

**Notice of Intent**  
**National Pollutant Discharge Elimination System Permit**  
**Small Municipal Separate Storm Sewer Systems (MS4)**  
**Municipality of Río Grande, Puerto Rico**

**July 2009**

## Table of Contents

<b>1. GENERAL INFORMATION</b> .....	2
1.1. OWNERSHIP STATUS.....	2
1.2. NAME OF SMALL MS4.....	2
1.3. NAME OF RESPONSIBLE OFFICIAL.....	2
1.4. DESIGNATED STORM MANAGEMENT PROGRAM CONTACT.....	2
1.5. SIC NUMBER.....	2
1.6. PERMITS AND CONSTRUCTION APPROVALS.....	3
1.7. TOPOGRAPHIC MAPS AND OTHER FIGURES.....	3
1.8. BRIEF DESCRIPTION OF THE NATURE OF THE BUSINESS.....	4
1.9. ELIGIBILITY CRITERIA FOR PROTECTION OF THREATENED OR ENDANGERED SPECIES, CRITICAL HABITATS, HISTORIC PROPERTIES, AND MARINE FISHERIES.....	5
1.10. ESTIMATE OF THE SQUARE MILEAGE SERVED BY THE MS4(S).....	6
1.11. BEST MANAGEMENT PRACTICES TO BE IMPLEMENTED FOR EACH OF THE SIX STORM WATER MINIMUM CONTROL MEASURES.....	6
1.11.1. <i>Minimum Control Measure: Public Education and Outreach on Storm Water Impacts</i> ....	6
1.11.2. <i>Minimum Control Measure: Public Involvement and Participation</i> .....	6
1.11.3. <i>Minimum Control Measure: Illicit Discharge Detection and Elimination</i> .....	6
1.11.4. <i>Minimum Control Measure: Construction Site Storm Water Runoff Control</i> .....	7
1.11.5. <i>Minimum Control Measure: Post-Construction Site Storm Water Runoff Control</i> .....	7
1.11.6. <i>Minimum Control Measure: Pollution Prevention/Good Housekeeping for Municipal Operations</i> .....	7
<b>2. CERTIFICATION STATEMENT</b> .....	8
<b>APPENDIX A – PERMITTING RELATED DOCUMENTS</b> .....	9
<b>APPENDIX B – FIGURES AND MAPS</b> .....	10
<b>APPENDIX C – MINIMUM CONTROL MEASURE: PUBLIC EDUCATION AND OUTREACH ON STORM WATER IMPACTS</b> .....	11
<b>APPENDIX D – MINIMUM CONTROL MEASURE: PUBLIC INVOLVEMENT AND PARTICIPATION</b> .....	12
<b>APPENDIX E – MINIMUM CONTROL MEASURE: ILLICIT DISCHARGE DETECTION AND ELIMINATION</b>	13
<b>APPENDIX F – MINIMUM CONTROL MEASURE: CONSTRUCTION SITE STORM WATER RUNOFF CONTROL</b>	14
<b>APPENDIX G – MINIMUM CONTROL MEASURE: POST-CONSTRUCTION SITE STORM WATER RUNOFF CONTROL</b>	15
<b>APPENDIX H – MINIMUM CONTROL MEASURE: POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS</b> .....	16

**1. General Information**

**1.1. Ownership Status**

Municipal Stormwater Sewer System

**1.2. Name of Small MS4**

Municipality of Río Grande, PR

**1.3. Name of Responsible Official**

Name: Hon: Eduard Rivera Correa

Title: Mayor

Mailing Address: PO Box 847, Río Grande, PR 00745

Telephone number: 787-887-2370

E-mail address: erivera\_alcalde@riograndepr.org

**1.4. Designated Storm Management Program Contact**

Name: Hon. Eduard Rivera Correa

Title: Mayor

Mailing Address: P.O. Box 847, Río Grande, PR 00745

Telephone Number: 787-887-2370

E-mail address: erivera\_alcalde@riograndepr.org

**1.5. SIC Number**

9199

## 1.6. Permits and Construction Approvals

Most of the permits granted to the Municipality of Río Grande are state related permits and are applicable to the operation of institutional and office buildings. Most of these permits are granted by the Puerto Rico Regulations and Permits Administration (ARPE). Also, the municipality has several small construction and retrofit projects that have been granted the applicable ARPE construction permits.

Agency / Department	Permit Number	Type/ Description	Facility/Location
Municipality of Río Grande	SAJ-2006-3996	US Army Engineer District, Jacksonville, FL / Discharge of fill material over 0.54 acre of freshwater marshes and the channelization of a 154 meters long section of an unnamed creek. A copy of this permit is included as <b>Appendix A</b> of this document.	Highway PR-3, Km. 24.2, Guzman Abajo Ward, Río Grande, PR

## 1.7. Topographic Maps and Other Figures

**Appendix B** of this document includes the following references figures:

- Location Map – Municipality of Río Grande
- Aerial Photo

United States Geological Survey (USGS) Topographic Map

Río Grande Topography Map with Urbanized Areas

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- Río Grande Wards Map
  - Río Grande Wards and Urbanized Area Map
  - Río Grande Communities within MS-4 Area
  - Río Grande Water Resources (Rivers, Creeks and Water Channels) within MS-4 Area – This figure shows the names and locations of certain waters of the United States that may receive storm water discharges from the MS4’s outfalls.
  - Flood Prone Areas Map

The Municipality is in the process of gathering the relevant information to develop a map showing the location of all its intakes, outfalls, and the names and location of all waters of the United States that receive discharges from those outfalls. At this time, the Municipality estimates that it will complete the aforementioned task by the end of the first five (5) year term.

### **1.8. Brief Description of the Nature of the Business**

The Municipality of Río Grande is located in the Northern Coastal Valley of the island of Puerto Rico. It is surrounded by the Atlantic Ocean and the municipalities of Loíza from the north, from the south Las Piedras, Naguabo and Ceiba; from the west Loíza and Canóvanas, and east of the Luquillo and Fajardo municipalities. The Municipality of Río Grande has a total approximate area of 89.6 square miles, of which approximately 60.7 square miles is composed of land and 28.9 square miles of water.

The Municipality of Río Grande is known as the City of El Yunque, since almost the entirety of this National Forest is contained within the

municipality boundaries. Río Grande is composed of 8 wards and Río Grande Pueblo. According to the 2000 Population Census, the municipality had 52,362 inhabitants, with a density of 862.2 people/sq mi.

The MS4 is located within part of the "San Juan, PR Urbanized Area – Northeast Portion" (See Appendix A1). The MS4 contains a land area of approximately 21.7 square miles and is composed of the following wards: Ciénaga Baja, Ciénaga Alta, Río Grande Pueblo, Guzmán Abajo, Zarzal (at southern area) and Jiménez (at northern area), of which Ciénaga Baja and Zarzal are our most populated areas. In addition, the latitude and longitude of the approximate center of the MS4 are 18° 22' 04" N, and 65° 49' 47" W, respectively. Within the MS4 is the down town area and the administrative center of the Municipality. The MS4 is also composed of commercial, small agricultural and pasture practices, light industrial and residential areas. At this moment, the municipality of Río Grande cannot establish a real estimate of the storm sewer system capacity and other relevant information. The Municipality will include this as task in our Stormwater Management Program, hopefully completing it on the fifth year after Permit's coverage date.

**1.9. Eligibility Criteria for Protection of Threatened or Endangered Species, Critical Habitats, Historic Properties, and Marine Fisheries.**

The Municipality is in the process to submit formal consultations to the United States Fish and Wildlife Service and the State Historic Preservation Office as to verify the information required related to the

eligibility criteria for protection of threatened or endangered species, critical habitats, historic properties, and marine fisheries. As soon as the information becomes available to the municipality the information will be provided to the United States Environmental Protection Agency.

### **1.10. Estimate of the Square Mileage served by the MS4(s)**

21.7 square miles

### **1.11. Best Management Practices to be Implemented for Each of the Six Storm Water Minimum Control Measures**

Descriptions of the best management practices to be implemented by the applicant or another entity for each of the six storm water minimum control measures & measurable goals for each BMP, including (as appropriate) the months and years in which the action will be taken, including interim milestones and frequency of the action. (Please refer to **Appendixes C, D, E, F, G and H**).

#### **1.11.1. Minimum Control Measure: Public Education and Outreach on Storm Water Impacts**

Please Refer to **Appendix C** of this document

#### **1.11.2. Minimum Control Measure: Public Involvement and Participation**

Please Refer to **Appendix D** of this document

#### **1.11.3. Minimum Control Measure: Illicit Discharge Detection and Elimination**

Please Refer to **Appendix E** of this document

**1.11.4. Minimum Control Measure: Construction Site Storm  
Water Runoff Control**

Please Refer to **Appendix F** of this document

**1.11.5. Minimum Control Measure: Post-Construction Site  
Storm Water Runoff Control**

Please Refer to **Appendix G** of this document

**1.11.6. Minimum Control Measure: Pollution  
Prevention/Good Housekeeping for Municipal  
Operations**

Please Refer to **Appendix H** of this document



