

Elgin WTP Residuals Management Facility

Summa's past experience in construction and implementation of Water Treatment Plant SCADA Systems and our involvement of the last major SCADA upgrade at the WTP, in addition to our expertise in programming, instrumentation, documentation, and commissioning allowed for the successful completion of this project

Background

The Residuals Management Facility project consists of a new facility to treat the Elgin WTP process wastewater. The facility includes a sludge scraper system, centrifuge, thickeners, polymer system, dechlorination system, associated pumps, conveyor, standby power, and instrumentation. SCADA requirements include PLC panels, PLC and SCADA programming, package systems integration into the plant SCADA, integrating complete system into the EAWTP SCADA system.

Scope of Work

The goal was to deliver the project on schedule and on budget to meet and exceed the expectations of the project.

Summa was responsible for supplying SCADA hardware and software, supplying and commissioning instrumentation, PLC panels, PLC and SCADA. PLC and SCADA programming for the facility was provided including integration of the package systems the main EAWTP SCADA system. EAWTP programming standards were maintained throughout the project.

PLC: Rockwell ControlLogix
SCADA: Rockwell RSView

