



NWT OFFICE OF THE REGULATOR OF OIL AND GAS OPERATIONS

Office of the Regulator of Oil and Gas Operations

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Greg Heffel
Specialist, Completions
Suncor Energy Inc.
P.O. BOX 2844
150 - 6th AVE SW
CALGARY AB T2P 3E3

November 19, 2021

Dear Greg Heffel:

**Information Request No. 2: Application to Abandon
the Tathlina N-18 Well (ACW-2021-SUN-N-18-WID0790)**

On June 30, 2021, the Office of the Regulator of Oil and Gas Operations (OROGO) received a well abandonment program from Suncor Energy Inc. (Suncor) for the Tathlina N-18 well (WID 0790). On October 19, 2021, OROGO received the response to Information Request No. 1.

OROGO has reviewed the information provided by Suncor and requires additional information in order to complete its review of Suncor's application to abandon the Tathlina N-18 well, as set out in the attached Information Request No. 2.

Please send your written responses and any associated correspondence to Peter Lennie-Misgeld, Senior Advisor, Legislation and Policy at oro.go@gov.nt.ca or through OROGO's secure file transfer site on or before 4:00 p.m. on November 26, 2021.

If you are unable to respond within this timeframe or have any questions, please contact OROGO at (867) 767-9097 or by email at oro.go@gov.nt.ca.

Sincerely,

Janpeter Lennie-Misgeld
Senior Advisor, Legislation and Policy

Encl. Information Request No. 2

Suncor Energy Inc.
Application for an Authorization to Alter the Condition of a Well
Tathlina N-18 Well (ACW-2021-SUN-N-18-WID 0790)
Information Request No. 2

2.1 Cement Evaluation

Preamble:

The updated Well Abandonment Program submitted by Suncor Energy Inc. (Suncor) on October 19, 2021 did not identify that Suncor will conduct a cement evaluation prior to abandonment of the Tathlina N-18 well.

Section 6A of the *Well Suspension and Abandonment Guidelines and Interpretation Notes* (Guidelines) requires Suncor to evaluate the existing cement behind the casing strings(s) of a well before beginning abandonment operations.

Request:

Please submit an updated Well Abandonment Program that includes the evaluation of the cement behind the casing string(s). This evaluation must include:

- Determination of the cement top;
- Evaluation of the cement bond in the casing annulus; and
- Assessing any repairs or remedial cementing required to isolate all oil or gas bearing zones, discrete pressure zones and potable water zones, including consideration of any lost circulation zones.

Suncor must submit the details of the cement evaluation to OROGO for approval prior to abandonment of the Tathlina N-18 well.