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

Submitted by:



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MUNICIPALITY OF BAYAMÓN
PO Box 1588
Bayamón, PR 00960

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

September 28, 2016

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APPENDIX A – MAPS

- LOCATION/BOUNDARIES MAP
- OUTFALL MAP

APPENDIX B – ELIGIBILITY DETERMINATION

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

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 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 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 Bayamón is required to submit an application for permit coverage as well as a Storm Water Management Plan (SWMP). On February 5, 2007 the Municipality submitted a Notice of Intent (NOI) and on March 14, 2007 were issued coverage under Permit Number PRR040002. The Municipality developed and submitted its SWMP on August 2007. The Municipality is currently on Year 9 of its SWMP 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.”

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 Bayamón**

2. Type: Federal State Municipality Other:

3. Existing Permittee: Yes No

If yes, provide EPA NPDES Permit Number: **PRR040002**

4. Location Address:

a. Street: **Casa Alcaldía**

b. City: **Bayamón** State: PR Zip Code: **00754**

5. Mailing Address:

a. Street: **P.O. Box 1588**

b. City: **Bayamón** State: PR Zip Code: **00960**

6. Telephone Number: **(787) 798-4890** Fax: **(787) 798-4902**

7. E-mail: **ecaban@bayamonpr.org**

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

9. Latitude: **18°23'00" N** Longitude: **66°09'00" 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: **William Pérez**

2. Position Title: **Municipal Environmental Protection Office Director**

3. Stormwater Management Program (SWMP) Location (web address or physical location):

<http://www.municipiodebayamon.com/baya-system/wpcontent/uploads/2009/06/plan-swmp-for-separate-storm-sewer-system-ms4.pdf> and at Municipal Environmental Protection Office, Carretera #5, Barrio Minillas, Sector Juan Sánchez, Bayamón

4. Mailing Address:

a. Street: **P.O. Box 1588**

b. City: **Bayamón** State: PR Zip Code: **00960**

5. Telephone Number: **(787) 798-4890**

6. E-mail: ecaban@bayamonpr.org

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 Bayamón has a territorial extension of 43.5 square kilometers and a population of 208,166 inhabitants, according to the 2010 Census. Bayamón is located in the North of the Island of Puerto Rico and is bounded to the north with the Municipality of Toa Baja and Cataño, to the east with the Municipality of Guaynabo, to the south with the Municipalities of Aguas Buenas and Comerío, and to the west with the Municipality of Toa Baja.

The municipality is composed of the Barrio Pueblo and 10 wards, Barrio Nuevo, Buena Vista, Cerro Gordo, Dajaos, Guaraguao Abajo, Guaraguao Arriba, Hato Tejas, Juan Sánchez, Minillas, Pájaros y Santa Olaya, all of these wards are within the urbanized areas of the municipality.

The Autonomous Municipality of Bayamón operates a municipal separate storm water sewer system located in Bayamón, Puerto Rico which includes the old urban area and rural areas within the municipality. The MS4 in the urban areas in general consist of a series of catch basins, typically located within the right-of-way of municipal and state Commonwealth roads, interconnected by underground concrete or PVC pipes which normally discharge to the Río Bayamón or its tributaries. In the rural areas the Municipal MS4s system 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 Municipal MS4s system are the storm water sewer systems owned and operated by the Puerto Rico Department of Transportation and Public Works.

Also, interconnected to the Municipal MS4s system are the discharges from NPDES (Stormwater) permitted facilities and PRASA Pre-treatment permitted industrial and commercial facilities.

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*):
100% outfall map complete

a. If 100% of 2006 requirements are not met, enter an estimated date of completion:
N/A

b. Web address where MS4 map is published: **Included in Appendix A- pending to be published on webpage**

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: **May 30, 2013**

2. Construction/Erosion and Sediment Control authority adopted?
 Yes No

a. Effective Date or Estimated Date of Adoption: **May 30, 2013**

3. Post-Construction Stormwater Management adopted?
Yes No

a. Effective Date or Estimated Date of Adoption: **June 2017**

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)
Río Hondo	146	No	Low Dissolved Oxygen and Total Coliforms	Fecal Coliform
Río Bayamón	31	No	Cooper, Total Coliforms and Turbidity	Fecal Coliform
Río Minillas	58	No	none	Fecal Coliform
Quebrada Marta	82	No	none	none
Quebrada Cerro Gordo	98	No	none	none
Quebrada Santa Catalina	120	No	none	none
Quebrada Burgos	6	No	none	none

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
MCM 1: PUBLIC EDUCATION				
Storm Water Related Public Service Announcements	Yes	Yes	General Public	Other mechanisms will be used, such house to house distribution of educational materials, newspaper articles.
Development and Distribution of Storm Water Related Materials	Yes	Yes	General Public	No
Storm Water Web Page	Yes	Yes	General Public	No
Storm Water Pamphlets, Booklets and Flyers	Yes	Yes	General Public	No
MCM 2: PUBLIC INVOLVEMENT				
Stormdrain Stenciling Program	No	No	General Public and School Aged Children Goal was not reached due to lack of personnel and resources.	This BMP will be eliminated The Municipality will continue to support local organizations and initiatives such as the Annual Beach Cleanup hosted by Scuba Dogs.
Annual Cleanup	Yes	Yes	General Public	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
Support of Local Organizations	Yes	Yes	General Public	No
Community Hotline	Yes	Yes	General Public	No
MCM3: ILLICIT DISCHARGE DETECTION AND ELIMINATION				
Storm Sewer System Map	Yes	Yes	General Public	Map shall include elements required in the GP-2016 Sec. 2.4.4.6
Implement Regulations to Enforce Non-storm water Discharges	Yes	Yes	General Public	No
Educational Outreach	Yes	Yes	General Public	No
Program to Detect, Identify and Eliminate Illegal Discharges	Yes	Yes	General Public	The Municipality will Develop an IDDE Program according to requirements in GP-2016 sec. 2.4.4.8
Program to Detect, Identify and Eliminate Illegal Solid Waste Dumping	Yes	Yes	General Public	The Municipality will Develop an IDDE Program according to requirements in GP-2016 sec. 2.4.4.8
Program to Detect, Identify and Eliminate Waste Water	Yes	Yes	General Public	The Municipality will Develop an IDDE Program according to requirements in GP-2016 sec.

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
Connections to the Storm Drain System				2.4.4.8
Program to Detect and Eliminate Sanitary Overflows	Yes	Yes	General Public Implemented.	Documentation of SSOs will be according to requirements of GP-2016.
Program to Detect and Eliminate Failing Septic Systems	Yes	Yes	General Public	The Municipality will focus on fixing any problems with their own septic systems and those reported through an environmental complaints as part of their IDDE Program.
MCM 4: CONSTRUCTION				
Ordinance or Other Regulatory Mechanism	Yes	Yes	Designers Developers Contractors Inspectors Enforcement personnel	No
General Construction Site Waste Controls	Yes	Yes	Designers Developers Contractors Inspectors Enforcement personnel	No
Information Submitted	Yes	Yes	Designers	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
by the Public			Developers Contractors Inspectors Enforcement personnel	
Construction Site Inspection and Enforcement	Yes	Yes	Designers Developers Contractors Inspectors Enforcement personnel	No
MCM 5: POST-CONSTRUCTION				
Ordinance or Other Regulatory Mechanism	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
Structural Practices	Yes	Yes	Designers Developers Contractors	This BMPs goal will be to continue to provide educational materials and

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
			Inspectors Enforcement personnel The Municipality has not achieved its goal because it is evaluating mechanisms to implement this BMP.	guidelines for developers and contractors with all the information and alternatives that exists on the market for the management of post construction runoff on new developments and redevelopments.
Nonstructural Practices	Yes	Yes	Designers Developers Contractors Inspectors Enforcement personnel	This BMPs goal will be modified to include reforestation practices and vegetative materials recycling, which is currently being implemented by the Municipality.
Inspection of Operation and Maintenance Plans	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 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 6: POLLUTION PREVENTION (GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS)				
Source Control-Pet Waste Collection	Yes	Yes	General Public Policy development was evaluated but found to be not feasible, efforts will be focused on education.	This BMPs goal will be to educate the community regarding petwaste impacts on water quality through educational materials.
Source Control Vehicle Maintenance	Yes	Yes	Businesses Municipal employee Enforcement personnel	This BMP will be part of the O&M Programs developed for vehicle and equipment maintenance.
Source Control-Vehicle Washing	Yes	Yes	Businesses Municipal employee Enforcement personnel	This BMP will be part of the O&M Programs developed for vehicle and equipment maintenance.
Source Control-Pavement Cleaning Practices	Yes	Yes	Businesses Municipal employee Enforcement personnel	This BMP will be part of the O&M Programs developed for infrastructure maintenance.
Source Control-Roadway and Bridge Repair	Yes	Yes	General Public Businesses Municipal employee Enforcement personnel	This BMP will be part of the O&M Programs developed for infrastructure maintenance.
Source Control-	Yes	Yes	General Public	This BMP will be part of the

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
Inspection and Cleaning of Storm Drain System			Businesses Municipal employee Enforcement personnel	O&M Programs developed for infrastructure maintenance.
Materials Management-Alternative Products	Yes	Yes	Businesses Municipal employee Enforcement personnel	This BMP will be part of the Materials Management Program.
Materials Management-Storage of Hazardous materials	Yes	Yes	Businesses Municipal employee Enforcement personnel	This BMP will be part of the Materials Management Program.
Materials Management-Procedures for spill response and prevention	Yes	Yes	Businesses Municipal employee Enforcement personnel	This BMP will be part of the Materials Management Program.
Materials Management-Oil Recycling	Yes	Yes	Businesses Municipal employee Enforcement personnel	This BMP will be part of the Materials Management Program.

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	The Municipality participates in several environmental activities conducted by communities, schools, universities.	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	Measurable Goal (What is the end result of this program? What indicator will determine the goal
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	participation, e.g. special events, volunteer sampling and monitoring efforts, household hazardous waste recycling, etc.)	has been met? (e.g., participation, amount of sampling performed, waste collected, etc.)
Annual Clean-up	The Annual Clean-up takes place once a year with the participation of community volunteers, Scuba Dogs Society and the Municipality.	The amount of volunteers and waste collected will determine program effectiveness.
Environmental Complaint Hotline	Environmental Complaints will be received and investigated by the “Vigilantes Ambientales”. 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	Existing Ordinance will be revised and	Number of Illicit Discharges detected and

Enforce Non-stormwater Discharges	continue to be implemented	eliminated
Program to Detect, Identify and Eliminate Illegal Discharges	The Program shall include all 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 Number of inspections conducted
Outfall Inventory	All 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 accordingly as required in 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 continue to implement municipal ordinance requiring erosion and sedimentation controls for polluted runoff from construction sites with a land disturbance of 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	The number of regulatory mechanisms created and the number of penalties imposed. Number of erosion control projects reviewed. Number of inspections conducted.

	larger common plan of development or sale that would disturbed one acre or more.	
General Construction Site Waste Controls	<p>To comply with this BMP, the Municipality developed an ordinance for storm water runoff control at construction sites. The inspection staff will conduct the construction site waste controls inspection and follow up on the correction of deficiencies encounter during the inspections.</p> <p>For the implementation of this municipal ordinance, the Municipality developed a Standard Operating Procedure (SOP) for the inspection of construction projects. The SOP establishes on detail the inspection process that will be followed by municipal employees to ensure the compliance with this BMP.</p> <p>The implementation includes trainings to inspection staff and construction related professionals.</p>	<p>Number of erosion control projects reviewed.</p> <p>Number of inspections conducted.</p>
Information Submitted by the Public	The Municipality developed a Standard Operating Procedure (SOP) for processing complaints regarding storm water contamination at construction sites, an Inspection Form	Number of reports received.

	and Database.	
Construction Site Inspection and Enforcement	The Municipality developed a Standard Operating Procedure (SOP) and Forms for the inspection of construction sites. The SOP establishes in detail the inspection process that will be followed by municipal employees to ensure the compliance with the SWPPP, CES Plan and the Construction Site Waste Controls.	Number of inspections conducted.

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 a regulatory mechanism for the implementation of the Operation and Maintenance Post Construction BMP's Program for new development or redevelopments. The goal of this storm water management ordinance for post-construction runoff is to limit surface runoff volumes and reduce	<p>The development of the municipal ordinance and approval of the municipal ordinance by the Municipal Legislature and Mayor;</p> <p>The development of SOP for the review and inspection of O&M Plans;</p> <p>The implementation of the SOP for the</p>

	<p>water runoff pollutant loadings.</p> <p>The ordinance will establish mechanisms to ensure compliance with the post construction operation and maintenance BMP's, including the sanctions and enforcement mechanisms. The possible sanctions will include non-monetary penalties (such a stop work orders) and/or fines up to \$500 per violation per day.</p> <p>The implementation will include trainings to inspection staff and educational materials to developers, contractors, designers and construction related professionals.</p>	<p>review and inspection of O&M Plans; and</p> <p>Number of attendees to the training of municipal employees and construction related professionals.</p>
<p>Structural and Non- Structural BMPs Guide</p>	<p>The Municipality will develop a guide to promote the use of structural and non- structural BMPs on new developments and redevelopments.</p> <p>The implementation will include trainings to inspection staff, developers, contractors, designers and construction related professionals. The training would include classroom presentations, in-field training, and follow-up evaluations to determine whether the training was effective.</p>	<p>The number of structural and non-structural BMPs used;</p> <p>The number of educational materials distributed through mailing lists; and</p> <p>The number of BMPs installed to manage runoff Post Construction.</p>

<p>Inspection and Maintenance Program</p>	<p>The Municipality will develop an inspection and maintenance program to maintain the effectiveness of post-construction storm water control BMP's. All BMP's shall be inspected for continued effectiveness and structural integrity at regular inspection intervals. The inspector shall document whether the BMP is performing correctly, any damage to the BMP since the last inspection, and any repairs to the BMP if damage has occurred.</p> <p>A municipal ordinance and a standard operating procedure (SOP) be will developed for the implementation of the Operation and Maintenance Post Construction BMP's Program for new development or redevelopments.</p>	<p>The number of agreements approved for Post Construction BMP's; and</p> <p>The number of inspections conducted by municipal employees on Post Construction BMP's.</p>
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1.3.9.6 GOOD HOUSEKEEPING AND POLLUTION PREVENTION IN MUNICIPAL OPERATIONS

<p>BMP Description or BMP ID (e.g. MCM-1)</p>	<p>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,</p>	<p>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.)</p>
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	trainings, etc.)	
Materials Management Program	<p>The Municipality will develop procedures for responsibly managing chemicals, such as fertilizers, solvents, paints, cleaners, and automotive products. In addition will also develop procedures for the use of alternative products that will prevent their hazardous counterparts from being disposed of improperly and contaminating storm water.</p> <p>This program will include practices for managing materials by improving the maintenance of machinery, establishing material storage and inventory controls, improving routine cleaning and inspection of facilities where materials and wastes are stored or processed, maintaining organized workplaces, and educating employees.</p>	<p>The number of facilities storing hazardous materials or wastes;</p> <p>The frequency of inspection and maintenance visits to storage facilities;</p> <p>The number of personnel trained in hazardous material and waste handling and storage; and</p> <p>The amount of hazardous waste generated by municipal operations.</p>
Operations and Maintenance (O & M) Programs	<p>The municipality will develop an inventory of all facilities and review this inventory annually and update as necessary. In addition the municipality will develop written operations and maintenance procedures for the municipal activities listed below:</p> <ol style="list-style-type: none"> a. Parks and open spaces- <ol style="list-style-type: none"> i. Develop procedures to address the proper use, 	<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>storage, and disposal of pesticides, herbicides, fertilizers, lawn clippings and other vegetative waste.</p> <ul style="list-style-type: none"> ii. Develop procedures for management of trash containers at parks and for placing signage in areas concerning the proper disposal of pet wastes. <p>b. Buildings and facilities where pollutants are exposed to stormwater runoff-</p> <ul style="list-style-type: none"> i. Develop procedures for the use, storage, and disposal of petroleum products and other potential stormwater pollutants ii. Develop management procedures for dumpsters and other waste management equipment. iii. Develop SPCC Plans where applicable. <p>c. Vehicles and Equipment-</p> <ul style="list-style-type: none"> i. Develop procedures for the storage and maintenance of municipal vehicles. ii. Develop procedures for fueling areas iii. Develop procedures to ensure that vehicle wash 	<p>The number of educational materials distributed to municipal employees with information of O & M procedures.</p>
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	<p>waters are not discharged to the municipal storm sewer system or to surface waters.</p> <p>d. Infrastructure Operations and Maintenance</p> <ul style="list-style-type: none"> i. Develop a program detailing the activities and procedures to maintain MS4 infrastructure to reduce the discharge of pollutants from the MS4 ii. Develop schedule for the frequency of routine cleaning and inspections that will ensure that no catch basin at anytime will be more than 50 percent full. iii. Develop procedures for sweeping and/or cleaning streets, and municipal-owned parking lots. iv. Develop procedures for proper storage and disposal of catch basin cleanings and street sweepings to ensure it does not discharge to receiving waters. 	
<p>Spill Response and Prevention Program</p>	<p>The Municipality shall develop procedures for spill response and prevention plans that shall state how to stop, contain, cleanup, dispose of</p>	<p>Inventory of municipal facilities at risk for spills;</p> <p>The number of preventative</p>

	<p>contaminated materials, and train personnel to prevent and control future spills. This plan shall be applicable to all sites where hazardous wastes are stored or used.</p> <p>Municipal employees will be trained on spill response and prevention techniques.</p>	<p>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.</p>
<p>Staff Training Program</p>	<p>The Municipality will develop a training and education component of the operations and maintenance program designed to reduce pollutant runoff from municipal operations.</p> <p>Municipal employees who are directly involved in potentially polluting activities such as materials management would receive both general stormwater and targeted BMP training tailored to their activities. This will increase the likelihood that receiving waters and the storm drain system will be protected from inadvertent discharges and spills.</p> <p>The trainings will be provided to municipal employees on good housekeeping practices, spill response and prevention techniques and material management of</p>	<p>The number of personnel trained in spills response and prevention techniques, good housekeeping practices and materials and waste management (hazardous and non-hazardous).</p>

	<p>hazardous and non-hazardous substances. The training will be mandatory for all municipal employees. Supervision is essential for the success of this minimum control measure.</p>	
<p>Stormwater Pollution Prevention Programs (SWPPP)</p>	<p>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.</p>	<p>Inventory of municipal facilities that require SWPPP;</p> <p>Development of SWPPP for municipal facilities;</p> <p>The frequency of inspections visits at municipal facilities;</p> <p>The number of personnel trained in SWPPP; and</p> <p>The number of educational materials distributed to municipal employees with information of spill response and prevention plans.</p>

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. Ramon Luis Rivera Cruz
Print Name of Mayor/Elected Official:

Title: **Mayor**

Date: 9-26-16

APPENDIX A – MAPS



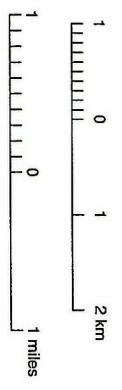
Figure 1
 Urbanized Areas - NPDES MS4 PRR040000
 Notice of Intent - Bayamón
 Municipality of Bayamón

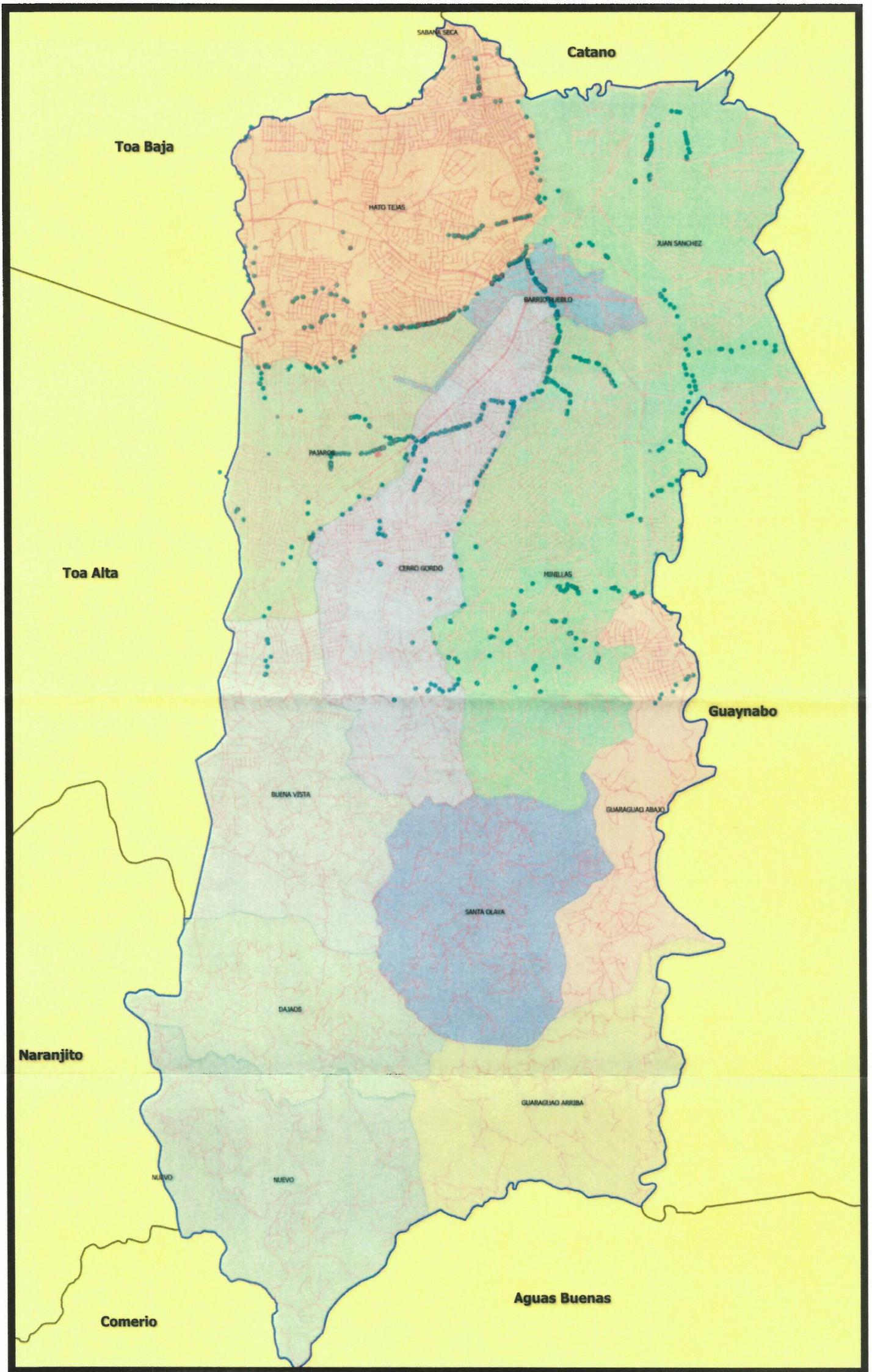


- Legend**
- Urbanized Areas (U.S. Census 2010)
 - Wards
 - Waterbodies
 - Municipality
 - Bayamón

Source:
 US Census Bureau TIGER data, 2010 Census

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





APPENDIX B – ELIGIBILITY DETERMINATION



United States Department of the Interior



FISH AND WILDLIFE SERVICE

Caribbean Ecological Services

Field Office

P.O. Box 491

Boqueron, PR 00622

JUL 27 2016

In Reply Refer To:

FWS/R4/CESFO/72-021-GEN

Mrs. Keila Pacheco

Consultant

ACE Environmental, Inc.

Po Box 19895

San Juan, Puerto Rico 00910-9895

Re: Bayamón NPDES MS4-2014
Permit

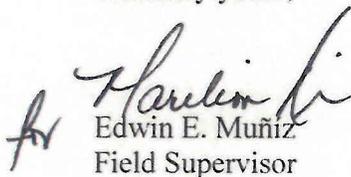
Dear Mrs. Pacheco:

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 Bayamón, Puerto Rico is requesting coverage under the 2014 NPDES (National Pollutant Discharge Elimination System) General Permit for the MS4 (Municipal Separate Storm Sewer System). The MS4 collected storm water discharge into the Bayamón River, La Plata River and the Hondo River.

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

cc

Municipality of Bayamón
EPA, San Juan