

Background

Wet well & Valve Chamber improvements, including replacement of pump guide and lifting systems.

Project Scope

- Replacement of Pumps, Level devices and Check Valves.
- Supply & installation of a new metering chamber.
- Control room upgrades, Replacement of PLC & associated upgrades.
- 24/7 Remote monitoring and Control systems.

Project Demand

- ☞ Detailed site analysis to perform upgrades.
- ☞ Remote monitoring and control system in remote treatment facility.

Reason for Win!!

- ☑ Proven capability in delivering PLC system hardware, standard programming, & application software solution.
- ☑ Comprehensive expertise in supplying, Testing, commissioning & training for a wide array of plant instruments.

Line 2 Sewage Pumping Station Upgrade- Regional Municipality of Niagara

Scope of Valley Integration Inc., - Instrumentation + Programming

Valley Integration was responsible for,

- Supply, commissioning, and training of plant instruments including primary elements, transmitters.
- PLC system hardware, standard programming, and application software.
- 24/7 Remote monitoring and control system of Pumping station and Remote monitoring facility devices.

List of Major Suppliers:

- PLC : Rockwell PLC, CompactLogix
- OIT : Emerson Quick Panel+
- SCADA : Existing
- INSTRUMENTS : By Valley as per approved list.

JACOBS[®]

Procon
CONSTRUCTORS INC

Niagara  Region

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