

EPA REGIONAL 2 SMALL MS4 GENERAL PERMIT

NOTICE OF INTENT (NOI) FORM FOR MS4 IN PUERTO RICO

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MUNICIPALITY OF ARROYO
P.O. BOX 477 ARROYO, PUERTO RICO 00714

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

Part A. General Information

1. Name of Municipality or Organization: Municipality of Arroyo
2. Type: Federal State Municipality Other: _____
3. Existing Permittee: Yes No If yes, provide EPA NPDES Permit Number: P R R 0 4 0 0 5 4
4. Location Address:
 - a. Street: Calle Morse num. 64
 - b. City: Arroyo State: PR Zip Code: 00714
5. Mailing Address:
 - a. Street: P O Box 477
 - b. City: Arroyo State: PR Zip Code: 00714
6. Telephone Number: (787) 839-3500 Fax: (787) 839-3500
7. E-mail: arroyooficinaalcalde@yahoo.com
8. Standard Industrial Classification (SIC) Code (see instructions for common codes): 9 1 9 9
9. Latitude: (use the format provided.) Longitude: (use the format provided.)
Approximate center of the regulated portion of the MS4.

1 7 ° 9 6 ' 5 8 " N (degrees, minutes, seconds) 6 6 ° 0 6 ' 1 4 " W (degrees, minutes, seconds)

Or

17 .9658 ° N (degrees decimal) 66 .0614 ° W (degrees decimal)

Part B. Primary MS4 Program Manager Contact Information

1. Name: Héctor Carballo Carasquillo
2. Position Title: Municipal Chief of Staff
3. Stormwater Management Program (SWMP) Location (web address or physical location): Calle Morse num. 64

Mailing Address:

- a. Street: PO BOX 477
- b. City: Arroyo State: PR Zip Code: 00714

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5. Telephone Number: 787-839-3500
6. E-mail: secmunicipalarroyo@gmail.com

Part C. Eligibility Determination

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

Part D. Map/Boundaries

1. MS4/Organization Description of regulated boundaries (narrative): The Municipality covers an area of approximately 15.18 square miles of which 1.22 square miles are classified as urban area (for purposes of our +MS4 management plan, only the delineated urban area is considered the service area of the municipality storm sewer system.
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

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

1. Estimated Percent of Outfall Map Complete? (*Part 4.2.3 of 2006 general permit*): 0 %
 - a. If 100% of 2006 requirements are not met, enter an estimated date of completion:
JUL/2020

The local Department of Public Works does not own storm sewer infrastructure maps for the urban area of Arroyo. As part of the proposed activities in the Storm Water Pollution Prevention Plan, a storm drain system map will be developed during the first four years of the implementation. Several communities with more than 500 people per site are known to exist in Arroyo. The communities are Yaurel, Pitahaya and Ancones and most of them were established 1.5 miles from the Pueblo Ward. All these settlements have storm sewers and may have an impact in the Arroyo Beach or nearby water bodies during significant rain events (more than 3 inches/24 hours period). Due to the high costs associated with this task, the Municipal Government of Arroyo is proposing a five (5) year calendar to complete this action. Once completed, this map will aid the municipality in targeting outfalls with dry weather flows and other suspicious discharges for more in-depth inspection. Also this action will promote monitoring will help

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coordinate management activities to remove illicit connections and track storm drain system maintenance.

(MM/DD/YYYY)

- b. Web address where MS4 map is published: N/A
If outfall map is unavailable on the internet an electronic or paper copy of the outfall map must be included with NOI submission.

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

1. Illicit Discharge Detection and Elimination (IDDE) authority adopted? Yes No
 - a. Effective Date or Estimated Date of Adoption: September/2010
(MM/DD/YYYY)
2. Construction/Erosion and Sediment Control authority adopted? Yes No
 - a. Effective Date or Estimated Date of Adoption: September/2010
(MM/DD/YYYY)
3. Post-Construction Stormwater Management adopted? Yes No
 - a. Effective Date or Estimated Date of Adoption: September/2010
(MM/DD/YYYY)

Part G. Receiving Waters

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

Waterbody Segment that receives flow from the MS4	Number of Outfalls into receiving waterbody segment	Have any monitoring been performed to outfalls? (Yes/No)	List of Pollutant(s) causing impairment (if applicable)	List of TMDL Pollutant (s) (if any)
Rio Nigua	4	NO		

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

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

BMP Description or BMP ID (e.g. MCM-1)	Goal Achieved? (Yes/No)	Continued in next permit cycle? (Yes/No)	Who was the targeted audience? Explain reason for not achieving goal.	Modification(s) to goals or BMP for next permit cycle
Storm water Education Brochure Distribution Campaign	NO	YES	General Public Goal was not reached due to lack of personnel and resources	Identify funds and staff to achieve the goal

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Development of Educational and Outreach Material	NO	YES	General Public Goal was not reached due to lack of personnel and resources	Identify funds and staff to achieve the goal
Environmental Fair	NO	YES	General Public Goal was not reached due to lack of personnel and resources	Identify funds and staff to achieve the goal
Municipality Web page	NO	YES	General Public Goal was not reached due to lack of personnel and resources	Identify funds and staff to achieve the goal
Waterbodies cleanup	YES	YES	Municipal employees Department of Public Works	NO
Conferences to workshop	NO	YES	General Public Goal was not reached due to lack of personnel and resources	Identify funds and staff to achieve the goal
Illicit discharge and dumping training	NO	YES	General Public Goal was not reached due to lack of personnel and resources	Identify funds and staff to achieve the goal

Part I. 2016 Stormwater Management Program (SWMP) Summary

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

BMP Description or BMP ID (e.g. MCM-1)	Education Topic (Identify the issue your BMP is educating the public about.)	Outreach Method (Describe the method used to convey this topic, e.g. mailing, events, school, etc.)	Measurable Goal (What is the end result of this program? What indicator will determine the goal has been met? (e.g., number mailing sent, people at event, class participation, etc.)
Municipal Environmental Committee	Storm Water Management	Train the personal in BMP's to help educate other employees	

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Radio Public Announcement	Storm Water Management Program	Orientations through programs and radio interviews	
Storm Water Interagency Committee	Create an interagency committee to involve agencies in the planning and implementation process of the Storm Water Management Program.		

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

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

BMP Description or BMP ID (e.g. MCM-1)	Program Description (Describe the program and how it will inspire public participation, e.g. special events, volunteer sampling and monitoring efforts, household hazardous waste recycling, etc.)	Measurable Goal (What is the end result of this program? What indicator will determine the goal has been met? (e.g., participation, amount of sampling performed, waste collected, etc.)
Storm Water Interagency Committee	Create an interagency committee to involve agencies in the planning and implementation process of the Storm Water Management Program.	Achieve the creation of projects in conjunction with the involved agencies, (DRNA, JP, and others)

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Storm Water Volunteer Group	The municipality will recruit volunteers and train them to help sampling and identifying illegal discharges.	At least five participants
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Part I. 2016 Stormwater Management Program (SWMP) Summary (continued)

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

BMP Description or BMP ID (e.g. MCM-1)	Program Description (Describe the program and how it will identify and remove illicit connections from the MS4, e.g. new regulations, investigation practices, removal of illicit connections, etc.)	Measurable Goal (What is the end result of this program? What indicator will determine the goal has been met? (e.g., adoption of bylaws/ordinances, amount of investigation performed, identified and removed illicit connections, etc.)
Legal Prohibition and Enforcement	Locate problem areas, find the source, remove or correct illicit connections and document the course of action.	Maintain a record of the illicit discharges detected and removed/connected.
Plan to detect and eliminate illegal discharges	Provide to the community tools to denounce the situation such as telephone numbers and electronic address. Conduct field inspections. The information that this produces will be registered in the municipality. If there are illegal acts in water discharges this information will be used to reduce or stop the problem	It will be measured with the information of persons or entities that we identify
Legal Prohibition and Enforcement	Locate problem areas, find the source, remove or correct illicit connections and document the course of action.	Maintain a record of the illicit discharges detected and removed/connected.

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

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

BMP Description or BMP ID (e.g. MCM-1)	Program Description (Describe the program and how it will help control stormwater runoff at construction sites, e.g. new regulations, construction practices, inspection protocols, etc.)	Measurable Goal (What is the end result of this program? What indicator will determine the goal has been met? (e.g., adoption of bylaws/ordinances, amount of inspections performed and sites actively regulated, etc.)
Implement of Erosion Control and sedimentation Prevention Measures	For any construction project with an greater than 900 meters must submit a control of erosion and sedimentation Plan. The measures in the Plan must be approved by the Environmental Quality Board.	Amount of side inspection s. Public ordinance in place procedures for site inspection implemented. Reduction of sedimentation of water bodies.
Project Inspections	Members of the Environmental Committee and other agencies may perform inspections on every project.	Amount of inspections per year made.

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

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

BMP Description or BMP ID (e.g. MCM-1)	Program Description (Describe the program and how it will control stormwater runoff from properties after they are developed, e.g. new regulations, practices, or resources for contractors to use Low Impact Development (LID), etc.)	Measurable Goal (What is the end result of this program? What indicator will determine the goal has been met? (e.g., adoption of bylaws/ordinances, amount of implemented practices, development of capacity building resources, etc.)
Detention of infiltration	Collect and gather runoff and slowly realizing it to receiving waters or drainage system A group of employees will be oriented to verify the establishment of BMP in the projects in operation	Train all staff that will be performing inspections. All the private and Municipal projects must implement BMP's correctly. List of projects and inspection forms for when inspection and orientations are conducted for BMPs establishments.

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BMP Description or BMP ID (e.g. MCM-1)	Program Description (Describe the program and how it will mitigate stormwater runoff at municipal properties or through municipal activities, e.g. installation of structural stormwater controls on the municipal properties, new practices to reduce pollutant exposure to rain events, runoff management, trainings, etc.)	Measurable Goal (What is the end result of this program? What indicator will determine the goal has been met? (e.g., structural BMPs installed, SOPs developed and implemented, etc.)
Develop and implement an operation and maintenance program with good housekeeping measures	Training programs for employees in charge of maintenance and management of Municipal Public Works Department. Perform inspections an Municipal facilities.	Train all the municipal employees of the Municipal Public Works Department.

Part J. Application Certification and Signature

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

Signature of Mayor/Elected Official: _____ 

Print Name of Mayor/Elected Official: Héctor Carballo

Title: Interim Mayor of Arroyo Date: 7/24/15

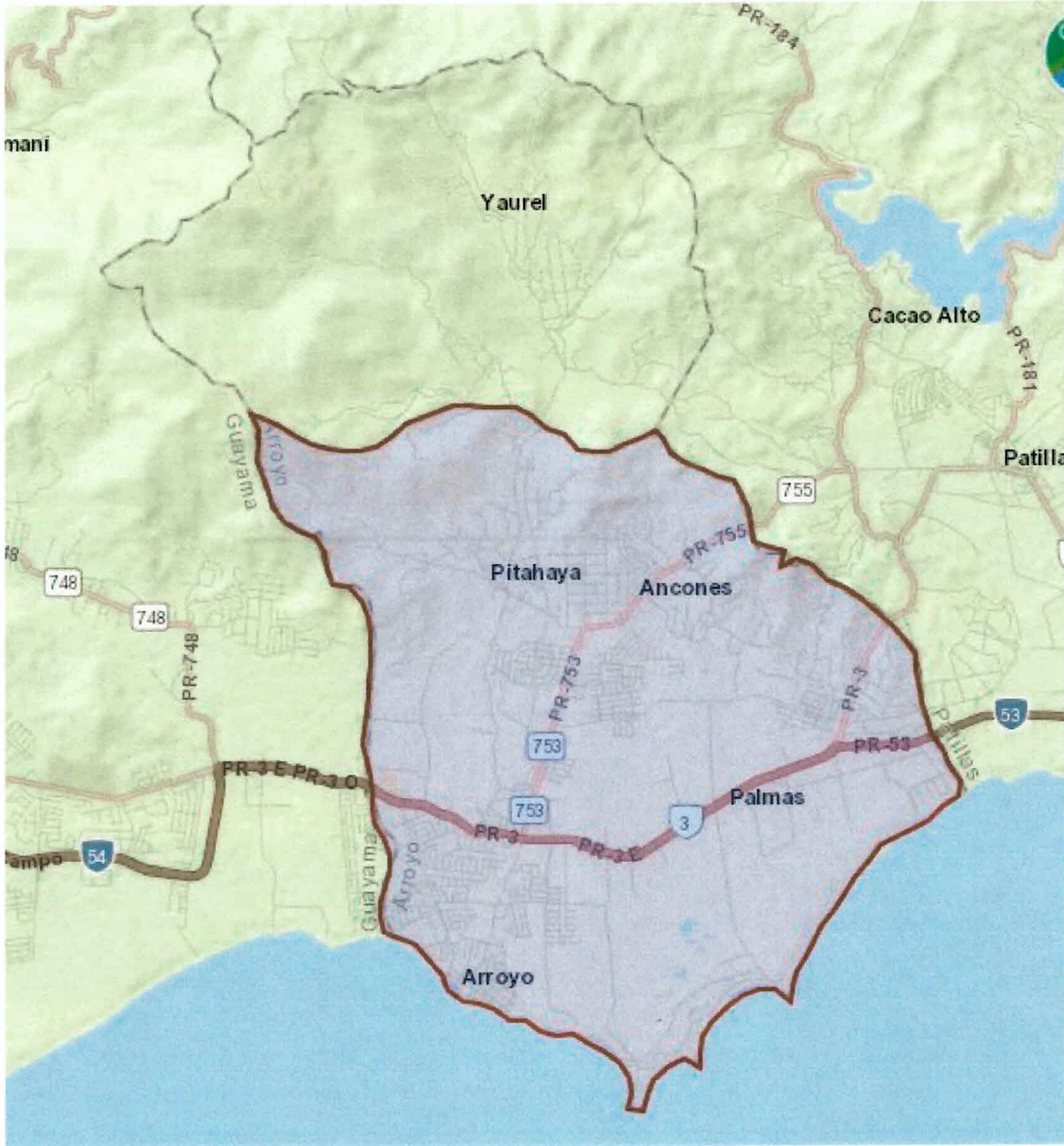


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Appendix A

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Urban Area Map

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Hydrologic Map

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