



## WATER

### Caroni Water Treatment Works - South Water Project Trinidad & Tobago Water Services Limited

Penspen provided the following services:

- Project Management
- Overall and Project Planning
- Management of Design and Construction Sub-Contractors - Process, Mechanical, Instrumentation and Civil
- Design of Electrical Power System
- Procurement
- Shipping
- Management of Commissioning, Testing and Training



**Capacity:** 70 ml/d Potable Water

**Penspen Contract:**  
Engineer, Procure & Construct (EPC)



**Profile:** River Water Pumping Station, 350 ml/d 70 ml/d river water treatment plant to provide potable water to the island of Trinidad, Caribbean

- Flocculation and Sedimentation
- Rapid Gravity Filters
- Contact Tanks
- Chemical Dosing Systems
- Aluminium Sulphite Mixing and Dosing
- Lime Mixing and Dosing
- Coagulant and Flocculation Aid
- Polyelectrolyte Dosing
- Chlorine Gas Storage and Distribution
- High-Lift Pumping Station to - Transmission System
- Complete MV and LV Ring Main and - Distribution Electrical System
- Plant Control Systems

**Penspen Manhours:** 27,000

**Sub-Contractors Manhours:** 750,000 approx

**Project Value:** £13.145m