

## Courland Water Treatment Plant (WTP)

The plant is located on the island of Tobago, and consists of Raw Water Intake Pumps, Flocculation Tanks, Clarifiers, Filters, Clear Well, Plant Discharge Pumps, and various Chemical Systems.

Various levels as well as modes of control are provided. The plant control and monitoring system is based on an Allen-Bradley PLC (Programmable Logic Controller), with operator interaction and data reporting through a workstation. The operator workstation is based on Intellution's iFIX SCADA software. A valve network is also provided, linked to the PLC.

Each device/unit control adheres to stringent standards for actual control as well as fault monitoring. 'Standard' logic templates are used for all devices/units.

Operator screens are both functional and intuitive, while taking into account client preferences and requirements.

