

## Township of Enniskillen

Summa's expertise upgrading SCADA systems and our understanding of municipal water systems in addition to our experience in design, programming, and commissioning online facilities allowed for the successful completion of this project.

### Background

The Township of Enniskillen water system includes the Village of Oil Springs pump station/reservoir and the Lasalle Line booster station built over twenty years ago. This system had obsolete PLCs, a SCADA system that was past its service life, an antiquated operator interface that was not user friendly and communications utilizing modems and dedicated Bell lines. The scope of work was to upgrade the SCADA assets, integrate existing instrumentation, and implement the new system with minimal interruptions to the water supply.

### Scope of Work - Control System

Summa, as the general contractor, was responsible for the full scope of work under this contract. This included system design, material procurement, HMI development, PLC programming, installation including ancillary devices, and commissioning. The obsolete GE 9030's were upgraded to RX3i, Wonderware Intouch was upgraded to the latest version, the workstation was upgraded, compliance reporting was upgrade to Dream Report, and the communications was upgraded to cellular.

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