



ATCO Gas and Pipelines Ltd. (South)

Approval to Allow Hydrostatic Testing of a Pipeline
Crossing Battle River with Water-Methanol Mix in
Township 42, Range 25, West of the 4th Meridian

November 23, 2010

ALBERTA UTILITIES COMMISSION

Decision 2010-545: ATCO Gas and Pipelines Ltd. (South)

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Crossing Battle River with Water-Methanol Mix

Application No. 1606760

Proceeding ID. 943

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**ATCO GAS AND PIPELINES LTD. (SOUTH)
APPROVAL TO ALLOW THE HYDROSTATIC TESTING
OF A PIPELINE CROSSING BATTLE RIVER WITH
WATER-METHANOL MIX**

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Application No. 1606760
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1 INTRODUCTION

1. ATCO Gas and Pipelines Ltd. (South) (ATCO) is the holder of Pipeline License 2526 issued on July 8, 2010, which approved the construction and operation of a gas utility pipeline from 09-31-042-25 W4M to 09-31-042-25 W4M. ATCO filed an application with the Alberta Utilities Commission (AUC or Commission) under section 35(2) of the *Pipeline Regulation* pursuant to the *Pipeline Act*. ATCO is seeking approval to conduct a hydrostatic test of the 168.3 mm OD pipeline portion under the Battle River using a 60/40 water-methanol mix as the test medium.

2. The application was registered on November 22, 2010, as Application 1606760 (Application). The reason for the request to use a 60/40 water-methanol mix is that the hydrostatic test is required to be performed during cold ambient temperatures.

3. ATCO submitted descriptions of the proposed test medium, the proposed containment methods, including control points and available equipment in the event of a spill, and the time to initiate containment procedures as required by section 35(2) of the *Pipeline Regulation*. ATCO also stated that an environmental inspector would be on site for the duration of the hydrostatic test.

2 DISCUSSION

4. The Commission has reviewed the Application and has determined that it meets the requirements as stipulated in *AUC Rule 020*. Since a hydrostatic test with a water-methanol mix is necessary to prevent freezing of the medium, the Commission considers the Application to be in the public interest.

3 DECISION

5. The Commission approves the use of a 60/40 water-methanol mix for the hydrostatic test of the 168.3mm OD pipeline crossing Battle River, according to section 35 of the *Pipeline Regulation* made pursuant to the *Pipeline Act*.

Dated on November 23, 2010.

ALBERTA UTILITIES COMMISSION

(original signed by)

Mark Kolesar
Commissioner