

DA2013-242

October 16, 2013

AltaGas Utilities Inc.
5509 45th Street
Leduc, Alberta T9E 6T6

Attention: Jayne Blinzer, P. Eng.
Engineer, System Planning and Design

New Construction
Permit and Licence No. 3491
Application No. 1609952
Proceeding ID No. 2857

Minor pipeline project application

AltaGas Utilities Inc. (AltaGas), by Application No. 1609952 registered on September 27, 2013, filed an application with the Alberta Utilities Commission (AUC or the Commission) under Section 11 of the *Pipeline Act* and Section 4.1 of the *Gas Utilities Act* for the following in Township 58, Range 24, west of Fourth Meridian:

- addition of newly constructed pipeline (Line 47 – 0.24 kilometres of 60.3-millimetre (mm) outside-diameter (OD) pipeline)
- addition of newly constructed pipeline (Line 48 – 0.12 kilometres of 60.3-mm OD pipeline)
- addition of a new meter/regulating station

AltaGas stated that it has experienced gas quality issues from its current gas supply, Line 5 of Permit and Licence No. 4522, to its existing purchase meter station in 02-18-058-25-W4. There have been dangerous incidents involving hydrate formations and large volumes of liquids entering the AltaGas high-pressure aluminum pipeline system. Therefore, AltaGas proposed to build a new meter and regulating station, WS081 in 16-18-058-24-W4, which would be supplied from Line 1 of Permit and Licence No. 6222. In the past, Line 1 of Permit and Licence No. 6222 did not have sufficient capacity to provide service. Line 1 of Permit and Licence No. 6222 would be connected to Line 4 of Permit and Licence No. 80487 in 12-13-59-25-W4 in 2014, then Line 1 of Permit and Licence No. 6222 would be able to serve the full load from the proposed meter and regulating station, WS081.

AltaGas proposed to install 0.36 kilometres of 60.3 mm OD pipeline in 16-18-058-24-W4 and 01-19-058-24-W4. There would be two new line numbers, lines 47 and 48, added to Licence 3491. Line 47 would tie-in to the existing Line 1 of Permit and Licence No. 6222 in 16-18-058-24-W4. From the tie-in location the pipe would go east for 0.24 kilometres to the proposed purchase meter station site, which is also in 16-18-058-24-W4. Line 47 would end at the proposed new meter and regulating station, WS081. In 2014, WS081 would replace the current meter and regulating station, WS040 located in 02-18-058-25-W4. Line 48 is 0.12 kilometres

long and would tie-in at WS081 in 16-18-058-24-W4. Line 48 would go north and then east and tie-in to the existing AltaGas regulating station, WS020, in 01-19-058-24-W4.

AltaGas stated that the new pipe would be installed using the open trench technique. The topsoil would be stripped away and all soils would be separated into topsoil and subsoil as necessary and stored appropriately to prevent co-mingling of the soil types. In the back-fill phase, the stored topsoil and subsoil would be returned to their original layers. The same procedure would be used for the soil from the bell holes. Horizontal directional drilling would be used when crossing foreign pipeline rights-of-way.

AltaGas stated that the proposed line would be tested with air, as there is no specific requirement to hydrotest the line with maximum stress levels of eight and nine percent.

AltaGas stated that there are no environmentally significant areas in or near the project area that would be affected. The work area is not within the Lower Athabasca Regional Plan.

AltaGas stated that the proposed purchase meter station, WS081, is a 10.0 metre by 10.0 metre station that would be placed in the AltaGas right-of-way. This station would be inside a building and would be protected by a fence. The purchase meter station would consist of regulators, meter equipment and a relief valve. The predicted noise levels would be in compliance with the permissible sound level in *AUC Rule 012 – Noise Control*.

AltaGas has provided information respecting the need, nature and extent of the project. Since the project involves minimal ground disturbance, the resultant environmental impact of the work has been assessed with no significant impact identified. The landowners and occupants of the affected lands did not object to the project.

Based upon the information provided, AltaGas has demonstrated that the proposal is of a minor nature, no person other than the landowners and occupants of the land upon which the project takes place will likely be directly affected by the proposal, and no significant adverse environmental impact will be caused by the proposed project.

The Commission approves the application. The amended permit and licence will be distributed separately.



Brian Shand, P. Eng.
Director, Gas Facilities
On behalf of the Alberta Utilities Commission

Attachment