

March 30, 2017

Decision 22484-D01-2017

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

Attention: Mike Mayner, P. Eng.
Project Engineer, Pipelines Engineering

Pipelines in Edmonton
Licence 3295
Proceeding 22484
Application 22484-A001

Record amendment application

1. ATCO Gas and Pipelines Ltd. (South) (ATCO), by Application 22484-A001 registered on March 17, 2017, filed an application with the Alberta Utilities Commission under Section 12 of the *Pipeline Act* and Section 4.1 of the *Gas Utilities Act* for the following in Edmonton:

- reinstatement of removed line 5 as operating
- splitting of removed line 18 into lines 18 and 28
- reinstatement of a portion of removed line 18 as operating line 28
- splitting of line 22 into lines 22, 29 and 30
- pipe grade amendment of line 29 from grade 241 category 1 to grade 359 category 2
- pipe wall thickness amendment of line 29 from 3.9 to 3.2 millimetres
- length amendment of original line 22 from 0.66 to 0.57 kilometres
- mapping amendment of original lines 18 and 22
- pipe wall thickness amendment of line 21 from 3.91 to 2.77 millimetres
- pipe grade amendment of line 21 from A25 to B

2. The proposed amendments are related to facilities previously constructed in accordance with approvals granted in Licence 3295.

3. ATCO stated that in 2014, it completed construction of pipelines approved in Decision DA2013-213¹ that addressed road-related relocation projects within the Edmonton transportation utility corridor at Wye Road and Anthony Henday Drive. Several changes, listed above, were required during construction. The reinstatement of line 5 and a portion of line 18, and a length amendment of line 22 are required to reflect a change in the tie-in location. The tie-in location was required to be moved north because the existing pipe wall thickness at the original tie-in location was too thin for in-service welding. Upon review of historical information, a

¹ Decision 2013-213: ATCO Gas and Pipelines Ltd. (South) – Anthony Henday Drive/Wye Road Pipeline Relocation, Licence 3295, Proceeding 2792, Application 1609856, September 11, 2013.

segment of the existing 60.3-millimetre pipeline, line 21 was found to be grade B with a wall thickness of 2.77 millimetres. ATCO had originally intended to install 660 metres of 60.3-millimetre pipeline. Due to the required routing change, 570 metres of 60.3-millimetre pipeline was installed. This is reflected in a length amendment to line 22. Splitting line 22 into lines 22, 29 and 30 is required because a portion of the 60.3-millimetre pipeline was installed by horizontal directional drill. The line pipe originally selected for line 22 did not have adequate coating for installation by horizontal directional drilling. As a result, new line pipe with adequate coating and different specifications was installed.

4. ATCO provided information respecting the need, nature and extent of the pipeline record amendment. Since the record amendment does not involve a ground disturbance, there will be no environmental impact.

5. Based upon the information provided, ATCO has demonstrated that the proposal is of a minor nature, no other person will be directly affected by the proposal and no adverse environmental impact will be caused by the proposed record amendment.

6. The Commission approves the application. The amended licence is attached.

Alberta Utilities Commission

(original signed by)

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

Attachment