



AUC

Alberta Utilities Commission

ATCO Gas and Pipelines Ltd. (South)

New Construction

June 6, 2011

Township 55, Range 22, west of the Fourth Meridian

The Alberta Utilities Commission

Decision 2011-245: ATCO Gas and Pipelines Ltd. (South)

New Construction

Application No. 1607326

Proceeding ID No. 1240

June 6, 2011

Published by

The Alberta Utilities Commission

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1 Introduction

1. ATCO Gas and Pipelines Ltd. (South) (ATCO) filed an application with the Alberta Utilities Commission (AUC or the Commission) seeking approval for an amendment to Permit and Licence No. 52 pursuant to Section 11 of the *Pipeline Act* and Section 4.1 of the *Gas Utilities Act* for the following:

- Addition of newly constructed pipeline (Line 30 – 0.08 kilometres of 114.3 millimetre (mm) outside diameter pipe).

(the project).

2. The application was registered on May 17, 2011, as Application No. 1607326. ATCO proposed to install a new 114 mm pipeline originating at a tie-in point from the ATCO's existing 168 mm Bittern Lake Transmission line (licence 52, line 25) at 15-24-055-22-W4M and terminating at a proposed delivery station at 15-24-055-22-W4M. The proposed delivery station would be built to provide high pressure natural gas to serve the process and utility gas requirements at a new customer's plant site. The station would be located directly adjacent to the proposed gas processing facility in the Fort Saskatchewan Industrial Heartland area.

3. ATCO stated that a new customer has signed a Firm Service Delivery contract with ATCO and that the expenditures associated with the installation of this project are supported by the combined commitment of the contractual terms of a new contract and a capital contribution by the customer.

4. ATCO stated that the process load would be provided at the operating pressure of the transmission line. The noise predicted by the delivery pressure reduction is approximately 14 dBA at one metre. This low level of noise generation is due to the minimal amount of gas flow required for the heating load. As there is no pressure cut required for the process load, there is no discernible noise predicted to be generated in the process pipe. All piping within the proposed station was sized to keep velocities below 50 feet per second, which is well below piping velocities that would be expected to generate any significant noise. The nearest private residence was measured at approximately 1450 metres from the proposed meter/regulating station.

5. ATCO stated that the proposed pipeline and associated delivery station would be installed in a right-of-way and lease site agreed to by ATCO and the plant site owner. The proposed lease site would be contained within the larger plant site footprint in a previously undisturbed location. Excavation and trenching would be done in accordance with Alberta Environmental guidelines, and standard soil conservation and reclamation procedures would be followed.

6. In its submission, ATCO stated that the requirements of the consultation and notification program were met. ATCO confirmed that on May 3, 2011, no outstanding objections or concerns remained relating to this application.

2 Findings

7. The Commission has reviewed the application and has determined that it meets the requirements as stipulated in AUC Rule 020: *Rules Respecting Gas Utility Pipelines*.

8. The Commission finds that information in the application submitted by ATCO fulfills the requirements of AUC Rule 012: *Noise Control*.

9. The Commission notes ATCO's statement that the proposed lease site would be contained within the larger plant site footprint in a previously undisturbed location and that excavation and trenching would be done in accordance with Alberta Environmental guidelines, and standard soil conservation and reclamation procedures would be followed.

10. The Commission notes ATCO's submission that the requirements of the consultation and notification program were met and that no outstanding objections or concerns remain related to this application.

11. The Commission finds that the new construction is necessary to provide natural gas service to a new customer.

12. Based on the foregoing, the Commission considers the project to be in the public interest in accordance with Section 17 of the *Alberta Utilities Commission Act*.

3 Decision

13. Pursuant to Section 11 of the *Pipeline Act* and Section 4.1 of the *Gas Utilities Act*, the Commission approves the amendment to Permit and Licence No. 52 for the project and grants the applicant the amended permit and licence as set out in Appendix 1 – Permit and Licence No. 52 – June 6, 2011 (Appendix 1 will be distributed separately).

Dated on June 6, 2011.

The Alberta Utilities Commission

(original signed by)

Mark Kolesar
Commission Member