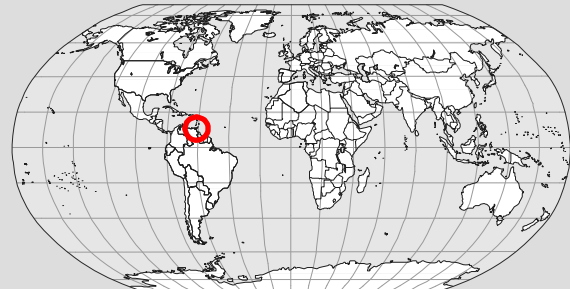


WASTE WATER TREATMENT PLANT – POINTE-À-PIERRE REFINERY Pointe-à-Pierre, Trinidad and Tobago – PETROTRIN



Main Facts

- **Treatment Capacity:**
Plant 1: 9.600 m³/d (60.400 bpd).
Plant 2: 4.800 m³/d (30.200 bpd).
- **Schedule:** January 1998 – June 1998
(6 months)

Scope

- Basic Engineering
- Conceptual Engineering
- Start Up Assistance

Facilities

- Contaminated Rain Water & Industrial Water Collection System
- API Separators
- Skimmer Tanks
- IAF Units (Induced Air Flotation)
- Chemicals Injection Systems

Highlights

- Detailed topology study to maximize gravitational flow between the refinery and the sea, considering tides levels
- Chemicals dosage study and test runs to comply with World Bank Guidelines for effluent water quality
- Conceptual engineering included waste water stream characterization & quantification, and segregation between pluvial and industrial waste water in the collection system



Photograph corresponds to a similar plant

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