



# Husky Oil Operations Limited

707 8th Avenue S.W.  
Box 6525, Station D  
Calgary, Alberta, Canada  
T2P 3G7

Bus: (403) 298-6111  
Fax: (403) 298-6378

October 3, 2014

**Sahtu Land & Water Board**  
Box 1  
Fort Good Hope, NT  
X0E 0H0

SLWB File: S12X-006  
MWH File: 25501261

**Attention: Bakhtiyor Mukhammadiev, Regulatory Specialist**

**Re: Husky Oil Operations Limited – 2013/2014 Annual Report for  
Land Use Permit S12X-006 (Groundwater Investigation Program)**

Husky Oil Operations Limited (Husky) is submitting the following information in response to the requirements outlined under the Terms and Conditions of Land Use Permit (LUP) S12X-006, for a Groundwater Investigation Program for Exploration Licence 494 (consolidated from EL462 and 463). Condition Part B, Item (3) of the LUP states that an annual report is to be provided by September 30.

The time period covered by this report is from April 1, 2013 to April 30, 2014.

The Groundwater Investigation Program, or Groundwater Baseline Drilling and Testing Program conducted during the reporting period did not include any drilling activities.

*a) [Provide] a detailed waste audit of all waste produced, transported, and disposal method/location (in volumes and by types). This includes all drill waste, hazardous waste, and waste petroleum products. For drill waste, use the Sahtu Land and Water Board Drill Waste Shipping Notification Form;*

There was no waste streams associated with the Groundwater Investigation Program during the reporting period.

## **Industrial Waste**

There was no industrial waste produced by this program during the reporting period.

## **Sewage Effluent, Domestic Garbage and Ash**

There was no sewage effluent or domestic garbage and ash were produced during the reporting period.

## **Drilling Waste**

There was no drilling activities conducted during this reporting period, therefore no drilling waste streams or drilling solids were generated or disposed of.

## Dehydrated Wastes

For information on dehydrated wastes, refer to section b, "[The] evaporation unit utilized" below.

b) *[The] evaporation unit utilized;*

A wastewater dehydration technology (using Horizon Oilfield Solutions "Steam Clean" dehydrators) was used to reduce the volume of contaminated water and liquids containing water, to a more concentrated form. The dehydrator reduces the volume of wastewater by separating and evaporating the pure water molecules within the contaminated liquid (<http://www.horizonoilfield.ca>).

During the reporting period, 0m<sup>3</sup> of produced water was dehydrated.

c) *Detailed description of all drill site footprints (including schematics); and*

No new drill site footprints were created during the reporting period.

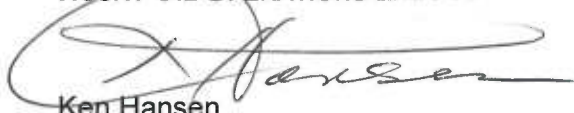
d) *Details and results of the Surface and Groundwater Monitoring Plan, including, but not limited to; monitoring locations (GPS coordinates), depths, frequency of monitoring events, chemical parameters tested and data analysis.*

Details of the Surface Water and Groundwater Monitoring Programs have been provided to the SLWB annually for 2012 and 2013. As specified in the Groundwater and Surface Water Monitoring Plan on file with the SLWB under LUP S12X-006, the annual Surface Water and Groundwater Report will be submitted to the SLWB at the end of March detailing the results of the prior years' activities. This will allow for analyses, interpretation and report preparation of all sampling events during the open water season. Husky has additional sampling scheduled this fall and is unable to provide a preliminary report to the SLWB at this time.

I trust that the above information meets the requirements for the annual report described in the Terms and Conditions of LUP S12X-006. If you have any questions, please contact the undersigned at (403) 298-6655 or by email at [Ken.Hansen@huskyenergy.com](mailto:Ken.Hansen@huskyenergy.com).

Sincerely,

**HUSKY OIL OPERATIONS LIMITED**



Ken Hansen

Project Manager - NWT

cc: Steve Deschene – A/Regional Superintendent, GNWT-Lands  
Darren Heck – Environmental Project Manager, NESTL  
Jenica von Kuster – Environmental and Regulatory Coordinator - NWT, Husky