

National Energy
Board



Office national
de l'énergie

File OF-Surv-Inc-2011 74 01
27 November 2015

Mr. Ryan Sporns
Senior Manager, Pipeline Compliance
Liquid Pipelines
Enbridge Pipelines Inc.
10201 Jasper Avenue NW
Edmonton, AB T5J 3N7
Facsimile 780-420-8177

Dear Mr. Sporns :

**Enbridge Pipeline (NW) Inc. (Enbridge)
Letter Dated 20 July 2015 Requesting Approval to Modify Two Requirements
Of Safety Order SO-E102-002-2011, as Amended
Revision to NEB Letter Dated 16 November 2015
and Order Approved 12 November 2015**

Further to the National Energy Board's letter of 16 November 2015 along with Order MO-001-E101-04-2015, please be advised that there was an administrative oversight in issuing this order, and the Board is re-issuing it with the correct number. There are no other changes to the order or letter.

Please destroy the copy of the letter and order previously received, as it is no longer a valid number, and replace with the attached letter and Order MO-066-2015. Apology extended for any inconvenience this may have caused.

If you require any additional information in this regard, do not hesitate to contact Janet Foreman, Regulatory Officer, at 403-221-3055 or janet.foreman@neb-one.gc.ca. Thanks.

Yours truly,

Original signed by S. Young

Sheri Young
Secretary of the Board

Attachment

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ORDER MO-066-2015

IN THE MATTER OF the *National Energy Board Act* (the Act) and the regulations made thereunder, and

IN THE MATTER OF the Enbridge Pipelines (NW) Inc. (Enbridge) letter dated 20 July 2015, pursuant to Order SO-E102-002-2011 (Order), as amended, filed with the National Energy Board under File OF-Surv-Inc-2011 74 01.

BEFORE the Board on 12 November 2015.

WHEREAS on 9 June 2011, the Board issued Order SO-E102-02-2011 (Order) to Enbridge, pursuant to sections 12 and 48 of the Act, the effect of which was to impose pressure restrictions on the Norman Wells to Zama Pipeline (Line 21).

AND WHEREAS on 8 March 2013, the Board issued Amending Order AO-001-SO-E102-002-2011 to Enbridge, pursuant to sections 12 and 48 of the Act, the effect of which was to impose an additional pressure restriction on the Mackenzie to Zama section of Line 21;

AND WHEREAS on 22 March 2013, the Board issued Amending Order AO-002-SO-E102-002-2011 to Enbridge, pursuant to sections 12 and 48 of the Act, the effect of which was to impose additional analysis and leak detection methodologies on the Wrigley to Mackenzie segment of Line 21;

AND WHEREAS Enbridge operates Line 21;

AND WHEREAS Enbridge is required to comply with all conditions contained in the Order SO-E102-002-2011, Amending Order AO-001-SO-E102-002-2011 and Amending Order AO-002-SO-E102-002-2011 which include the requirement to conduct weekly aerial patrols of Line 21 to monitor for leaks, and continue to conduct quarterly high-resolution in-line leak detection inspections on Line 21;

AND WHEREAS Enbridge is required to comply with the current *Onshore Pipeline Regulations* reporting requirements of an unintended or uncontained release of low vapour pressure (LVP) hydrocarbons in excess of 1.5 m³ but that the Board is concerned with any hydrocarbon being released in the circumstances;

AND WHEREAS Enbridge has conducted its investigation into the cause and contributing factors of the 2011 and 2013 crude oil releases;

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AND WHEREAS the Board is of the view that Enbridge has demonstrated that Line 21 remains fit for its intended service at the reduced maximum operating pressures;

AND WHEREAS Enbridge has sought by written request dated 20 July 2015 to return to its standard aerial patrol frequency of Line 21 as identified in its Operating and Maintenance Manual, and to discontinue the requirement to complete quarterly high-resolution in-line leak detection inspections on Line 21;

AND WHEREAS the Board has considered Enbridge's request dated 20 July 2015;

IT IS ORDERED THAT, pursuant to sections 12 and 48 of the NEB Act, the Board rescinds Order SO-E102-002-2011, Amending Orders AO-001-SO-E102-002-2011 and AO-002-SO-E102-002-2011, and hereby orders the following:

1. Enbridge will operate Line 21 at the following maximum operating pressures (MOPs):

Segment	Maximum Operating Pressure (kPa)
Norman Wells to Wrigley	7735
Wrigley to Mackenzie Highway	5723
Mackenzie Highway to Zama	4744

2. Enbridge will conduct aerial patrols of Line 21 once every two weeks to monitor for leaks;
3. Enbridge will provide an Engineering Assessment (EA) by 30 June 2016 demonstrating the fit-for-purpose of the pipeline at the above MOPs, and which details Enbridge's Integrity Management Program for Line 21 including the planned intervals for in-line inspection integrity assessments;
4. Enbridge will report to the Board any release of crude oil of any volume from the pipeline.

NATIONAL ENERGY BOARD

Original signed by

Sheri Young
Secretary of the Board