



Craigleith Main Sewage Pumping Station Upgrade Town of The Blue Mountains

The Ainley Group provided engineering services to the Town of The Blue Mountains to upgrade the capacity of the Craigleith Main Pumping Station, which was originally constructed in 1986. Due to development pressures and increased tourism, the station was upgraded from 122 L/s to 180 L/s as a Stage 1 upgrade. The Stage 1 upgrade comprised revised pump discharge piping and the installation of a second forcemain. The duplicate forcemain was installed using both open cut and horizontal directional drilling construction methods. Future Stage 2 and 3 expansions will include installing a third pump and existing pump replacements.

The Craigleith main sewage pumping station was designed to pump all flows to an extended aeration activated sludge plant, located at the east end of the Town. The main sewage pump station now has a peak flow capacity of 180 L/s using two, shaft driven, centrifugal pumps in a wet well/dry well station.

Project Facts

Client: Town of The Blue Mountains (Craigleith)

Scope of Work

- Schedule B Class Environmental Assessment
- Preliminary and final design
- Agency approvals including MTO Traffic Management Plan
- Specification and bid preparation
- Construction administration and site supervision
- Preparation of record drawings.

Key Design Criteria:

- Peak Flow Capacity: 180 L/s
- Population: 11,300 + 11,600 day visitors
- Revised station piping
- Installation of duplicate forcemain (300-mm dia).

Project Cost: \$1,500,000 (2006)