



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

January 14, 2025

Dear Greg Heffel:

**Information Request No. 2: Application to Abandon
the Tweed Lake M-47 Well (ACW-2021-SUN-M-47-WID1476)**

On September 9, 2024, the Office of the Regulator of Oil and Gas Operations (OROGO) received an application to vary the well abandonment program from Suncor Energy Inc. (Suncor) for the Tweed Lake M-47 (WID 1476) well.

OROGO has reviewed the information provided by Suncor and requires additional information to complete its review of Suncor's application to abandon the Tweed Lake M-47 well, as set out in the attached Information Request No. 2.

Please send your written responses and any associated correspondence to OROGO at oro.gov.nt.ca or through OROGO's secure file transfer site on or before 4:00 p.m. on January 21, 2025.

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.gov.nt.ca.

Sincerely,


Pauline de Jong
Regulator

Encl. Information Request No. 2

Suncor Energy Inc.
Application for an Authorization to Alter the Condition of a Well
Tweed Lake M-47 Well (ACW-2021-SUN-M-47-WID1476)
Information Request No. 2

2.1 Procedural Steps

Preamble:

The Well Abandonment Program submitted by Suncor Energy Inc. (Suncor) on September 9, 2024, provides incomplete information on step 3 of the abandonment program.

Request:

Please submit an updated Well Abandonment Program that includes all necessary information required to evaluate the effectiveness of the abandonment operations.

2.2 Bridge Plug Interval

The Well Abandonment Program submitted by Suncor Energy Inc. (Suncor) on September 9, 2024, identifies in step 12 that the bridge plug will be set at 705 mKB. The final well bore diagram identifies the bridge plug to be set at 615 mKB.

Request:

Please submit an updated Well Abandonment Program that includes a consistent depth for the setting of the bridge plug through out the program.

2.3 Surface Abandonment

Preamble:

The Well Abandonment Program submitted by Suncor Energy Inc. (Suncor) on September 9, 2024, states in step 16:

“Fill out the attached “Surface Abandonment Handover Form” and turn the well over to logistics for cut and cap.”

This form was not attached to the application nor were the program steps for surface abandonment identified.

Request:

Please submit an updated Well Abandonment Program that includes:

- Suncor's Surface Abandonment Handover Form; and
- Program steps that meet the requirements of section 6E of the *Well Suspension and Abandonment Guidelines and Interpretation Notes*.

2.4 Emergency Contact List

The Well Abandonment Program submitted by Suncor Energy Inc. (Suncor) on September 9, 2024, identifies the OROGO office phone number as 867-767-9067 on page 12 of the application.

This number is not accurate.

Request:

Please submit an updated Well Abandonment Program that includes accurate contact information for all agencies listed in the contact section of the application.