

## Nexus Phase 1 Construction Project

**PROJECT DESCRIPTION**

Nexus Phase 1 Construction Project NEX-PRO-CON-003 The Nexus Phase 1 Construction Project was a 4.5 billion cubic feet (bcf) expansion of Enbridge Gas Distributions unregulated natural gas storage facility at Tecumseh, near Sarnia, Ontario The project included the construction of four segments of extra high pressure pipelines in existing designated natural gas storage areas to enhance the storage service. The first segment of pipeline was approximately 1900 metres of nominal pipe size ("NPS") 20 ("inch") diameter steel pipeline ("Interconnect Pipeline") with a maximum operating pressure of 1 700 psig (11 730 kPa). The Interconnect Pipeline connects to the existing Dow Moore Pool Line via a new metering station ("Dow Moore Metering Station"), and then to two metering stations at the Seckerton and Corunna storage reservoir sites ("Seckerton Metering Station" and "Corunna Metering Station", respectively). The second segment of pipeline was approximately 1500 metres of NPS 20 steel pipeline ("Seckerton Gathering Line") with a maximum operating pressure of 1 700 psig (11 730 kPa). This pipeline will connect to the gas wells in the Seckerton storage reservoir through new lateral connections, and the pipeline will tie-in to the Seckerton Metering Station. The third segment of pipeline was approximately 50 metres of NPS 20 steel pipeline ("Seckerton Pool Line Station Tie-In"), with a maximum operating pressure of 1 700 psig (11 730 kPa). The Seckerton Pool Line Station Tie-In will connect the existing NPS 20 steel Seckerton Pool Line to the Seckerton Metering Station. The fourth segment of pipeline is approximately 50 metres of NPS 16 steel pipeline ("Corunna Pool Line Station Tie-In") with a maximum operating pressure of 1 350 psig (9 310

**Client**

Enbridge Gas Distribution Inc.

**Job Number**

11012

**Work Type**

Integrity &amp; Maintenance

**Location**

Ontario

**Role**

General Contractor

kPa). The Corunna Pool Line Station Tie-In will connect the existing NPS 16 steel Corunna Pool Line to the Corunna Metering Station. Robert B. Somerville Co. Limited subcontracted various mechanical and electrical components to St. Clair Mechanical.

