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August 13, 2015

Sahtu Land and Water Board

P.O. Box #1
Fort Good Hope, NT
X0E 0H0

Water Licence S14L1-004

Attention: Bakhtiyor Mukhammadiev, Regulatory Specialist

Dear Bakhtiyor:

Re: 2015 Annual Report for Water Licence S14L1-004 Tweed Lake M-47

Suncor Energy Inc. (Suncor) is submitting the following information in response to the requirements outlined under the Terms of Reference and Conditions of Water Licence S14L1-004 (Tweed Lake M-47). Part B, Subpart 8 of the Terms and Conditions states that:

The Licensee shall file an Annual Report with the Board not later than November 1st of the year following the calendar year reported.

For ease of review, the response has been presented in the same order as the Sahtu Land and Water Board Water Licence. This annual reporting period covers the time between permit issuance and March 31, 2015.

a) Details of work completed, including restoration;

During the reporting period the following activities occurred:

- Between January 20 and February 3, 2015, the winter access road and well pad were constructed;
- The camp was transported from Norman Wells to Colville Lake via the Government of Northwest Territories (GNWT) Fort Good Hope to Colville Lake winter road on January 30, 2015;
- The service rig and wireline equipment were mobilized to the M-47 wellsite from Norman Wells on February 4 and 5, 2015;
- The service rig and wireline operations were conducted from February 9 to 15, 2015;
- The service rig and wireline equipment were transported back to Norman Wells on February 18, 2015;
- The camp was transported back to Norman Wells on February 21, 2015; and,
- Between February 21 and February 23, 2015, the well pad was broken up and snow piles were rolled back from around the edge of the lease and along the access road to prevent water from ponding during breakup.



b) The monthly and annual quantities in cubic metres of water obtained:

The total water used from Colville Lake during the reporting period was 1,274 cubic metres (m³), of which 1238 m³ was used for access and well pad construction and 36 m³ was used for the re-suspension. Water usage by month and water source is summarized in **Table 1**.

Table 1: Water Use

Month	Water withdrawn (m ³)	Water Source
January 2015	1,005	Colville Lake
February 2015	269	Colville Lake
Total	1,274	

c) A list and description, including volumes, of all Unauthorized Discharges and summaries of follow-up action taken;

No unauthorized discharges occurred during the reporting period.

d) Flow rates, extraction/withdrawal rates, extraction dates, extraction volumes and pump types, ratings and specifications for all water sources utilized during the year being reported;

Water was withdrawn using a 3-inch positive displacement Honda pump at a rate of approximately 13.4 m³/hour. The intake line was screened. All water was taken from the approved water source (Colville Lake) at the end of the airstrip in January and February 2015.

e) A summary of any revisions to the approved Closure and Reclamation Plan;

No changes are required to the Closure and Reclamation Plan.

f) A summary of any Closure and Reclamation work undertaken during the year and an outline of any work anticipated for the next year;

No closure and reclamation work occurred during the reporting period. No work is anticipated for next year.

I trust this meets the information requirements for the annual report under Water Licence S14L1-004. Should you have any questions regarding this correspondence please contact the undersigned by telephone at (403) 296-6345, by fax at (403) 724-3788, or by email at jkerkhoven@suncor.com.

Suncor Energy Inc.

John Kerkhoven
Senior Advisor, Stakeholder & Aboriginal Relations

Cc: Steve Deschene – Regional Superintendent, GNWT
Stephanie Hughes – Water Resources Officer, GNWT
Darren Heck – Project Manager, Nehedki Environmental