



Hon. Luis Arroyo Chiqués

May 12, 2008

Chief Tere Rodríguez
Caribbean Environmental Protection Division
Multi-Media Permits and Compliance Branch
Centro Europa Building – Suite 417
1492 Ponce de Leon Avenue
Santurce, Puerto Rico 00907



ENG. SERGIO BORGES

NOTICE OF INTENT PUERTO RICO NPED MS4 PERMIT

1. The Municipality of Aguas Buenas operates a municipal separate storm sewer system located in the traditional urban area of Aguas Buenas, Puerto Rico. Aguas Buenas is located in the central region of Puerto Rico and is defined by EPA as an urbanized area based on the 2000 census. See EPA's urbanized areas reference maps on Attachment I.

2. The operator's general information is as follows:

Name: Municipality of Aguas Buenas

Representative: Hon. Luis Arroyo-Chiqués, Mayor

Mailing Address: PO Box 128, Aguas Buenas, PR 00703

Location of representative's office: City hall located in the town square in the intersection of Road #156 and Rafael Lazas Street.

Telephone number: 787-732-8622

Bordering Municipalities: Caguas to the east, Bayamon, Guaynabo, and San Juan to the north, Comerio to the west, and Cidra to the south.

The Municipality handles its urban center as a single MS4. No large complexes or areas of the urban system require their own individual MS4. The urban center's array of roads, piping, and water canals are treated as a single MS4. The Municipality has established the limits of its urban center in coordination with Law 212 of August 29, 2002. This system is located in the urban center, which is defined by the limits established in the maps on Attachment II.

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3. The Standard Industrial Classification (SIC) Code that reflects the service provided is **9199**, for “General Government, Not Elsewhere Classified”.

4. Municipality of Aguas Buenas is a government entity. The contacts for the Municipality in regards to its MS4s are the following:

Luis O. Gallardo-Rivera (Primary Contact)
Director of Federal Affairs and Urban Development
Phone: 787-732-0015
Fax: 787-732-1370
E-mail: luisogallardo@gmail.com
Address: PO Box 128
Aguas Buenas, PR 00703

Jose Otaño
Project Manager for the Municipality
Phone: 787-732-8622 ext. 437
Fax: 787-732-2344
Address: PO Box 128
Aguas Buenas, PR 00703

 Harry Guzman
Director of Emergency Management/Storm Response
Phone: 787-732-4701
Fax: 787-732-6231
E-mail: aguasbuenas@aemead.gobierno.pr
Address: PO Box 128
Aguas Buenas, PR 00703

5. The Municipality does not generate, treat, or dispose hazardous waste; has no permit under the Resource Conservation or Recovery Act. The municipality does not own or operate a waste water treatment unit or a potable water plant; has no NPDS Permit.

6. Attachment III of this Notice of Intent of Application includes a map of the municipality extending at least 1 mile beyond the property boundaries. A topographic map was not available. This map includes the location of the water movement, intake and discharge structures, surface water bodies, and other items associated with our MS4. As stated previously, the Municipality does not generate, treat, or dispose hazardous waste. It also has no public records of any known drinking wells. Surface bodies have been identified on the attached maps.

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7. The 2006 estimation for the population of Aguas Buenas is 31,053. The population of its urban center (for which this MS4 applies) is 4,368. The Municipality is composed of 10 wards; Mula, Mulita, Juan Asencio, Bayamoncito, Sumidero, Sonadora, Caguitas, Bairoa, Jagueyes, and Pueblo. Aguas Buenas has many service areas that will be directly involved with the implementation of the Storm Water Program:

- Federal Affairs Office
- Project Management Office
- Emergency Management Office
- Public Relations
- Mayor's Office

8. The Municipality of Aguas Buenas has a territorial extension of approximately 30. square miles. Its urban center is approximately 0.13 square miles large.

9. A description of the preliminary measurable goals for each of the six minimum controls to be established as part of Aguas Buenas' Storm Water Management Program (SWMP) is included as part of attachment IV of this application.

10. The descriptions of the measurable goals for each BMP, including the months and years in which the action will be taken, interim milestones and the frequency of the action will be elaborated within the actual storm water management program.

At the time of this submission, the program is under development process. The Municipality does not have the funds for the acquisition of GIS software, consultants, engineers, and other specialists for the completion of this plan, but it is in the grueling process of seeking such resources in order to comply with program requirements.

11. The person responsible for the implementation of the BMPs in the Director of Federal Affairs, Housing, and Urban Development of the Municipality of Aguas Buenas. Actually the Director of this Department is:

Luis O. Gallardo-Rivera
Director of Federal Affairs and Urban Development
Phone: 787-732-0015
Fax: 787-732-1370
E-mail: luisogallardo@gmail.com
Address: PO Box 128
Aguas Buenas, PR 00703

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Questions concerning any of the information detailed in this Notice can be sent to the point of contact at the numbers mentioned above.

Sincerely,



Luis Arroyo Chiqués
Mayor



Hon. Luis Arroyo Chiqués

CERTIFICATION

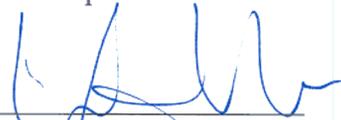
“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that a qualified personnel properly gather and evaluated the information submitted. Based on my inquiry of the person or persons who manage 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’m aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”



Hon. Luis Arroyo Chiqués
Mayor

5/13/08
Date

This report has been reviewed and approved by the Director of Federal Affairs, Housing, and Urban Development:



Luis O. Gallardo-Rivera
Director

5/13/08
Date

Attachment IV

Description of the Best Management Practices

The Municipality of Aguas Buenas will implement the following best management practices for each of the six storm water minimum control measures as described in 40 CFR 122.34(b)(1) through (6).

1) Public Education Programs:

Objective: The Municipality will educate the general public by making 300 impressions per year with a storm water quality message via print, or other appropriate media.

a. Prepare storm water education materials for citizens

Goal: prepare outreach materials on proper storm water management practices for citizens. Storm water management practices that can include:

- Avoid blocking existing channels made from storm water flow.
- Avoid leaving construction materials unprotected from storm water flows.
- Always clean up debris around the house.
- Periodically clean storm drains to prevent blockages.

b. Prepare storm water education materials for citizens on management of household hazardous waste.

Goal: Prepare outreach material on proper household hazardous waste management practices for citizens. Practices include:

- Proper ways to store paint including how to seal the paint and how to where to store it.
- How to store pesticides.
- The proper use of hazardous materials and how much to use and how not to have it release materials into the environment.
- How to minimize the disposal of hazardous products it is necessary to use when possible nontoxic alternatives.
- The dangers with flushing waste down the drain.
- The dangers of pouring hazardous products into gutters, drains, and sewers.
- Lessons on how to dispose of hazardous waste.

c. Prepare trash management education material.

Goal: Prepare outreach material on proper trash management practices for citizens. Points include:

- Implement a control structure designed to target the most prevalent types of trash and identify the source of the trash.
- Create an inventory of possible locations for trash management and disposal.
- Regular cleaning and maintenance are necessary to prevent accumulating trash.
- Inform communities on options to recycle.
- Promote waste reduction.
- Cleanup campaigns.

d. Prepare education/outreach material for commercial activities.

Goal: Prepare educate/outreach material for commercial activities. Some recommendations include:

- Good storage practices
- Waste management
- Vehicle and equipment washing
- Spill prevention and cleanup
- Proper maintenance
- Training and education for employees and customers
- Eliminating improper discharges to drains
- Trucking and shipping/receiving
- Constructing parking and landscaped areas to include storm water management features
- Using absorbent material to dispose of automotive fluids
- Rinsing and cleaning parking lots.

e. Prepare classroom education on storm water pollution management.

Goals: Prepare classroom education material for distribution to local schools. Municipality officials should work with school officials to identify their needs and provide educational aid.

2) Public Involvement Participation:

Objectives: Involve stakeholder groups, include the municipal government, businesses, and citizens in making decisions about the storm water management priorities and programs.

a. Establish a NPES storm water steering committee

Goal: The NPDES Storm Water Steering Committee is established and meets during the permit term. It includes members from the Municipality, public, industrial and commercial groups, and constructor and design groups.

b. Hold public meetings to receive input on the proposed program.

Goal: Two public meetings will be held on the subject.

3) Illicit Discharge and Elimination:

Objectives: Develop a comprehensive map of the storm water drain system, establish and carry out procedures to identify and remove illicit discharges, establish legal authority for enforcement, and encourage public involvement.

a. Storm drain system map

Goal: Develop a storm drain system map. This will aid the municipality in targeting outfalls and dry weather flows.

b. Identify illicit connections through dry weather screening

Goal: A survey during dry weather of the storm drain system will be conducted to identify non-storm water flows. Areas with suspicious activity will be further inspected.

c. Illicit discharge/illegal dumping hotline

Goal: A number and extension will be assigned to the Municipal government's phone network to provide a hotline for citizens interested in reporting illegal discharges.

4) Prepare a program to reduce pollutants in any storm water runoff to our Storm Sewer System from construction activities:

Objectives: Establish a set of minimum erosion and sediment control (ESC) requirements for construction sites, including planning, installation, inspection, and maintenance of ESC practices.

a. Request ESC plans for projects with land disturbance

Goal: A draft ordinance will be prepared that will request an ESC with all project constructions.

b. Request the use of appropriate perimeter controls.

Goal: ESC requirements will be revised to require all sites on slopes and areas where pooling of water is possible to use perimeter controls.

c. Develop and education program for contractors.

Goal: Educate contractors about the proper selection, inspection, and maintenance of BMPs to ensure compliance with the ESC.

5) Post-construction storm water management in new developments and redevelopments

Objective: Reduce the volume and improve the quality of storm water runoff by disconnecting impervious surfaces and maintaining structural storm water controls.

a. Develop a program for maintenance of structural storm water controls.

Goal: Conduct an inventory of structural runoff controls. Integrate the location of these controls with schedules for regular inspection and maintenance. Conduct inspections annually and conduct regular maintenance.

b. Develop and implement a storm water ordinance and guidance that includes standards to control runoff impacts.

Goal: Construction activities in the Municipality will be issued descriptions and plans regarding control practices and site design that comply with criteria.

6) Pollution prevention/good housekeeping for municipal operations.

Objective: Reduce the amount of nutrients entering receiving waters through education of employees about lawn care activities, spill prevention, control, and vehicle washing.

a. Training program for ground maintenance and landscaping crews.

Goal: Develop a pollution prevention workshop for all municipal employees responsible for grounds maintenance and landscaping at public facilities. New employees will be trained as they are hired.

b. Develop spill prevention and control plans for municipal facilities.

Goal: Develop plans describing spill prevention and control procedures. Conduct a spill prevention and response training session for all employees. Distribute materials, posters, and pamphlets.