

DA2012-219

August 10, 2012

ATCO Gas and Pipelines Ltd. (South)
7210 – 42 Street N.W.
Edmonton, Alberta T6B 3H1

Attention: Jo-Anne Van Sickle
Pipelines Engineering Clerk

**Amendment to Section of Pipeline Following Line Break
Permit and Licence No. 20102
Application No. 1608694
Proceeding ID No. 2052**

Minor pipeline project application

ATCO Gas and Pipelines Ltd. (South) (ATCO), by Application No. 1608694 registered on July 27, 2012, 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 68, Range 10, west of the Fifth Meridian:

- splitting Line 7 into lines 7, 15 and 16
- removal of Line 15
- addition of a newly constructed pipeline (Line 17 - 0.24 kilometres of 114.3-millimetre outside-diameter pipeline)
- lines 7 and 16 are to remain in operation

The proposed work is related to minor replacement of existing pipe, within the original right-of-way, previously constructed and operating in accordance with approvals granted in Permit and Licence No. 20102.

ATCO stated that in February 2012, a line break caused by local slope instability occurred on the pipeline at LSD 03-29-68-10-W5M located at Moosehorn Hill. To repair the break on the line, a 50-metre portion of the pipeline was replaced on the lower portion of Moosehorn Hill. ATCO consulted with the Energy Resources Conservation Board regarding the line break, the repair and future plans for continued operation of the pipeline. ATCO determined that it was prudent to subsequently replace the entire portion of the pipeline on Moosehorn Hill.

ATCO proposed to replace a 240-metre section of the remaining existing pipeline on Moosehorn Hill with heavier wall and higher grade pipe than the existing pipe. The existing pipeline would be completely removed (Line 15) and the new pipeline (Line 17) would be installed in the same alignment. ATCO would also install strain gauges in order to monitor induced stresses due to local slope instability on this section of pipeline.

ATCO stated that all Crown land holders were notified regarding the proposed pipeline replacement. ATCO has also consulted the local Alberta Environment and Sustainable Resource Development officer and would obtain a temporary field authorization to complete the pipeline replacement work.

ATCO stated that any liquids encountered during the removal process would be captured and properly disposed of. No water crossings would be affected by this proposed work. Excavation and trenching would be done in accordance with Alberta Environment and Sustainable Resource Development protection guidelines, and standard soil conservation and reclamation procedures would be followed.

ATCO has provided information respecting the need, nature and extent of the project. Since the project involves no significant ground disturbance and is within the original right-of-way, 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, ATCO has demonstrated that the proposal is of a minor nature, no person other than the landowners and occupants of the land where the project is located would be directly affected by the proposal, and no significant adverse environmental impact would be caused by the proposed project.

The Commission approves the application. The amended permit and licence is attached.



Don Popowich, P. Eng.
Director, Facilities Division
On behalf of the Alberta Utilities Commission

Attachment