

## CONSENT DECREE:

Settlements for the violation of the terms and conditions of the National Pollutant Discharge Elimination System (“NPDES”) General Permit for Discharges from Small Municipal Separate Storm Sewer System (“MS4 Permit”).

- The Municipality of San Juan
- Department of Natural and Environmental Resources (DNER)
- Department of Transportation and Public Works (DTPW)
- Puerto Rico Highway and Transportation Authority (HTA)
- The Commonwealth of Puerto Rico

# DRNA Compliance Measures

- NPDES Permit Application and Storm Water Management Program (SWMP) for the DNER Pump Stations (Baldorioty de Castro, De Diego, Parada 18, etc).
- Water Quality Monitoring and Improvement Activities, Including Plans to Archive the Commonwealth Water Quality Standards (Appendix F; Monitoring Parameter) at each of the DNER Pump Stations.
- Monitoring for Enterococcus and Fecal Coliform (twice per month) at the De Diego Pump Station discharge point to the Atlantic Ocean.
- Monitoring and measuring floatables, discharges, and/or deposits in the receiving waters (**East side of Condado Bridge to Punta Las Marías, Los Corozos Lagoon and CMP**) from the DNER Pump Stations.
- Installation, Inspection, Maintenance, and/or Replacement of Warning Signs at all DNER Pump Station's Discharge Points.
- Pump Station Sludge Sampling (Toxicity Characteristic Leaching Procedure "TCLP") and Disposal.

# DRNA Compliance Measures

- Ten (10) annual installments of \$100,000 into the Court Registry to support the completion of Phase I through IV activities under the San Juan Stage I Work Plan and/or the DTPW/HTA Stage I Work Plan for the **Diego Pump Station Priority Area**.
- Ten (10) annual installments of \$150,000 into the Court Registry to support the completion of Phase I through IV activities under the San Juan Stage I Work Plan and/or DTPW/ HTA Stage I Work Plan for the **Stop 18 Pump Station Priority Area**.

# MSJ Compliance Measures

- NPDES Permit Application and Storm Water Management Program (SWMP) for the San Juan Municipality.
- San Juan's MS4 Reconnaissance, Investigation, Planning & Design, Implementation, and Construction Work Plans, and Urgent Action Registry

# San Juan's MS4 Reconnaissance, Investigation, Planning & Design, Implementation, and Construction Work Plans, and Urgent Action Registry

## Stage I Work Plan:

- Phase 1: Reconnaissance
- Phase II: Investigation
- Phase III: Planning & Design
- Phase IV: Implementation

# Phase I: Reconnaissance

- (a) information and data gathering for asset map generation, outfall reconnaissance, and asset map updating and verification,
- (b) identification of suspicious or illicit flow in storm sewer pipes,
- (c) identification of potential interconnections between systems and straight pipe connections,
- (d) review of and prioritization based on history of complaints, where applicable,
- (e) identification of suspicious surface depressions on or about sewer pipe or manhole areas,
- (f) identification of sewer pipes where obstructions were encountered and cleaning actions will be required, and
- (g) documentation of preliminary findings from the field verification exercise in anticipation of Phase II (Investigation) activities. San Juan may rely on and incorporate existing studies, reports, and other information for purposes of satisfying the requirements of Phase I.

# Urgent Action Registry and Schedule For Elimination of Illicit Discharges

- (a) San Juan shall submit, with each Quarterly Report, an Urgent Action Registry containing information describing all complaints from EPA, PRASA, DTPW/HTA, DNER, EQB, and any other government agency or citizen providing notice of a complaint of illicit discharges in San Juan's MS4 without regard to severity of the suspect discharge.
- (b) This Urgent Action Registry will also include the status of the reconnaissance and/or investigation performed by San Juan of these complaints, the expected date for correcting or eliminating any interconnections identified during such reconnaissance and/or investigation, and the expected date for eliminating each illicit discharge, interconnection, or problem so identified, according to the priority described therein.

# Water Quality Monitoring and Outfall Reconnaissance Inventory Program

- Pump Station Effluent Sampling Plans and Analysis. The San Juan shall collect samples (“monitoring”) at its Pump Stations’ effluent discharge points in accordance with Appendix D (Monitoring Parameters).
- Outfall Reconnaissance Inventory (“ORI”) Program



# Outfall Reconnaissance Inventory ("ORI") Program

- At each outfall, MSJ shall utilize field tests for ammonia, pH, chlorine and temperature; assess for odor, surfactants, turbidity, foam, trash, and color.
- If the sampling results for MSJ MS4 outfalls show an exceedance of the Water Quality Standards, and/or shows signs of an illicit connection/discharge, San Juan shall address this in its Work Plan and include in the Quarterly Report for the relevant period, the actions it plans to take to reduce these exceedances and/or illicit connections to the maximum extent practicable, as required by the MS4 Permit.
- ORI Tracking Database shall include information on each outfall (including locations (latitude and longitude), street names, coordinates, and receiving water bodies) and whether illicit discharges are suspected or confirmed.
- The ORI Tracking Database shall also include the identity of the entity which owns or operates (or is reasonably believed to own or operate) the illicit discharge point (e.g., San Juan, PRASA, DTPW/HTA, DNER, privately owned homes or businesses, etc. with straight pipe connections/discharges, etc.).