

## Background

Construction of new Sewage Pumping Station (SPS) as part of a new Erin Wastewater Collection System extending from the communities of Hillsburgh and Erin village.

## Project Scope

- New pumps, associated process piping, pipe supports, guiderails, valves.
- Building mechanical services including heating and ventilation, fire protection, water services
- New 600V 3 Phase service with meter, transformers at SPS and diesel standby generator at William Street site
- Instrumentation: PLC, Control Panel, Process Instruments and SCADA Programming.

## Project Demand

- ☞ Effective Project Management & execution.

## Reason for Win!!

- ☞ Valley approved as System Integrator from cash allowance package

# *Erin Wastewater System Sewage Pumping Station – Town of Erin*

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

Valley Integration was responsible for SITC of,

- New PLC and Communication Panel
- Process Instruments: Flowmeters, Pressure, Temperature, Level and smoke detectors.
- Process Control Narrative Development
- PLC, HMI & SCADA Programming, Testing, Integration, Commissioning and Documentation.
- FAT, SAT and training for RPU's and PLC's.

### List of Major Suppliers:

- PLC : Rockwell ControlLogix PLC
- SCADA : GE iFIX Professional
- OIT : FactoryTalk View ME
- SCADA Standards : Valley's own Standards



**Valley Integration Inc.**

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