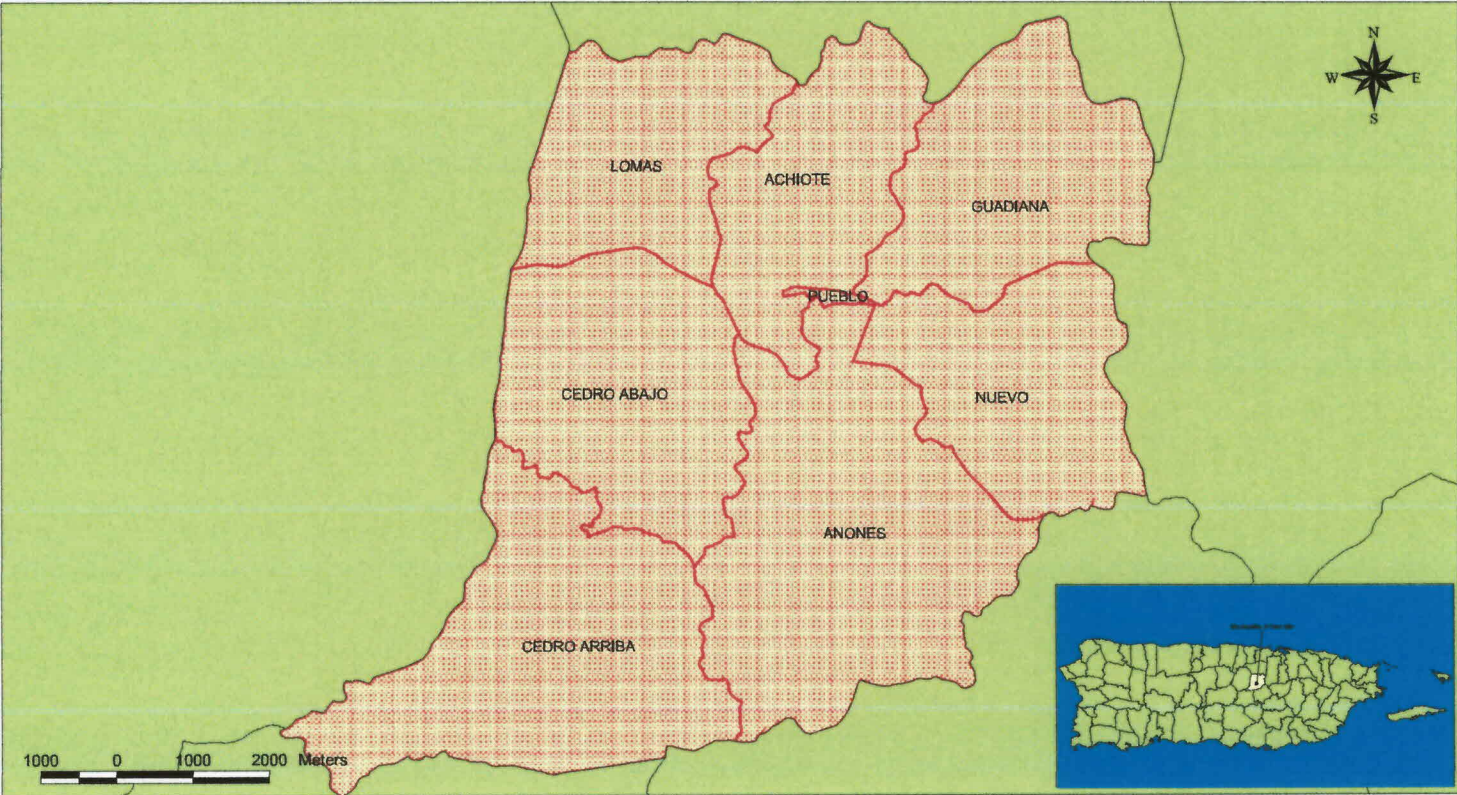
### Boundaries municipio

- Barranquitas
- Bayamón
- Comerío
- Corozal
- Naranjito
- Toa Alta

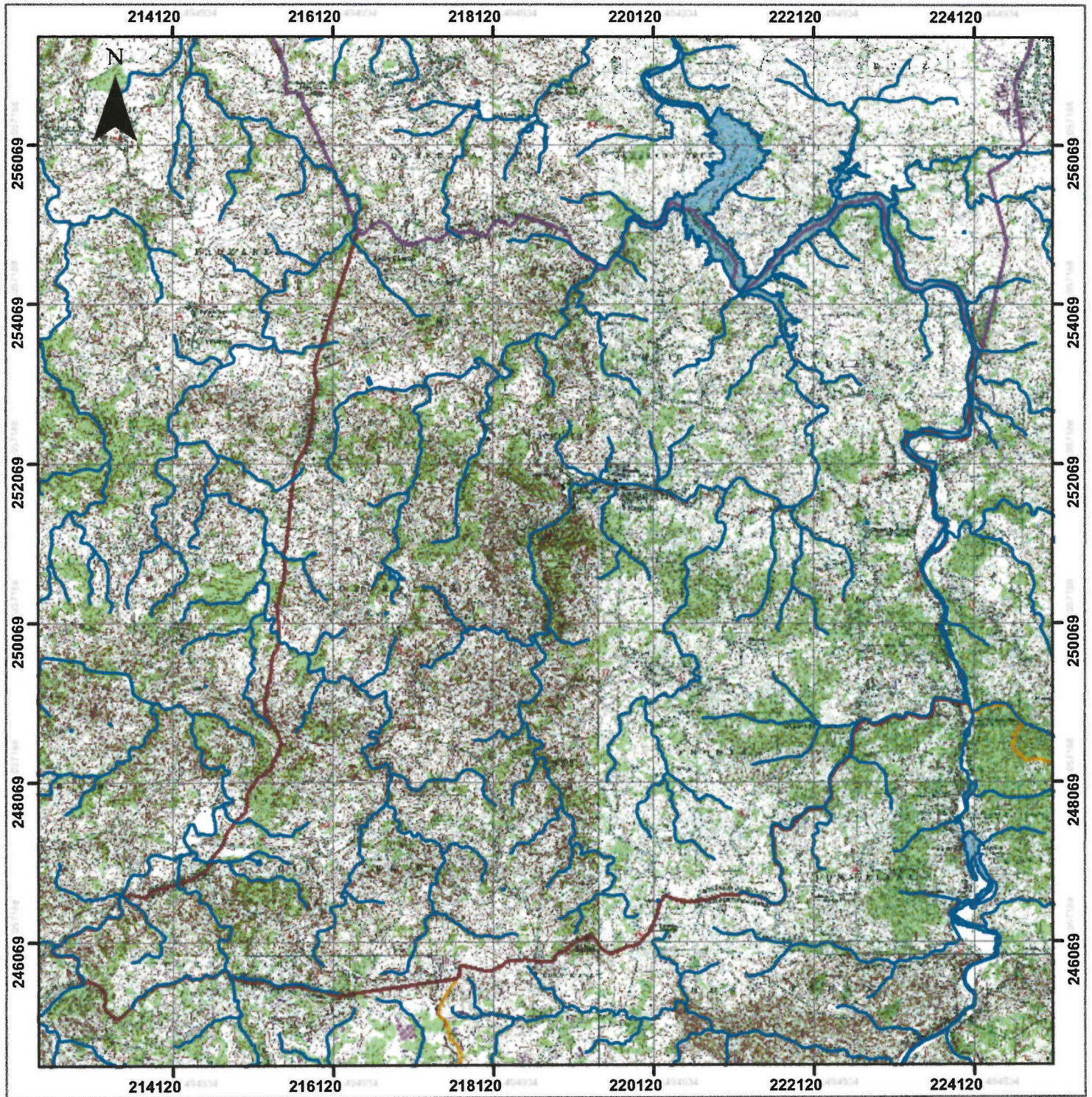
0 1,700 3,400 6,800 Meters



Wards  
NPDES Permit MS4 PRR0000, Municipality of Naranjito



# Naranjito's Hydrography



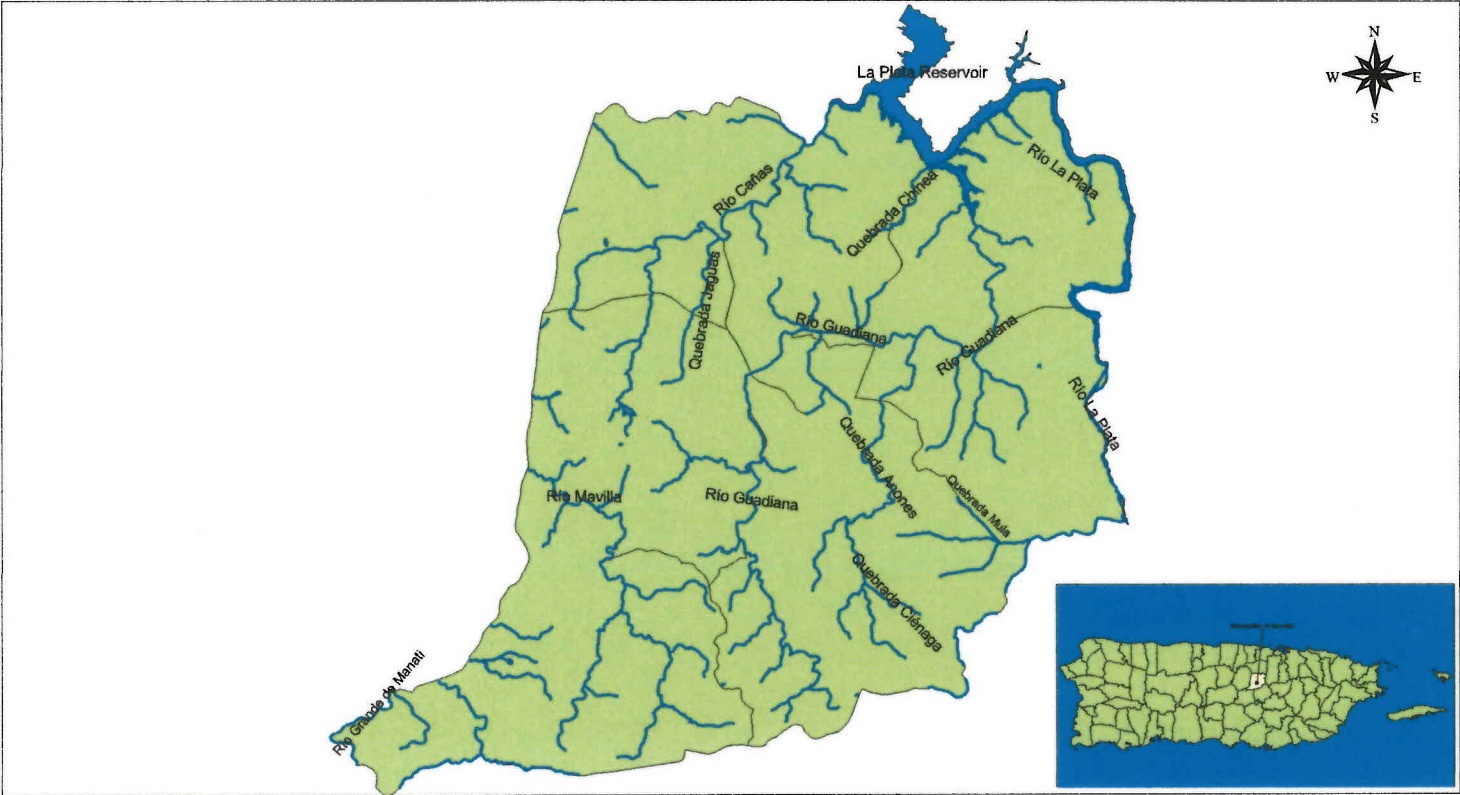
## Legend

### Boundaries municipio

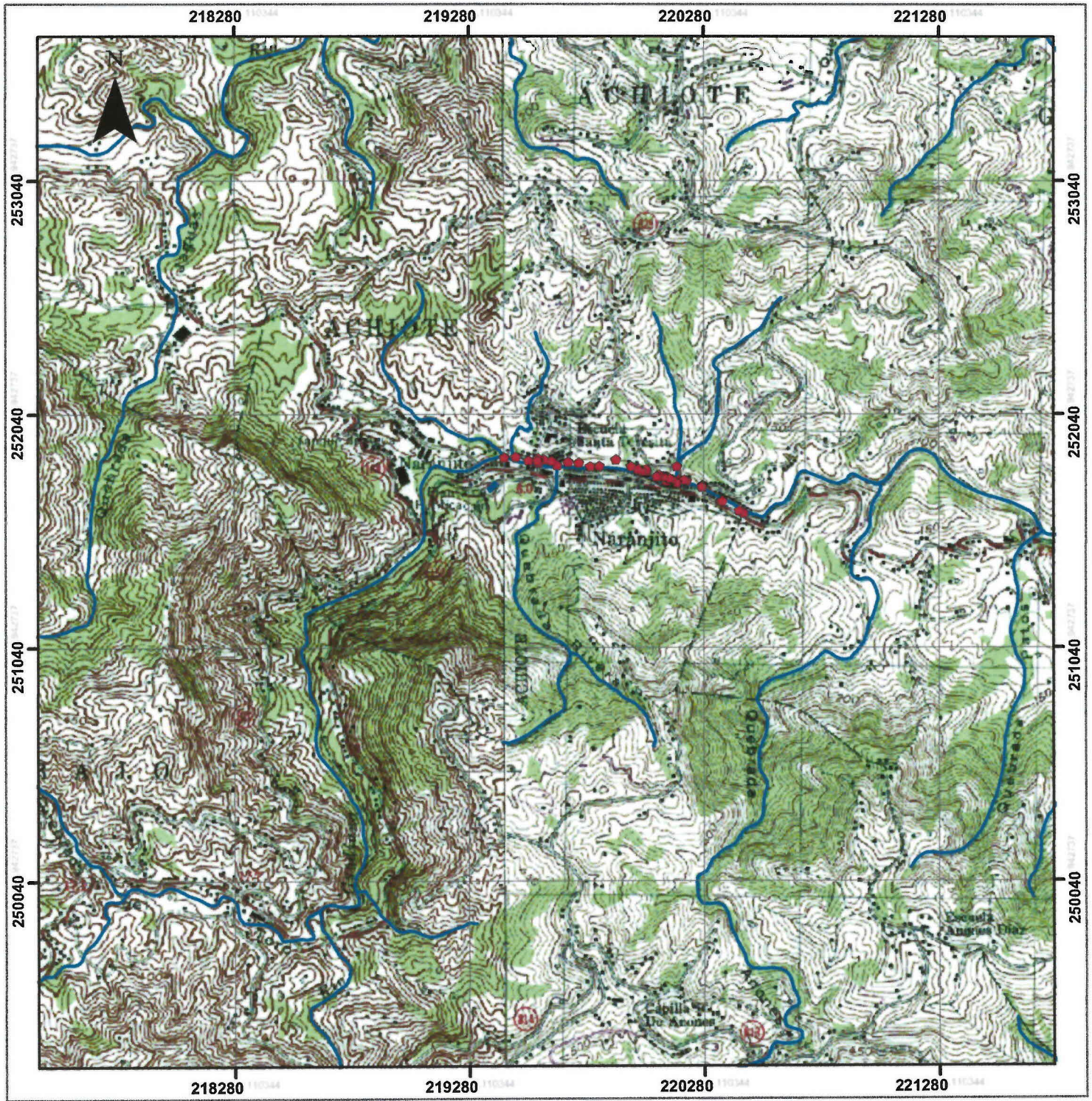
- Barranquitas
- Bayam??n
- Comer??o
- Corozal
- Naranjito
- Toa Alta
- Hydrography

0 1,700 3,400 6,800 Meters

Surface Water Bodies  
NPDES Permit MS4 PRR0000, Municipality of Naranjito



# Naranjito's MS4 Outfalls (down town)



## Legend

- Outfalls
- Boundaries**
- municipio**
- Barranquitas
- Bayam??n
- Comer??o
- Corozal
- Naranjito
- Toa Alta
- Hydrography

0 550 1,100 2,200 Meters



Appendix B  
US Fish and Wildlife Service Endorsement Letter



# United States Department of the Interior



## FISH AND WILDLIFE SERVICE

Caribbean Ecological Services

Field Office

P.O. Box 491

Boqueron, PR 00622

In Reply Refer To:  
FWS/R4/CESFO/72-105-GEN

**NOV 12 2016**

Mr. José O. Serrano Saez  
Director  
Po Box 53  
Naranjito, Puerto Rico 00719

Re: Naranjito NPDES MS4-2014  
Permit

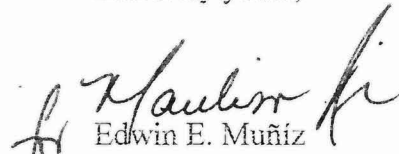
Dear Mr. Serrano:

We have reviewed your request for information about endangered and threatened species and their habitats for the above referenced project. Our comments are provided under the Endangered Species Act (Act) of 1973, as amended (87 Stat. 884, as amended; 16 United States Code 1531 et seq.).

The Municipality of Naranjito, Puerto Rico is requesting coverage under the 2014 NPDES (National Pollutant Discharge Elimination System) General Permit for the MS4 (Municipal Separate Storm Sewer System).

Based on the information provided and the nature of the permit we believe that the storm water discharge is not likely to adversely affect federally listed threatened or endangered species or their designated critical habitat(s) under our purview. Therefore, no further consultation is required. Nevertheless, if the project is modified or if information on impacts to listed species becomes available this office should be contacted concerning the need for the initiation of consultation under section 7 of the Act.

Sincerely yours,

  
Edwin E. Muñiz  
Field Supervisor

ages

cc  
EPA, San Juan