

## Background

Construction of new water treatment plant ( WTP) and sewage pumping station (SPS).

## Project Scope

- New pumps, Media Filter Tanks, reservoir cells, clean water trenches, dechlorination chambers
- Plant wide HVAC
- Electrical Scope: MCC's, VFD's, lighting panels and transformer. PLC and communication panels.
- Instrumentation: PLC, Control Panel, Process Instruments and SCADA Programming.

## Project Demand

👉 Effective Project Management & execution.

## Reason for Win!!

- 👍 Listed as an approved System Integrator.
- 👍 Comprehensive services, ranging from PLC, HMI, & SCADA programming to integration & commissioning.
- 👍 Proven track record & unwavering commitment to quality through FAT & SAT processes.

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### *Township of Springwater - Doran Neighborhood Water Treatment Plant and Sewage Pumping Station*

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### Scope of Valley Integration Inc., - Instrumentation + Control Panel + Programming

Valley Integration was responsible for SITC of,

- New PLC, Effluent Fan, and Network Access closet Panels
- Process Instruments: Analytical measurement including Chlorine, Iron, Ph, Manganese, Turbidity, Ammonia Analyzers, Flowmeters, Pressure, Temperature and Level.
- PLC, HMI & SCADA Programming, Testing, Integration, Commissioning and Documentation.
- FAT, SAT and training for Instrumentations and PLC's.

### List of Major Suppliers:

- PLC : Rockwell ControlLogix PLC
- SCADA : GE iFIX Professional
- INSTRUMENTS : By Valley as per approved list.



**Valley Integration Inc.**

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