NOTICE OF INTENT

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM 2016 GENERAL PERMIT PRR04000/PRR04000F SEPARATE STORM SEWER SYSTEMS

Submitted By:

LOCAL REDEVELOPMENT AUTHORITY FOR ROOSEVELT ROADS

355 Ave. F.D. Roosevelt Suite 106 San Juan, PR 00918 2017 MAR 23 AM 8: 03

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

February 28, 2017

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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 U. S. Bureau of the Census.

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 permitees 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: Local Redevelopment Authority for Roosevelt Roads
- 2. Type: __Federal X State __Municipality Other:
- 3. Existing Permittee: __Yes X No

If yes, provide EPA NPDES Permit Number: N/A

- 4. Location Address:
 - a. Street: Building 1205, Former Roosevelt Roads Naval Station
 - b. City: Ceiba State: PR Zip Code: 00742

	 5. Mailing Address: a. Street: 355 Ave. F.D. Roosevelt Suite 106 b. City: San Juan State: PR Zip Code: 00918
	6. Telephone Number: (787) 247-6088 Fax: (787) 247-6088
	7. E-mail: adalberto.molina@lra.pr.gov
	8. Standard Industrial Classification (SIC) Code: 9199
	9. Latitude: 18.238183° N Longitude: -65.647880° W
	a. Approximate center of the regulated portion of the MS4.
.2.2	PART B. PRIMARY MS4 PROGRAM MANAGER CONTACT INFORMATION
	1. Name: Adalberto Molina
	2. Position Title: Operations Oficial
	3. Stormwater Management Program (SWMP) Location (web address or physical location): N/A
	4. Mailing Address:a. Street: 355 Ave. F.D. Roosevelt Suite 106b. City: San Juan State: PR Zip Code: 00918
	5. Telephone Number: (787) 247-6088
	6. E-mail: adalberto.molina@lra.pr.gov
1.2.3	PART C. ELIGIBILITY DETERMINATION
	1. Endangered Species Act (ESA) determination complete? X Yes No a. Eligibility Criteria (check all that apply):ABC X DE
	 National Historic Preservation Act (NHPA) determination complete? X Yes No a. Eligibility Criteria (check all that apply): A X B C D
1.2.4	PART D. MAP/BOUNDARIES
	MS4/Organization Description of regulated boundaries (narrative):
	Naval Station Roosevelt Roads was first commissioned as a U.S. Naval Operations Base in 1943 and in 1957 it was re-designated as a Naval Station. In March 2004, The U.S. Department of the Navy formally ceased military operations

and closed the now former Naval Station Roosevelt Roads, located on the eastern coast of the island Commonwealth of Puerto Rico. The 8,650-acre Naval Station Roosevelt Roads had been a fully integrated and operationally autonomous naval station complete with large scale airfield and deep water port facilities Through the BRAC disposal process, the Navy will dispose of the entirety of the property with certain defined portions going to various agencies of the Commonwealth of Puerto Rico, transfer to other departments of the U.S. Federal Government, and the balance sold via a public sale process.

In May 2013, the Local Redevelopment Authority for Roosevelt Roads (LRA obtained title to 3,400 acres for redevelopment from the U.S. Navy upon completing the Economic Development Conveyance (EDC) Agreement. Shortly after the LRA updated the Land Use Plan ("ROTFU") and reorganized the Master Plan in 9 development zones under the 2014 Master Plan Development Zones. The LRA's primary objective for 2016 will be to continue its efforts to identify developers with the ability to advance the business objectives of the Roosevelt Roads (RR) redevelopment project, consistent with the Master Plan; and to continue to promote and develop specific projects within that context to create jobs and to spur economic growth in Ceiba and Naguabo, and the eastern region of Puerto Rico. The redevelopment of RR began in 2014-2015 with the establishment of the Residential Center for Educational Opportunities for the town of Ceiba (CROEC) at the former RR elementary school, a campus style school targeted at 250 outstanding students in the areas of science and mathematics and six small businesses for ecotourist services, nature adventure, recreational and complementary activities. Other important projects initiated operations during 2016 or are in the planning, design and permitting stage scheduled for start-up during the latter part of 2016, and overlapping well into 2017 and beyond. Among these is MER Group's business of ship dismantling and materials recovery operations, which was formally inaugurated on May 25, 2016. Also, the LRA signed a long-term lease with Mid-Atlantic Shipyards (MAS) on December 4, 2015 for the development of a multi-tenant shipyard in the dry-dock area (38 acres) at RR. During 2016, MAS will begin with planning, design and obtaining permits for this important project. We are also expecting the inauguration of Para La Naturaleza's new Visitor Center in RR.

The Roosevelt Roads property is located in the east coast of Puerto Rico. The main entrance and most of the property is located in the Municipality of Ceiba and the southwestern part of the property is located in the Municipality of Naguabo. The Property's stormwater infrastructure is composed of a stormwater collection and conveyance system that conveys stormwater runoff into the water bodies around the former base, mainly creeks, mangroves and the ocean. The MS4 consists of approximately 48 miles of concrete and corrugated metal piping of up to 72 inches, concrete box culverts and earthen ditches and channels throughout the property. The original stormwater collection system was constructed in the 1940's.

	city, to	cation Map/Boundaries. A location map must be attached showing the pertinent own, wards, or boundaries, the boundaries of the Small MS4, including surface body(s), and the "urbanized area" (UA) when applicable.
	Is ma	p attached? X YesNo
1.2.5		PART E. MS4 INFRASTRUCTURE
		timated Percent of Outfall Map Complete? (Part 4.2.3 of 2006 general permit): 0%
	a.	If 100% of 2006 requirements are not met, enter an estimated date of completion: N/A
	b.	Web address where MS4 map is published: N/A A copy of the maps is available at the LRA Office at 355 Ave. F.D. Roosevelt Suite 106, San Juan, PR 00918
1.2.6		PART F. BYLAW/ORDINANCE DEVELOPMENT
		it Discharge Detection and Elimination (IDDE) authority adopted? Yes X No
		Effective Date or Estimated Date of Adoption: June 2017
		nstruction/Erosion and Sediment Control authority adopted? Yes X No
		Effective Date or Estimated Date of Adoption: June 2017
		st-Construction Stormwater Management authority adopted? _Yes X No
		Effective Date or Estimated Date of Adoption: June 2017

1.2.7 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)
Machos Creek	1	No	None	None
Ensenada Honda Bay (PREC24)	8	No	Low Dissolved Oxygen & Turbidity	None
Bahia de Puercas (PREC23)	6	No	Low Dissolved Oxygen & Turbidity	None
Mangroves associated with Puerto Medio Mundo and Pasaje Medio Mundo (PREC20)	13	No	Low Dissolved Oxygen & Turbidity	None

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

New Permitee

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

1.2.9.1 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.)
Development and Distribution of Educational Material related to storm water management	General Stormwater Awareness Illicit Discharges Pet Waste Vehicle Maintenance and Washing	Brochures, newsletters, flyers and posters available through webpage and distributed during activities.	The number of downloaded materials; and The number of materials distributed.
Employee Training Program	A training and education program will be developed for employees designed to reduce pollutant runoff from facility operations.	The number of personnel trained in spills response and prevention techniques, good housekeeping practices and materials and waste management (hazardous and non-hazardous).	The number of employees trained.
Attitude Survey	General Stormwater Awareness Illicit Discharges	Survey will be distributed during meetings, activities and trainings.	The number of surveys conducted.

1.2.9.2 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 Clean-up will take place once a year with the participation of community volunteers.	The amount of volunteers and waste collected will determine program effectiveness.
Environmental Complaint Hotline	Environmental Complaints will be received and investigated.	The amount of complaints received and resolved.
Annual Public Meeting	The LRA for Roosevelt Roads 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.

1.2.9.3 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 2016 GP.	The measurable goal will be met once the Map is completed in its entirety.

Develop Illicit Discharge Policy and Procedures	A policy and procedures will be developed to address illicit discharges.	The number of Illicit Discharges detected and eliminated.
Program to Detect, Identify and Eliminate Illegal Discharges	The Program shall include all requirements in Sec 2.4.4.8 of 2014 GP, including catchment priority ranking, investigation and sampling procedures.	The number of inspections conducted; and The number of illicit discharges detected and eliminated
Outfall Inventory	All outfalls will be identified and inspected according to Sec 2.4.4.7 of 2014 GP.	The 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 2014 GP. A Memorandum of Agreement with PRASA will be developed and implemented.	The number of SSOs identified and eliminated

1.2.9.4 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.)
Develop Construction Site Runoff	A policy and procedures will be	The number of erosion control projects
Control Policy and Procedures	developed to address construction site runoff.	reviewed; and
		The number of inspections conducted
General Construction Site Waste	A Standard Operating Procedure (SOP)	The number of erosion control projects
Controls	for the inspection of construction projects	reviewed; and
	will be developed. The SOP will establish	
	the inspection process that will be	The number of inspections conducted
	followed to ensure the compliance with	

	this BMP. The implementation includes trainings to inspection staff and construction related professionals.	
Information Submitted by the Public	A Standard Operating Procedure (SOP) will be developed for processing complaints regarding storm water contamination at construction sites, an Inspection Form and Database.	The number of reports received.
Construction Site Inspection and Enforcement	A Standard Operating Procedure (SOP) and Forms will be developed for the inspection of construction sites. The SOP will establish the inspection process that will be followed to ensure the compliance with the SWPPP, CES Plan and the Construction Site Waste Controls.	The number of inspections conducted.

1.2.9.5 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.)
Develop Post-Construction Policy and Procedures	A policy and procedures will be developed to address post-construction site runoff.	The number of BMPs installed to manage runoff Post Construction; and The number of inspections conducted.
Structural and Non- Structural BMPs Guide	A guide will be developed to promote the use of structural and non- structural BMPs on new developments and	The number of structural and non- structural BMPs used;

	redevelopments. 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.	The number of educational materials distributed through mailing lists; and The number of BMPs installed to manage runoff Post Construction.
Inspection and Maintenance Program-	An inspection and maintenance program will be developed 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.	The number of agreements approved for Post Construction BMP's; and The number of inspections conducted by employees on Post Construction BMP's.

1.2.9.6 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 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.)
Operations and Maintenance	The LRA for Roosevelt Roads will	The number of operation and maintenance

(O & M) Programs

develop an inventory of all facilities and review this inventory annually and update as necessary. In addition to developing written operations and maintenance procedures for the activities listed below:

- a. Parks and open spaces-
 - Develop procedures to address the proper use, storage, and disposal of pesticides, herbicides, fertilizers, lawn clippings and other vegetative waste.
 - Develop procedures for management of trash containers at parks and for placing signage in areas concerning the proper disposal of pet wastes.
- b. Buildings and facilities where pollutants are exposed to stormwater runoff-
 - Develop procedures for the use, storage, and disposal of petroleum products and other potential stormwater pollutants
- Develop management procedures for dumpsters and other waste management equipment.
- iii. Develop SPCC Plans where applicable.
- c. Vehicles and Equipment
 - i. Develop procedures for the storage and maintenance of facility vehicles.
 - ii. Develop procedures for fueling areas
- iii. Develop procedures to ensure that

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procedures developed;

The frequency of inspection and maintenance visits to facilities;

The number of personnel trained O & M procedures; and

The number of educational materials distributed to employees with information of O & M procedures.

	T	
Spill Response and Prevention Program	vehicle wash waters are not discharged to the MS4 or to surface waters. d. Infrastructure Operations and Maintenance 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 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. Procedures for spill response and prevention plans will be developed. These will 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 wastes are stored or used.	Inventory of facilities at risk for spills; The number of preventative maintenance procedures performed on tanks, valves, pumps, pipes, and other equipment; Development of a spill response plan for facilities; The number of personnel trained in spill response and prevention techniques; and

		The number of educational materials distributed to employees with information of spill response and prevention plans.
Staff Training Program	A training and education program will be developed for the operations and maintenance program designed to reduce pollutant runoff from facility operations.	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 facilities: maintenance	Inventory of facilities that require SWPPP;
	garages, public works yards, transfer stations, and other waste handling	Development of SWPPP for applicable facilities;
	facilities where pollutants are exposed to stormwater. SWPPPs shall include all	The frequency of inspections visits at facilities;
	elements required in Part 2.4.7.2 (b)(i-vi) of 2016 GP.	The number of personnel trained in SWPPP; and
		The number of educational materials distributed to employees with information of spill response and prevention plans.

1.2.10 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 Chief Executive Officer:

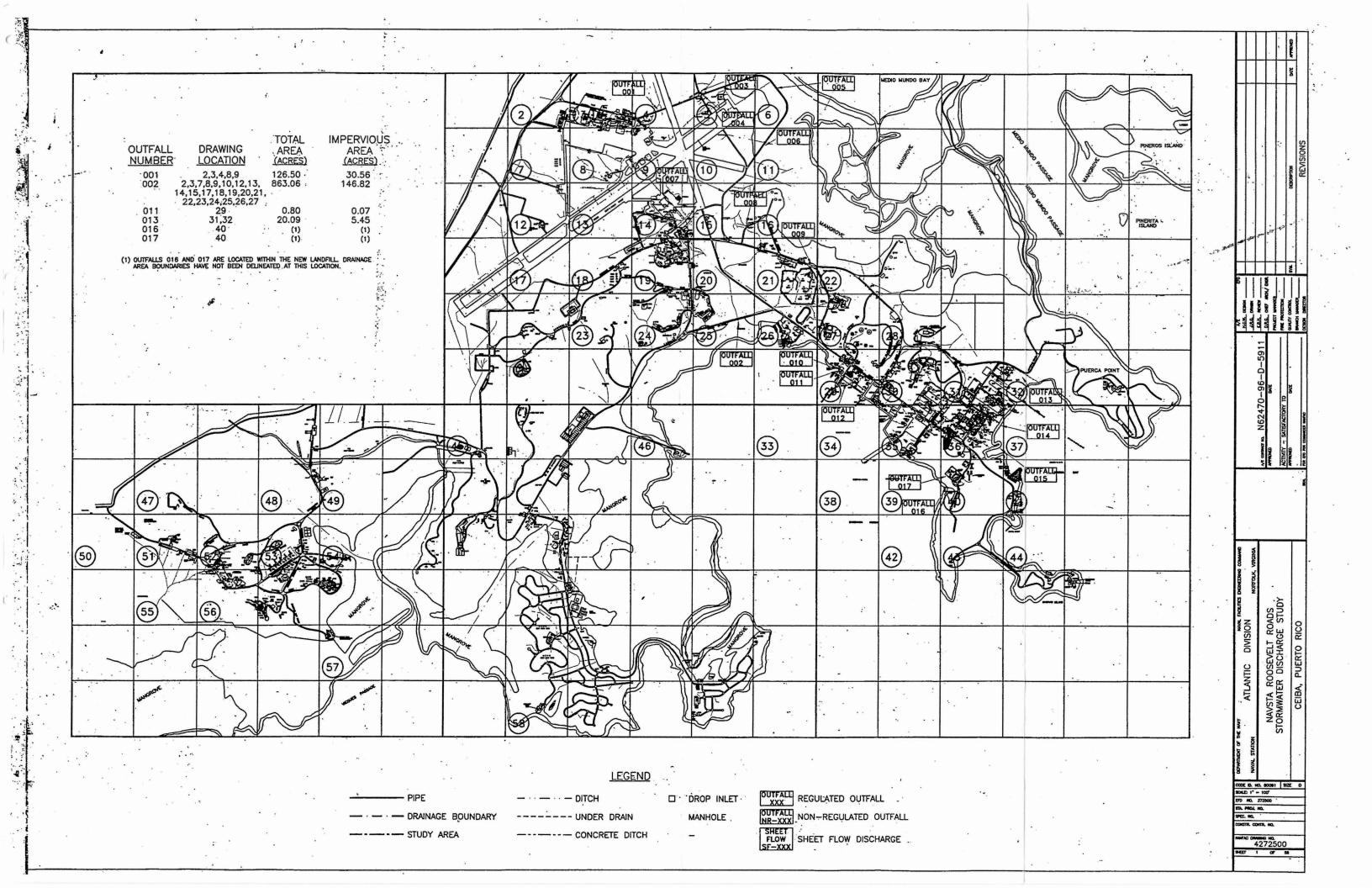
GADRIELA GONZÁLEZ VILLAMIL

Print Name of Chief Executive Officer:

Title: Executive Director Date: 15 de marzo de 2017

APPENDIX A

MS4 MAPS



APPENDIX B

ESA AND HISTORIC PROPERTIES ELIGIBILITY DETERMINATION



United States Department of the Interior



FISH AND WILDLIFE SERVICE

Caribbean Ecological Services
Field Office
P.O. Box 491
Boqueron, PR 00622
JAN 1 7 2017

In Reply Refer To: FWS/R4/CESFO/72-MM-099

Keyla Pacheco ACE Environmental, Inc. Po Box 19895 San Juan, PR 00910-9895

Re: NPDES MS4 Roosevelt Roads, Ceiba, PR

Dear Mrs. Pacheco:

We have reviewed your request for information regarding endangered and threatened species and their habitats for the above referenced action. Our comments are provided under the Endangered Species Act (Act) (87 Stat. 884, as amended; 16 United States Code 1531 et seq.), and in accordance with the Fish and Wildlife Coordination Act (47 Stat. 401, as amended; 16 U.S.C. 661 et seq.).

The Local Redevelopment Authority for Roosevelt Roads is applying for a Municipal Separate Storm Sewer System (MS4) permit under the 2016 National Pollutant Discharge Elimination System (NPDES) General Permit for its operations in Roosevelt Roads, Ceiba, Puerto Rico. The Roosevelt Roads MS4 discharges in Bahia Puerca, Ensenanda Honda, and Puerto Medio Mundo.

Based on the information provided, the location of the facility and the nature of the permit, we believe that the MS4 discharge qualifies under Criterion D: the storm water discharges related activities were already addressed in another operator's certification of eligibility which includes the municipality's storm water activities.

Be aware that consultation under Section 7 of the Act should be initiated for any new project in forested areas of concern for listed species. 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.

We appreciate your interest in protecting endangered species and their habitats. It is the Service's mission to work with others to conserve, protect, and enhance marine life, wildlife, plants and their habitats for the continuing benefit of our people.

Please do not hesitate to contact Angel Colón at 787-851-7297, extension 214 or by email angel_colon-santiago@fws.gov, should you have any questions concerning our comments

Sincerely yours,

Field Supervisor

Certification

The Local Redevelopment Authority for Roosevelt Roads 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.

There are no historic properties within the Roosevelt Roads boundaries. The Municipality is therefore determining eligibility under Criterion B: There are no historic properties eligible for listing in the National Register of Historic Places with the area of potential effects (APE).

Signature

2-15-20

Date

Gabriela González Villamil

Name

Directore Ejecutiva Interina Position