
NOTICE OF INTENT
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT
PRR040000/PRR04000F
MUNICIPAL SEPARATE STORM SEWER SYSTEMS 2016



MUNICIPALITY OF RIO GRANDE
PO Box 847
RIO GRANDE, PR 00745

2018 NOV 20 AM 9:28

U.S. EPA
RECEIVED

Submitted to:

U.S. ENVIRONMENTAL PROTECTION AGENCY – REGION II
CARIBBEAN ENVIRONMENTAL PROTECTION DIVISION
City View Plaza, Suite 7000
#48 165 Rd Km 1.2
Guaynabo, Puerto Rico 00968

November 2018

Table of Content

1.0 NPDES (NOTICE OF INTENT) PERMIT APPLICATION 1

1.1 BACKGROUND1

1.2 2016 MS4 GENERAL PERMIT1

1.3 NOTICE OF INTENT FORM FOR MS4 IN PUERTO RICO (APPENDIX F)2

1.3.1 Part A. General Information2

1.3.2 Part B. Primary MS4 Program Manager Contact Information.....2

1.3.3 Part C. Eligibility Determination3

1.3.4 Part D. Map/Boundaries.....3

1.3.5 Part E. MS4 Infrastructure4

1.3.6 Part F. Bylaw/Ordinance Development.....4

1.3.7 Part G. Receiving Waters4

1.3.8 Part H. Summary of Stormwater Management Program (SWMP) under the 2006
Small MS4 General Permit6

1.3.9 Part I. 2016 Stormwater Management Program (SWMP) Summary 11

1.3.9.1 Public Education and Outreach 11

1.3.9.2 Public Involvement.....12

1.3.9.3 Illicit Discharge Detection and Elimination13

1.3.9.4 Construction Site Stormwater Runoff Control14

1.3.9.5 Post-Construction Stormwater Management in New Development and
Redevelopment.....16

1.3.9.6 Good Housekeeping and Pollution Prevention in Municipal Operations16

1.3.10 Part J. Application Certification and Signature 19

APPENDICES

APPENDIX A – FIGURES

- LOCATION/BOUNDARIES MAP
- SURFACE WATERBODIES
- RECEIVING WATERBODIES MAP
- “URBANIZED AREAS”
- POTABLE WATER SOURCES

APPENDIX B – ESA AND NHPA ELIGIBILITY DETERMINATION

- U.S. FISH AND WILDLIFE SERVICE ENDANGERED SPECIES ACT ELIGIBILITY DETERMINATION
- NATIONAL HISTORIC PRESERVATION ACT ELIGIBILITY DETERMINATION CRITERIA

APPENDIX C – REQUEST FOR INFORMATION PURSUANT TO SECTION 308 OF THE CLEAN WATER ACT SUBMITTAL OF A NOTICE OF INTENT UNDER THE 2016 SMALL MS4 GENERAL PERMIT

1.0 NPDES (NOTICE OF INTENT) PERMIT APPLICATION

1.1 BACKGROUND

In 1972, Congress amended the Clean Water Act (CWA) to prohibit the discharge of any pollutant to waters of the United States from point sources unless the discharge is authorized by a National Pollutant Discharge Elimination System (NPDES) permit. Initial efforts under the NPDES program focused on reducing pollutants in discharges of industrial process wastewater and municipal sewage. As pollution control measures have been implemented, it has become evident that diffuse sources or nonpoint sources are also contributors of water quality degradation. In 1990, the US Environmental Protection Agency (EPA) promulgated rules establishing Phase I of the NPDES storm water program. The Phase I program for Municipal Separate Storm Sewer Systems (MS4s) requires operators of "medium" and "large" MS4s, that is, those that generally serve populations of 100,000 or greater, to implement a Storm Water Management Program (SWMP) as a means to control polluted discharges from these MS4s. EPA published the Storm Water Phase II Rule on December 9, 1999 which covers all small MS4s located in "urbanized areas" as defined by the Bureau of the Census.

As outlined in these regulations the Autonomous Municipality of Rio Grande is required to submit an application for permit coverage as well as a Storm Water Management Program (SWMP). On August 14, 2009 the Municipality submitted a Notice of Intent (NOI) for coverage under the 2006 NPDES MS4 General Permit and on November 9, 2009 they were issued coverage with Permit Number PRR040050. The Municipality developed and submitted a SWMP on February 2010 and is currently on Year 8 of its implementation.

1.2 2016 MS4 GENERAL PERMIT

The General Permit for Stormwater Discharges from Small Municipal Separate Storm Sewer Systems in the Commonwealth of Puerto Rico, Permit Number PRRR040000 effective July 1, 2016 requires permittees to submit NOI within 90 days of the effective date of the permit.

"Operators of Small MS4s seeking authorization to discharge under the terms and conditions of this permit shall submit a complete and accurate NOI that contains the information identified in Appendix F. This includes operators of small MS4s that were previously authorized under the November 6, 2006 Small MS4 General Permit."

The Municipality of Rio Grande did not submit an NOI for the 2016 NPDES MS4 GP within the stipulated time as required by the Permit. However, in response to the Request for Information received from EPA additional time was requested to develop and submit an NOI (See Appendix C).

1.3 NOTICE OF INTENT FORM FOR MS4 IN PUERTO RICO (APPENDIX F)

1.3.1 PART A. GENERAL INFORMATION

1. Name of Municipality or Organization: **Municipality of Rio Grande**

2. Type: Federal State Municipality Other:

3. Existing Permittee: Yes No

If yes, provide EPA NPDES Permit Number: **PRR040050**

4. Location Address:

a. Street: **Casa Alcaldía, Calle San Jose**

b. City: **Rio Grande** State: **PR** Zip Code: **00745**

5. Mailing Address:

a. Street: **P.O. Box 847**

b. City: **Rio Grande** State: **PR** Zip Code: **00745**

6. Telephone Number: **(787) 887-2370** Fax: **(787) 888-1515**

7. E-mail: **adiazconde@riogrande.gov.pr**

8. Standard Industrial Classification (SIC) Code: **9199**

9. Latitude: **18°22'04"N** Longitude: **65°49'47"W**

2.2.4.2 *Approximate center of the regulated portion of the MS4.*

1.3.2 PART B. PRIMARY MS4 PROGRAM MANAGER CONTACT INFORMATION

1. Name: **Aurielee Díaz Conde**

2. Position Title: **Director of Land Use Office**

3. Stormwater Management Program (SWMP) Location (web address or physical location): **Casa Alcaldía, Calle San Jose, Rio Grande, PR**

4. Mailing Address:

a. Street: **PO Box 847**

b. City: **Rio Grande** State: **PR** Zip Code: **00745**

5. Telephone Number: **(787) 887-2370**

6. E-mail: **adiazconde@riogrande.gov.pr**

1.3.3 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

1.3.4 PART D. MAP/BOUNDARIES

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

The Municipality of Rio Grande is located in the Northern Coastal Valley of Puerto Rico and is known as the City of El Yunque. The Municipality of Rio Grande has a territorial extension of 89.6 square miles and a population of 54,253 inhabitants, according to the 2010 Census. The Municipality is bound from the north by the Atlantic Ocean; from the south by the Municipalities of Las Piedras, Naguabo and Ceiba; from the west by the Municipalities of Loíza and Canóvanas; and from the east by the Municipalities of Luquillo and Fajardo.

The municipality is spread over 9 barrios/wards: Rio Grande Pueblo, Herrera, Zarzal, Cienaga Baja, Cienaga Alta, Guzmán Abajo, Guzmán Arriba, Jiménez and Mameyes II, all of which partially or completely fall under the "urbanized areas". The main rivers located within the Municipality are Rio Herrera, Rio Grande, Rio Espiritu Santo and Rio Mameyes.

The Municipality of Rio Grande's Storm Water Sewer System (MS4) in the urban areas, in general, consists of a series of catch basins, typically located within the right-of-way of municipal and state Commonwealth roads, interconnected by underground concrete which normally discharge to its main rivers and their tributaries, which eventually discharge to the Atlantic Ocean. In the rural areas, the MS4 typically consists of a series of interconnected open channel culverts, which run parallel to municipal and state Commonwealth roads, and usually discharge to a surface water body. Interconnected to the MS4 are the storm water sewer systems owned and operated by the Puerto Rico Department of Transportation and Public Works and adjoining municipalities. Also interconnected to the MS4, are the discharges from NPDES (Stormwater) permitted facilities. An estimate of the capacity and square millage of the MS4 can be determined once the MS4 Map is developed.

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

1.3.5 PART E. MS4 INFRASTRUCTURE

1. Estimated Percent of Outfall Map Complete? (*Part 4.2.3 of 2006 general permit*):
0% outfall map complete

a. If 100% of 2006 requirements are not met, enter an estimated date of completion:
November 2019

b. Web address where MS4 map is published: **N/A**

1.3.6 PART F. BYLAW/ORDINANCE DEVELOPMENT

1. Illicit Discharge Detection and Elimination (IDDE) authority adopted?

Yes No

a. Effective Date or Estimated Date of Adoption: **November 2019**

2. Construction/Erosion and Sediment Control authority adopted?

Yes No

a. Effective Date or Estimated Date of Adoption: **November 2019**

3. Post-Construction Stormwater Management adopted?

Yes No

a. Effective Date or Estimated Date of Adoption: **November 2019**

1.3.7 PART G. RECEIVING WATERS

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 Herrera (PRER15A and PREE15A)	TBD	No	Low Dissolved Oxygen	Fecal Coliforms
Rio Espíritu Santo (PRER16A and PREE16A)	TBD	No	None	Fecal Coliforms
Rio Mameyes (PREE17A)	TBD	No	None	Fecal Coliforms
Rio Canóvanas (PRER14B)	TBD	No	Low Dissolved Oxygen	Fecal Coliform
Rio Grande	TBD	No	None	None

Quebrada Grande (PREQ14E)	TBD	No	None	Fecal Coliforms
Caño Rodríguez (PREE16.1)	TBD	No	None	None
Coast Punta Vacía Talega to Punta Miquillo (PREC16)	TBD	No	Low Dissolved Oxygen and Turbidity	None
Coast Punta Miquillo to Punta La Bandera	TBD	No	Low Dissolved Oxygen and Turbidity	None

TBD- To be determined

*List of Pollutants causing impairment according to the 305(b)/303(d) Integrated Report for the 2016 Assessment Cycle

1.3.8 PART H. SUMMARY OF STORMWATER MANAGEMENT PROGRAM (SWMP) UNDER THE 2006 SMALL MS4 GENERAL PERMIT

BMP Description	Goal Achieved? (Yes/No)	Continued in next permit cycle? (Yes/No)	Who was the targeted audience? Explain reason for not achieving goal.	Modification to goals or BMP for next permit cycle
MCM1: PUBLIC EDUCATION				
BMP-1 Distribute educational materials to target audiences	No	Yes	General Public, Schools and Commerce Goal was not reached due to lack of personnel and resources.	No
BMP-2 Provide presentations at town meetings and/or schools, community and civic groups	No	Yes	General Public, Schools and Commerce Goal was not reached due to lack of personnel and resources.	No
BMP-3 Distribute educational materials to target audiences	No	Yes	General Public, Schools and Commerce Goal was not reached due to lack of personnel and resources.	No
MCM2: PUBLIC INVOLVEMENT				
BMP-1 Community Clean-up events at nine (9) wards and work in collaboration with communities, groups and local, private and/or public entities	No	No	General Public Goal was not reached due to lack of personnel and resources.	This BMP will be modified, the Municipality will continue to support local organizations and initiatives such as the Annual Beach Cleanup hosted by Scuba Dogs.

BMP Description	Goal Achieved? (Yes/No)	Continued in next permit cycle? (Yes/No)	Who was the targeted audience? Explain reason for not achieving goal.	Modification to goals or BMP for next permit cycle
BMP-2 Participate in Clean-up events with community groups in environmentally sensitive or problem areas in our Municipality	No	Yes	General Public Goal was not reached due to lack of personnel and resources.	No
BMP-3 Conduct open public hearing on stormwater issues	No	Yes	General Public Goal was not reached due to lack of personnel and resources.	No
BMP-4 Stakeholder meetings	No	No	General Public Goal was not reached due to lack of personnel and resources.	This BMP will be part of the Annual Public Meeting.
MCM3: ILLICIT DISCHARGE DETECTION AND ELIMINATION				
BMP -1 Map storm sewer system	No	Yes	Goal was not reached due to lack of personnel and resources.	Map shall include elements required in the GP-2016 Sec. 2.4.4.6
BMP-2 Creation of an illicit discharge ordinance and/or regulatory mechanism to allow inspections and penalize violations	No	Yes	Goal was not reached due to lack of personnel and resources.	No
BMP-3 Develop a plan to detect and eliminate illegal discharges in priority areas	No	Yes	Goal was not reached due to lack of personnel and resources.	The Municipality will develop an IDDE Program according to requirements in GP-2016 sec. 2.4.4.8

BMP Description	Goal Achieved? (Yes/No)	Continued in next permit cycle? (Yes/No)	Who was the targeted audience? Explain reason for not achieving goal.	Modification to goals or BMP for next permit cycle
MCM 4: CONSTRUCTION SITE STORMWATER RUNOFF CONTROL				
BMP-1 Develop a system or mechanism to attend citizen's complaints from construction projects in the municipality	No	Yes	Designers Developers Contractors Inspectors Goal was not reached due to lack of personnel and resources.	No
BMP-2 Create an ordinance or other regulatory mechanism to prohibit illegal discharges and waste control from construction projects in the municipality due to poor implementation of ESC (Erosion and Sediment Control) Plan in projects of one acre or more	No	Yes	Designers Developers Contractors Inspectors Goal was not reached due to lack of personnel and resources.	No
BMP-3 Require State Agencies and/or any State permitting authority to make inspections and take enforcement actions in projects identified by the Municipality as non-compliant with stormwater runoff controls or to require reviews of site plans.	No	Yes	Designers Developers Contractors Inspectors Goal was not reached due to lack of personnel and resources.	Will be included in the construction site plan review and inspection procedures.

BMP Description	Goal Achieved? (Yes/No)	Continued in next permit cycle? (Yes/No)	Who was the targeted audience? Explain reason for not achieving goal.	Modification to goals or BMP for next permit cycle
MCM 5: POST-CONSTRUCTION				
BMP-1 Create an ordinance or other regulatory mechanism requiring that any new municipal development greater or equal to one acre establish post-construction runoff controls	No	Yes	Designers Developers Contractors Inspectors Enforcement personnel The Municipality has not achieved its goal because it is evaluating mechanisms to implement this BMP.	No
BMP-2 Promote greener vegetative practices in the MS4 in municipal projects	No	Yes	Designers Developers Contractors Inspectors The Municipality has not achieved its goal because it is evaluating mechanisms to implement this BMP.	Will be included in the Structural and Non-Structural BMPs Guide to be developed.
MCM 6: POLLUTION PREVENTION (GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS)				
BMP-1 Employee Trainings	No	Yes	Municipal employees Goal was not reached due to lack of personnel and resources.	No

BMP Description	Goal Achieved? (Yes/No)	Continued in next permit cycle? (Yes/No)	Who was the targeted audience? Explain reason for not achieving goal.	Modification to goals or BMP for next permit cycle
BMP-2 Storm drain cleaning	Yes	Yes	The Municipality provides routine maintenance to the storm sewer system.	This BMP will be part of O&M Programs developed.
BMP-3 Stormwater inspections of municipal facilities	No	Yes	Municipal employees Goal was not reached due to lack of personnel and resources.	This BMP will be part of O&M Programs and SWPPPs developed for facilities.

1.3.9 PART I. 2016 STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY

1.3.9.1 PUBLIC EDUCATION AND OUTREACH

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.)
Distribution of Educational Material related to storm water management	Illicit Discharges Pet Waste Vehicle Maintenance and Washing Septic System Maintenance	Brochures, newsletters, flyers and posters available through the Municipal webpage	Number of downloaded materials
Stormwater related Public Service Announcements	Erosion and Sediment Control Waste Management Septic System Maintenance Storm Sewer System Maintenance	Public Service Announcements transmitted through local radio station	Number of announcements transmitted per month.
Educational Outreach with Schools	Stormwater issues and recommended BMPs	Environmental activities conducted with schools and educational materials developed for school aged children.	Number of schools and children that participated and received information regarding stormwater topics.

1.3.9.2 PUBLIC INVOLVEMENT

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.)
Annual Clean-up	The Annual Beach Clean-up takes place once a year with the participation of community volunteers, Scuba Dogs Society and the Municipality.	The number of volunteers and waste collected will determine program effectiveness.
Environmental Complaint Hotline	Environmental Complaints will be received and investigated by the Citizens Service Office. A complaint form will also be available through the Municipal webpage.	The amount of complaints received and resolved
Annual Public Meeting	The Municipality will hold an annual meeting to allow the public to participate in the review and implementation of the SWMP	The number of people attending the meetings

1.3.9.3 ILLICIT DISCHARGE DETECTION AND ELIMINATION

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.)
Storm Sewer System Map	The Map will include elements required in section 2.4.4.6 (a)(i) of GP-2016.	The measurable goal will be met once the Map is completed in its entirety.
Implement Regulations to Enforce Non-stormwater Discharges	An IDDE Ordinance will be developed and implemented.	Number of Illicit Discharges detected and eliminated
Program to Detect, Identify and Eliminate Illegal Discharges	The Program shall include requirements in Sec 2.4.4.8 of GP-2016, including catchment priority ranking, investigation and sampling procedures.	Number of Illicit Discharges detected and eliminated
Outfall Inventory	Outfalls will be identified and inspected according to Sec 2.4.4.7 of GP-2016.	Number or of outfalls identified and inspected
Program to Detect and Eliminate Sanitary Overflows	SSOs will be inspected and eliminated according to Sec 2.4.4.4 of GP-2016.	Number of SSOs identified and eliminated

1.3.9.4 CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

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.)
Ordinance or Other Regulatory Mechanism	The Municipality will develop and implement a municipal ordinance requiring erosion and sedimentation controls for polluted runoff from construction sites with a land disturbance greater than or equal to one acre (4,046.8564 square meters) or if the construction activity disturbs less than one acre but is part of a larger common plan of development or sale that would disturb one acre or more.	The number of regulatory mechanisms created and the number of penalties imposed.
General Construction Site Erosion, Sediment and Waste Controls	<p>To comply with this BMP, the Municipality will develop an ordinance for storm water runoff control at construction sites. Inspections will be conducted at construction sites with a land disturbance greater than or equal to one acre.</p> <p>The implementation includes trainings to inspection staff and construction related professionals.</p>	Number of inspections conducted.
Construction Site Plan reviews	<p>The Municipality will develop a Standard Operating Procedure (SOP) and Forms to request copies of NPDES Construction General Permit and General Consolidated Permit prior to project initiation.</p> <p>The implementation includes trainings to inspection staff and construction related professionals.</p>	Number of construction projects inspected.

Information Submitted by the Public	The Municipality will develop a Standard Operating Procedure (SOP) for processing complaints regarding storm water contamination at construction sites.	Number of reports received. Number of inspections conducted.
Construction Site Inspection and Enforcement	The Municipality will develop a Standard Operating Procedure (SOP) and Forms for the inspection of construction sites. The SOP details the inspection process that will be followed by the Municipality. The implementation includes trainings to inspection staff and construction related professionals.	Number of inspections conducted.
Construction Site Inventory	The Municipality will maintain an inventory of all construction projects greater than 1 acre within the Municipality.	Number of projects included in inventory

1.3.9.5 POST-CONSTRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

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.)
Ordinances or Other Regulatory Mechanisms	The Municipality will develop an ordinance and/or regulatory mechanism for storm water management post-construction. The goal of the ordinance will be to limit surface runoff volumes and reduce stormwater runoff pollutant loadings.	The development of the municipal ordinance and approval of the municipal ordinance by the Municipal Legislature and Mayor; The development of SOP for the review and inspection of O&M Plans;
Structural and Non-Structural BMPs Guide	The Municipality will develop a guide to promote the use of structural and non-structural BMPs on new developments and redevelopments.	The number of structural and non- structural BMPs used; The number of educational materials distributed; and The number of BMPs installed to manage runoff
Inspection and Maintenance Program	The Municipality will develop an inspection and maintenance program to maintain the effectiveness of post-construction storm water controls. BMP's.	The number of agreements approved for Post Construction BMP's; and The number of inspections conducted .

1.3.9.6 GOOD HOUSEKEEPING AND POLLUTION PREVENTION IN MUNICIPAL OPERATIONS

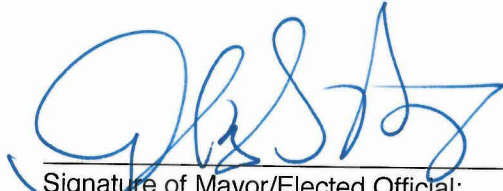
BMP Description or BMP ID (e.g. MCM-1)	Program Description (Describe the program and how it will mitigate stormwater runoff at municipal properties ort through municipal activities, e.g. installation of structural	Measurable Goal (What is the end result of this program? What indicator will determine the goal has been met? (e.g., structural BMPs installed, SOPs developed and implemented, etc.)

	stormwater controls on the municipal properties, new practices to reduce pollutant exposure to rain events, runoff management, trainings, etc.)	
Operations and Maintenance (O & M) Programs	<p>The municipality will develop an inventory of all facilities and identify priority facilities by the activities conducted and their stormwater pollution potential.</p> <p>The municipality will develop written operations and maintenance (O&M) procedures for the municipal activities identified, such as:</p> <ul style="list-style-type: none"> • Parks and open spaces • Buildings and facilities where pollutants are exposed to stormwater runoff • Vehicles and Equipment • Infrastructure Operations and Maintenance 	<p>Inventory of municipal facilities;</p> <p>The number of operation and maintenance procedures developed;</p> <p>The frequency of inspection and maintenance visits to facilities;</p> <p>The number of personnel trained O & M procedures; and</p> <p>The number of educational materials distributed to municipal employees with information of O & M procedures.</p>
Spill Response and Prevention Program	<p>The Municipality shall develop procedures for spill response and prevention that shall state how to prevent, contain, clean, dispose of spilled contaminated materials</p> <p>These procedures shall be applicable to all sites where petroleum products and/or hazardous materials are stored or used.</p> <p>Municipal employees directly involved in the implementation of these procedures will be trained will be trained at least once a year on spill response and prevention techniques.</p>	<p>Inventory of municipal facilities at risk for spills;</p> <p>The number of preventative maintenance procedures performed on tanks, valves, pumps, pipes, and other equipment;</p> <p>Development of a spill response plan for municipal facilities;</p> <p>The number of personnel trained in spill response and prevention techniques; and</p> <p>The number of educational materials distributed to municipal employees with information of spill response and prevention plans.</p>

Staff Training Program	The trainings will be provided at least once a year for municipal employees directly involved in activities with stormwater pollution potential.	The number of personnel trained in spills response and prevention techniques, good housekeeping practices and materials and waste management (hazardous and non-hazardous).
Stormwater Pollution Prevention Programs (SWPPP)	Develop and fully implement a SWPPP for the following municipality-owned or operated facilities: maintenance garages, public works yards, transfer stations, and other waste handling facilities where pollutants are exposed to stormwater. SWPPPs shall include all elements required in Part 2.4.7.2 (b)(i-vi) of GP-2016.	Inventory of municipal facilities that require SWPPP; Development of SWPPP for municipal facilities; The frequency of inspections visits at municipal facilities; The number of personnel trained in SWPPP; and The number of educational materials distributed to municipal employees with information of spill response and prevention plans.

1.3.10 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:

Hon. Angel González Damudt
Print Name of Mayor/Elected Official:

Title: Mayor of Rio Grande

Date: 15th November of 2018

APPENDIX A – FIGURES

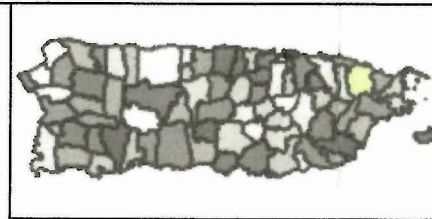
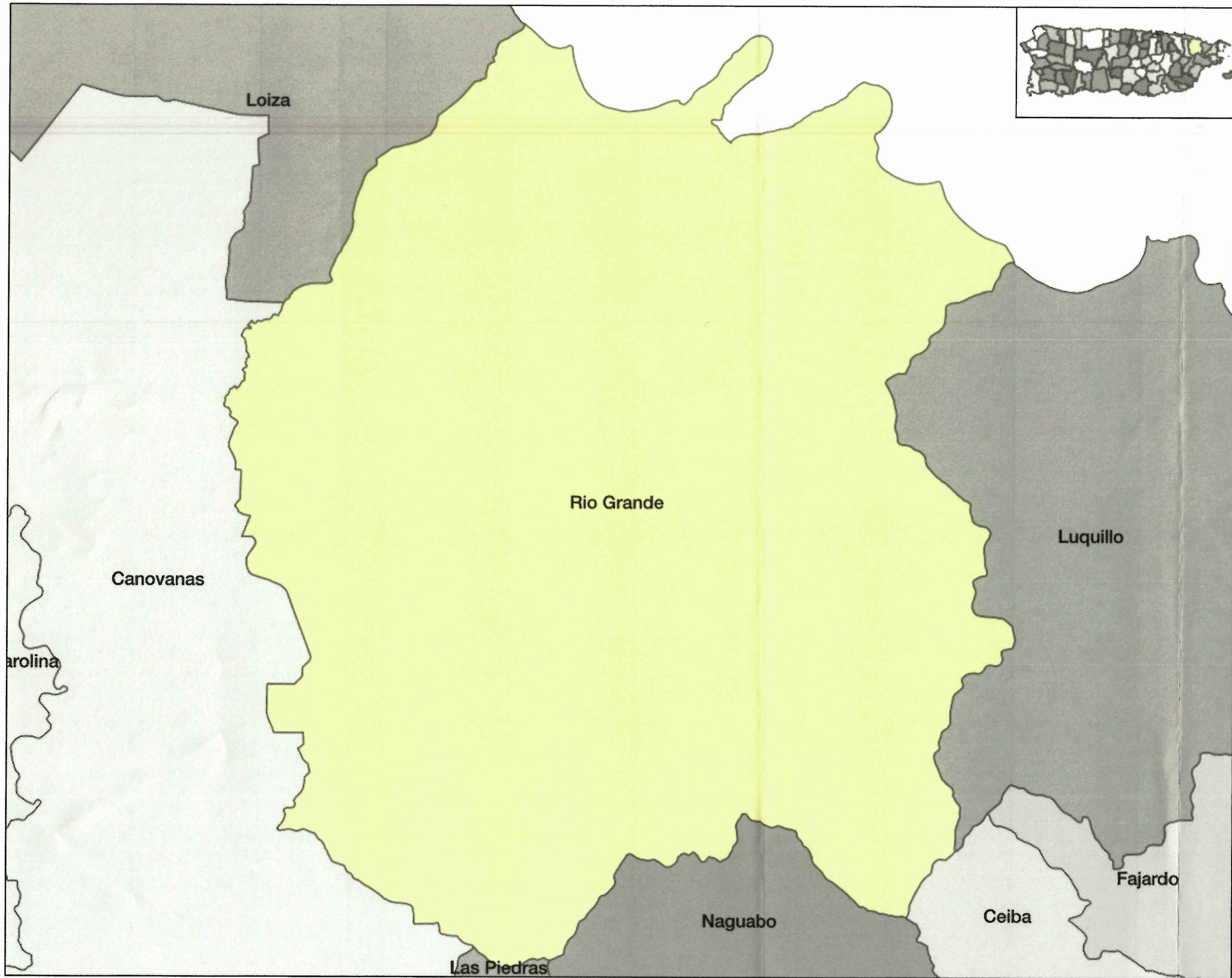
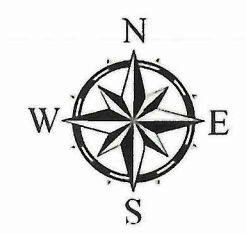
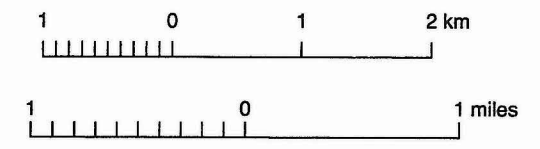


Figure 1
Location Map
 SWMP- NPDES MS4 PRR040050
 Municipality of Rio Grande



Legend
 Municipality
 Rio Grande

Projection:
 State Plane Coordinate System - Puerto Rico
 Horizontal Datum - NAD83



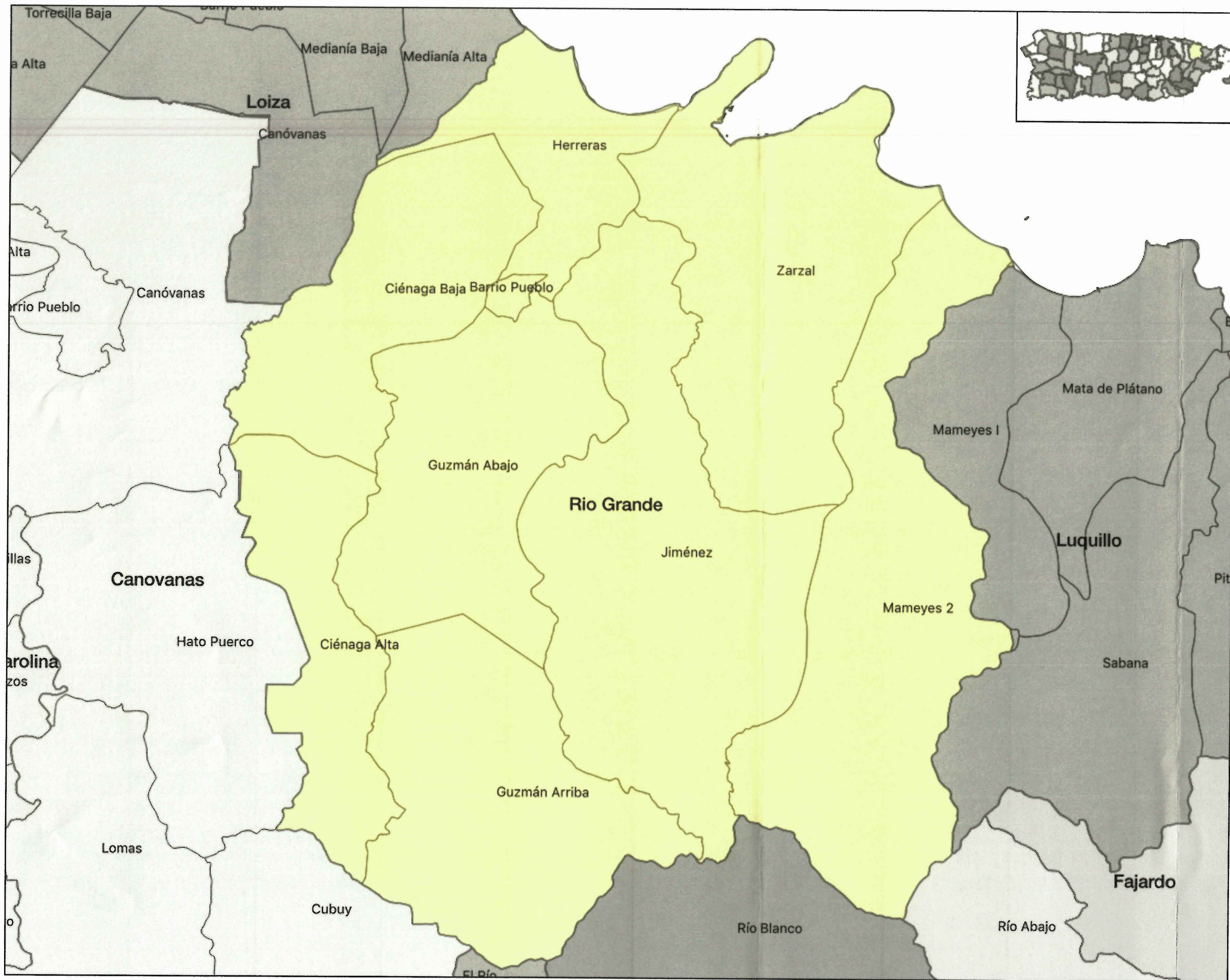
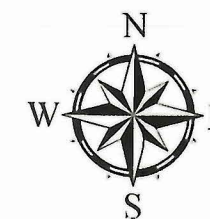


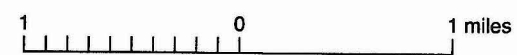
Figure 2
Wards Map
SWMP- NPDES MS4 PRR040050
Municipality of Río Grande



Legend

- Municipality
- Río Grande
- Wards

Projection:
 State Plane Coordinate System - Puerto Rico
 Horizontal Datum - NAD83



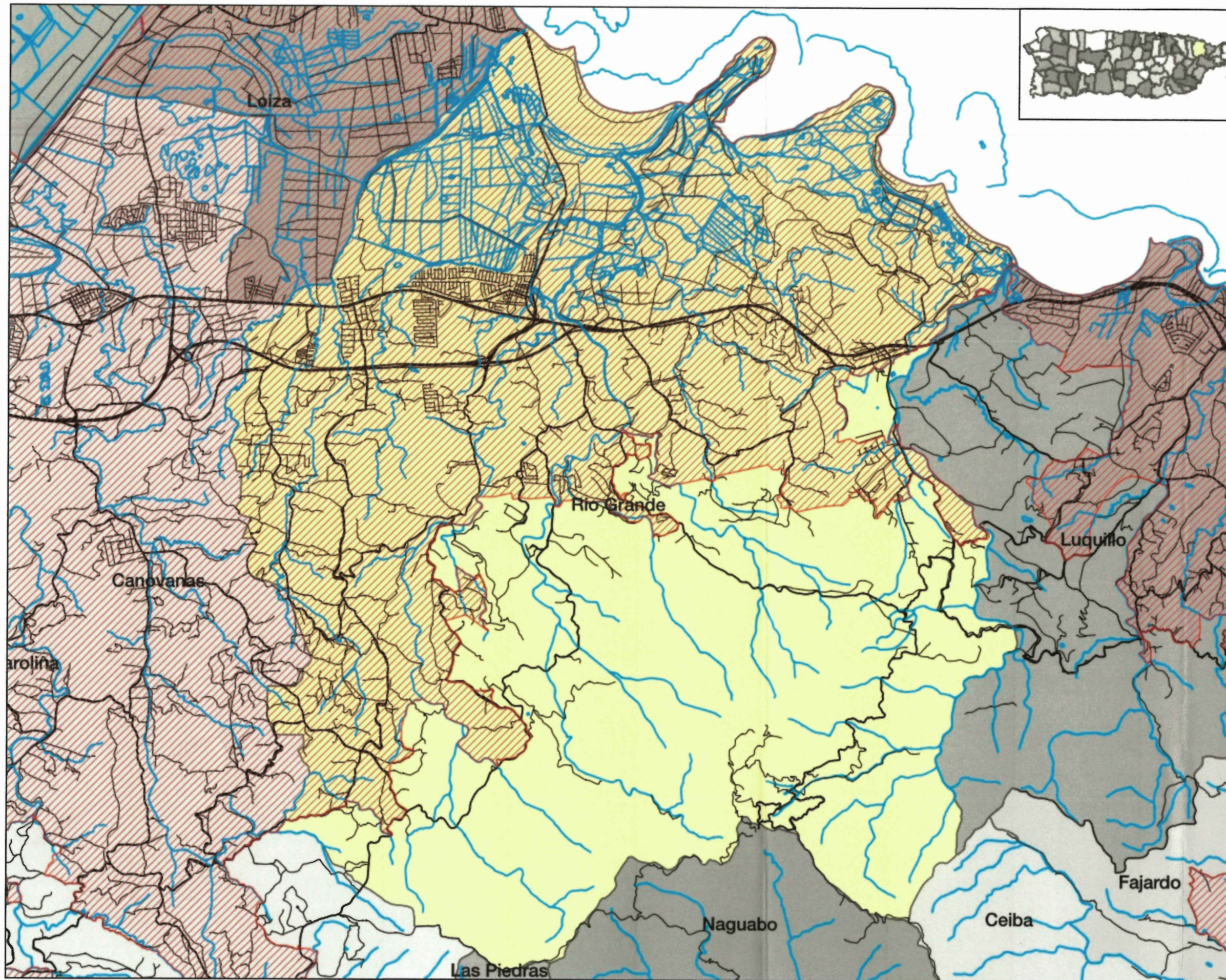
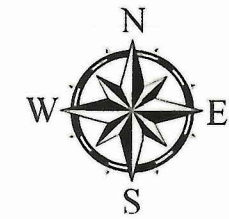


Figure 4
Urbanized Areas Map
SWMP- NPDES MS4 PRR040050
Municipality of Río Grande




Legend

Municipality

 Río Grande

 Waterbodies

 Roads

Urbanized Areas (U.S. Census 2010)

 Urbanized Areas

Projection:
 State Plane Coordinate System - Puerto Rico
 Horizontal Datum - NAD83



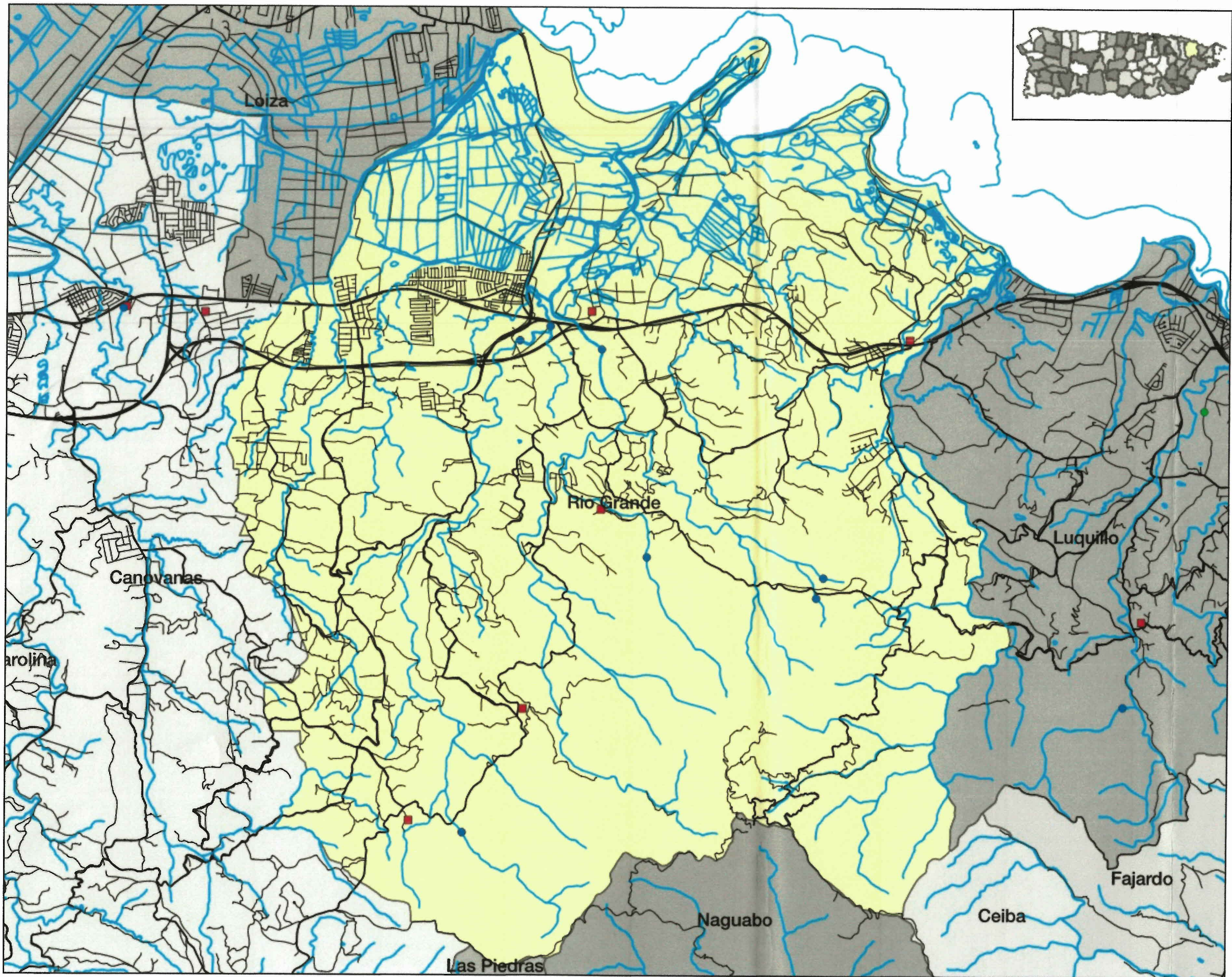
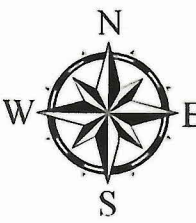


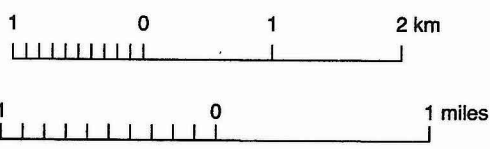
Figure 5
Potable Water Source Map
SWMP- NPDES MS4 PRR040050
Municipality of Río Grande



Legend

- Municipality
- Río Grande
- Waterbodies
- Roads
- PRASA Filtration Plant
- PRASA Potable Water Intake

Projection:
 State Plane Coordinate System - Puerto Rico
 Horizontal Datum - NAD83



APPENDIX B – ESA AND NHPA ELIGIBILITY DETERMINATION



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/72-119-GEN

OCT 31 2018

Mrs. Keyla Pacheco
Consultant
ACE Environmental, Inc.
Po Box 19895
San Juan, Puerto Rico 00910-9895

Re: Rio Grande NPDES MS4-2016
Permit

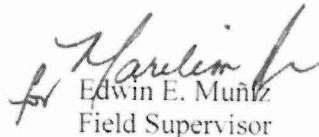
Dear Mrs. Pacheco:

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 Rio Grande, Puerto Rico is requesting coverage under the 2016 NPDES (National Pollutant Discharge Elimination System) General Permit for the MS4 (Municipal Separate Storm Sewer System). The MS4 collected storm water discharge into the Atlantic Ocean, through its main rivers, Rio Grande, Rio Herrera, Rio Espiritu Santo and Rio Mameyes and their tributaries.

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

drr

cc
Municipality of Rio Grande
EPA, San Juan



October 26, 2018

Angel G. Colón Santiago
U.S. Department of Interior
Fish And Wildlife Service
Caribbean Ecological Services Field Office
P.O. Box 491
Boquerón, PR 00622-0510

Via US Postal Service and E-Mail (angel_colon-santiago@fws.gov)

Subject: Endangered Species and Critical Habitat Consultation; Autonomous Municipality of Rio Grande NPDES MS4-2016 Permit

Dear Mister Colón:

Our client, the Autonomous Municipality of Rio Grande is currently in the process of requesting coverage under the 2016 NPDES (National Pollutant Discharge Elimination System) General Permit for MS4 (Municipal Separate Storm Sewer System). As such, it must determine its eligibility with regard to the protection of threatened and endangered species and critical habitat prior to submitting a notice of intent (NOI) for permit coverage.

The Autonomous Municipality of Rio Grande operates a Storm Water Sewer System (MS4) which includes the urban and rural areas within the Municipality. In general terms the MS4 consists of a series of catch basins, typically located within the right-of-way of municipal and commonwealth roads, interconnected by underground concrete or PVC pipes which normally discharge to surface water bodies. In the rural areas the Municipal MS4s system typically consists of a series of interconnected open channel culverts, which run parallel to municipal and commonwealth roads, and usually discharge via laminar flow to a surface water body.

The Rio Grande MS4 collects stormwater runoff through a conveyance system and discharges directly through pipes or channels into the northern coast (Atlantic Ocean) through its principle rivers, Rio Grande, Rio Herrera, Rio Espíritu Santo and Rio Mameyes and their tributaries (see attached map).

The Municipality of Rio Grande has several endangered and threatened species within its territory (see attached list). The mammal, reptile and bird species listed that inhabit the Municipality's coastal zones should not be adversely affected by MS4 discharges, due to the fact that these discharges do not occur directly in their habitats. Stormwater runoff is collected through a conveyance system that typically discharges through pipes or channels to surface water bodies such as rivers, streams and creeks, these then discharge through their natural course into the coastal zones. It is important to mention that the Yunque Forest area is not covered by the Municipality's MS4 Permit, therefore species within this area should not be affected.

Included as attachments, is a list of the endangered species and critical habitats within the Municipality of Rio Grande as identified by the U.S. Fish and Wildlife Service and Map of the receiving waterbodies within the Municipality of Rio Grande.

Please advise if there is a need to initiate a consultation under section 7 of the Endangered Species Act.

Should you need further information please contact the undersigned via telephone at (787) 688-4945 or email at kpacheco.ace@gmail.com.

Sincerely,

Keyla Pacheco
Associate

Attachments

RIO GRANDE (1-2)

SCIENTIFIC NAME	COMMON NAME	COMMON NAME SPANISH	GROUP	STATUS	DISTRIBUTION
<i>Accipiter striatus venator</i>	Puerto Rican Sharp-Shinned Hawk	Falcon de Sierra	Bird	E	El Yunque National Forest
<i>Agelaius xanthomus</i>	Yellow Shouldered Black Bird	Mariquita	Bird	E, CH	Coastal Forest
<i>Amazona vittata vittata</i>	Puerto Rican Parrot	Cotorra Puertorriqueña	Bird	E	El Yunque National Forest
<i>Buteo platypterus brunnescens</i>	Puerto Rican Broad-winged Hawk	Guaraguao de Bosque	Bird	E	El Yunque National Forest
<i>Callicarpa ampla</i>	No Common Name	Capa Rosa	Plant	E	Mameyes II Ward, Jimenez Ward, El Yunque National Forest
<i>Chelonia mydas</i>	Green Sea Turtle	Peje Blanco	Reptile	T, CH	Coastal Zones
<i>Columba (Patagioenas) inornata wetmorei</i>	Puerto Rican Plain Pigeon	Paloma Sabanera	Bird	E	Lower Montane Forest and Riparian Habitats
<i>Dermochelys coriacea</i>	Leatherback Sea Turtle	Tinglar	Reptile	E, CH	Coastal Zones
<i>Epicrates inornatus</i>	Puerto Rican Boa	Boa Puertorriqueña	Reptile	E	Forested Volcanic and Limestone (Karst) Hills
<i>Epicrates monensis granti</i>	Virgin Islands Tree Boa	Boa de Islas Virgenes	Reptile	E	Forested Areas
Continues on Next Page					

Status

E=Endangered

T=Threatened

CH=Critical Habitat

BACK

CONTINUE



RIO GRANDE (2-2)

SCIENTIFIC NAME	COMMON NAME	COMMON NAME SPANISH	GROUP	STATUS	DISTRIBUTION
<i>Eretmochelys imbricata</i>	Hawksbill Sea Turtle	Carey	Reptile	E, CH	Coastal Zones
<i>Eugenia haematocarpa</i>	No Common Name	Uvillo	Plant	E	El Yunque National Forest
<i>Goetzea elegans</i>	Beautiful Goetzea	Matabuey	Plant	E	Quebrada Grande
<i>Ilex sintenisii</i>	No Common Name	No Tiene Nombre Comun	Plant	E	Jimenez Ward, El Yunque National Forest
<i>Lepanthes eltorensis</i>	No Common Name	No Tiene Nombre Comun	Plant	E	El Yunque National Forest
<i>Pelecanus occidentalis</i>	Brown Pelican	Pelicano Pardo	Bird	D, MP	Coastal Zones, No Nesting
<i>Pleodendron macranthum</i>	No Common Name	Chupacallos	Plant	E	Mameyes II Ward, Jimenez Ward
<i>Setophaga angelae</i>	Elfin-woods warbler	Reinita de bosque enano	Bird	T	Forested areas; El Yunque National Forest
<i>Stahlia monosperma</i>	No Common Name	Cobana Negra	Plant	E	Coastal Forests
<i>Styrax portoricensis</i>	No Common Name	Palo de Jazmin	Plant	E	Guzman Arriba Ward
<i>Ternstroemia luquillensis</i>	No Common Name	Palo Colorado	Plant	E	Mameyes II Ward, Jimenez Ward
<i>Ternstroemia subsessilis</i>	No Common Name	No Tiene Nombre Comun	Plant	E	Guzman Arriba Ward
<i>Trichechus manatus manatus</i>	Antillean Manatee	Manati Antillano	Mammal	T	Coastal Zones

Status

E=Endangered

T=Threatened

CH=Critical Habitat

D=Delisted due to Recovery

MP= Monitoring Plan

BACK

PREVIOUS



Certification


The Autonomous Municipality of Rio Grande is currently in the process of requesting coverage under the 2016 NPDES (National Pollutant Discharge Elimination System) General Permit for MS4 (Municipal Separate Storm Sewer System). As such, it must determine its eligibility with regard to the protection of historic properties prior to submitting a notice of intent (NOI) for permit coverage.

The Municipality of Rio Grande does not have any stormwater infrastructure projects planned within the area of potential effects (APE) of the historic properties or properties eligible for listing in the National Register of Historic Places. The Municipality is therefore determining eligibility under Criterion A: "There is no potential of an adverse effect on historic properties because there will be no new ground disturbing control measures constructed or installed."

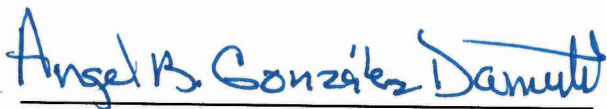
Currently the only two properties listed in the National Register of Historic Places within the Municipality of Rio Grande are:

- Baño Grande- Highway 191, km 11.85, Barrio Mameyes II
- Rio Grande Fire Station- 6 Juan R. Gonzalez Street, Barrio Pueblo

If any municipal infrastructure projects were to take place that could affect any of the above mentioned properties the Municipality will request a consultation under section 106 of the National Historic Preservation Act (NHPA).


Signature


Date


Name


Position