

Name of Preparer: Khalid Chowdhry
Staff Permit Writer: Khalid Chowdhry
Date: October 17, 2006

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UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
REGION II
290 Broadway
New York, New York 10007-1866

FACT SHEET
DRAFT NPDES PERMIT TO DISCHARGE
INTO THE WATERS OF THE UNITED STATES

NPDES No. Application No. PERMIT No PR0025208

Name and Address of Applicant:

Puerto Rico Aqueduct and Sewer Authority (PRASA)
P.O. Box 7066
Bo. Obrero Station
Santurce, Puerto Rico 00916

Name and Address of Facility
where Discharge Occurs:

Mameyes Abajo Water Treatment Plant
Road PR-140, Km 19.1
Utuaado, Puerto Rico 00641

Receiving Water: Intermittent creek tributary to Limon River
Classification: SD

I. LOCATION OF DISCHARGE

The above-named applicant has applied for a National Pollutant Discharge Elimination System (NPDES) permit, to the U.S. Environmental Protection Agency (EPA) to discharge into the designated receiving waters. The location of each discharge is described by the following U.S.G.S. Coordinates:

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	<u>Latitude</u>	<u>Longitude</u>
Outfall 001	N 18° 16' 50"	W 66° 35' 41.2"

A description and/or sketch of the location of the discharges is appended as Attachment I.

II. DESCRIPTION OF FACILITY

Mameyes Abajo Water Treatment Plant (WTP) is a facility owned by Puerto Rico Aqueduct and Sewer Authority (PRASA) which supplies potable water to Mameyes Ward. The 0.0163 MGD of wastewater, consisting of filter backwash and sedimentation tanks drain, is currently discharged through outfall 001 to Limon River. A sludge treatment system (STS) is proposed to treat this wastewater before discharge to the river. The STS will thicken the sludge to be dried in drying beds and the dried sludge will be hauled to a municipal landfill. The clarified effluent will be recirculated back to the plant entrance or discharged to the river.

III. DESCRIPTION OF DISCHARGE

A description of the type and quantity of pollutants which are to be discharged is listed in Table A-1 of the draft permit.

IV. DESCRIPTION OF DRAFT PERMIT CONDITIONS

The effluent limitations, monitoring requirements, schedules of compliance and other conditions of the draft permit are described in Attachment II. Also included in Attachment II is a brief summary of the basis for each effluent limitation and other conditions in the draft permit.

V. STATE CERTIFICATION REQUIREMENTS

State Certification requirements based upon a draft Water Quality Certificate (WQC) issued on October 10, 2006 by the Environmental Quality Board (EQB) of the Commonwealth of Puerto Rico are described in Attachment III. Review and appeals of limitations and conditions attributable to this certification shall be made through the applicable procedures of the Commonwealth of Puerto Rico and may not be made through EPA procedures.

VI. PROCEDURES FOR REACHING A FINAL DECISION ON THE DRAFT PERMIT

These procedures, which are set forth in 40 CFR 124, are described in the public notice of preparation of this draft permit. Included in the public notice are requirements for the submission of comments by a specified date, procedures for requesting a hearing and the nature of the hearing, and other procedures for participation in the final agency decision.

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VII. EPA CONTACT

Additional information concerning the draft permit may be obtained between the hours of 8:00 A.M. and 4:30 P.M., Monday through Friday from:

WALTER E. ANDREWS, CHIEF
WATER PROGRAMS BRANCH
USEPA-REGION 2
290 BROADWAY - 24TH FLOOR
NEW YORK, NEW YORK 10007-1866
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ATTACHMENT II

DESCRIPTION OF DRAFT PERMIT CONDITIONS FOR OUTFALL 001

The effluent limitations, monitoring requirements, and other conditions are described in the draft permit.

I. Water Quality-based Limits

All limitations of parameters listed in Table A-1 (including **2-Chlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2-Methyl-4,6 Dinitrophenol, 2,4-Dinitrophenol, 2,4,6-Trichlorophenol, Pentachlorophenol, Phenol, BOD, Cadmium, Color, Copper, Dissolved Oxygen, Fecal Coliforms, Flow, Fluoride, Lead, Oil & Grease, pH, Residual Chlorine, Solids and Other Matter, Suspended, Colloidal or Settleable Solids, Taste and Odor Producing Substances, Temperature, Total Ammonia, Total Dissolved Solids, Total Phosphorus, Turbidity and Zinc**) and all special conditions are as imposed in EQB's draft WQC, dated October 10, 2006. These limitations are equal to or more stringent than the existing NPDES permit requirements.

II. Monitoring Requirements

The monitoring requirements in Table A-1 for **2-Chlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2-Methyl-4,6 Dinitrophenol, 2,4-Dinitrophenol, 2,4,6-Trichlorophenol, Pentachlorophenol, Phenol, BOD, Cadmium, Color, Copper, Dissolved Oxygen, Fecal Coliforms, Flow, Fluoride, Lead, Oil & Grease, pH, Residual Chlorine, Solids and Other Matter, Suspended, Colloidal or Settleable Solids, Taste and Odor Producing Substances, Temperature, Total Ammonia, Total Dissolved Solids, Total Phosphorus, Turbidity and Zinc** are based on a BPJ determination in consideration of the WQC issued by EQB, dated October 10, 2006. A footnote was added in Table A-1 under the parameter Suspended, Colloidal, or Settleable Solids to clarify that testing for these parameters should be conducted for Settleable Solids.

III. Special Conditions

The Special Conditions in the draft permit are part of EQB's draft WQC, dated September 27, 2006.

IV. General Conditions - These conditions apply to all permits as required by 40 CFR Part 212.7.

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V. Permit Expiration Date

The validity of the permit is being limited to five years.

