



Sahtu Region
P.O. Box 126 - 31 Mackenzie Rd.
Norman Wells, NT, X0E 0V0

Telephone: 867-587-7205
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June 12, 2015

Husky Oil Operations Limited
Box 6525, Station D
Calgary, AB, T2P 3G7

Attn: Ken Hansen

**RE: Land Use Permit S13X-003
Staging/camp Area, Quarry M, and Quarry B**

Dear Mr. Hansen,

An inspection of the above noted operation was conducted on May 28, 2015 by Manager, Resource Management Katherine Ades and Resource Management Officer II Trevor Bremner.

Enclosed is a copy of the Environmental Inspection Report. The staging/camp area is in satisfactory condition. Quarry M requires additional erosion/sediment controls; there are signs of sedimentation in the tree line where the drainage lets out (Figure 3). Quarry B shows slow vegetation growth and has rust staining, but is otherwise acceptable.

If you have any questions, please contact me at 867 587-7205.

Sincerely,

Katherine Ades
Katherine Ades
Manager, Resource Management
GNWT – Department of Lands, Sahtu Region

Cc:

Stephen Deschene, Regional Superintendent, GNWT Lands, Sahtu
Sabrina Sturman, Regulatory Specialist, SLWB, Sahtu



ENVIRONMENTAL INSPECTION REPORT

Permittee:	Husky Oil Operations Limited	Permit Expiry Date:	October 23, 2018
Land Use Permit No.	S13X-003	Previous Inspection:	July 10, 2014
Quarrying Permit No.		Inspection Date:	May 28, 2015
Contractor:	N/A	Subcontractor:	N/A
Location(s) Inspected:	Staging/camp Area, Quarry M, Quarry B.		
Current Stage of Operation:	No activities on site. Equipment and materials are stored at the staging/camp area.		
Program Modifications Approved:	None		

Condition of Operation "A" - Acceptable "U" - Unacceptable "N/A" - Not Applicable "N/I" - Not Inspected

Operating Condition	Aspect Inspected
	Access, Camp, Quarries
Brush Disposal	A
Chemicals	A
Ecological Resources	A
Equipment as Approved (Type & Size)	A
Erosion (Control or Prevention)	A*
Facilities	A
Fuel Storage	A
Historical / Archaeological Sites	N/A
Location as Permitted	A
Matters not Inconsistent	A
Methods & Techniques	A
Permits	A
Restoration of Lands	A
Time as Permitted	A
Wastes	A
Wildlife and Fisheries Habitat (Protection)	A

Explanatory Remarks -

The South side of Quarry M is growing back well. *The settling pond on the North side of the quarry requires excavation as the pond has filled with sediment. *The drainage outlet into the trees from the settling ponds has filled with approximately 6 inches of sediment, covering the straw bales onsite (Figure 3). Additional erosion controls need to be installed to reduce sedimentation.

Quarry B has rust staining from the quarried material and little vegetation growth. No signs of erosion from air.

The Staging/Camp area has some rutting present, but is in otherwise good shape. There are 1x 4300L and 10x 61,000L fuel tanks onsite in a lined berm and 10x 45gal fuel drums located beside the berm. There is water pooling in the berm, however no oil/hydrocarbon sheen is present. Rig matting, rolls of lining material, sea-cans, culverts, pipes, bentonite and bridge materials are organized and clean. There is a piece of tarp or liner at the east edge of the site approximately 20m from the pile of excavated material that must be removed and disposed of at an authorized disposal facility. No concerns.

Not available

Representative Signature

Inspector's Signature

ENVIRONMENTAL INSPECTION REPORT

Inspection Images:

Figure 1

Aerial view of Quarry M facing North. There is good vegetation cover growing on the South side.



Figure 2

Settling pond in Quarry M is full of sediment.



Figure 3

Sediment from settling ponds in Quarry M being washed into the tree line. Additional erosion and sediment controls required.



Figure 4

Aerial view of Quarry B; site is slow to regrow and shows signs of rust staining. May need additional restoration.



Figure 5

Aerial view facing South of the Staging/Camp area.



Figure 6

A 4300L, single-walled and 10x 61,000L double walled fuel tanks a stored in tertiary containment at the Staging/Camp area. Water is pooling in the berm, but shows no signs of hydrocarbon sheen. Additional 10x 45gal fuel drums stored outside the berm. No concerns.



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Figure 7

Rig matting and rolls of liner (left) stored at Staging/Camp area.



Figure 8

Piece of tarp or liner on the East of the Staging/Camp area near the pile of excavated material. Needs to be removed and disposed of.



Figure 9

Extra culverts and pipes stored on rig matting at the Staging/Camp area. Some rutting present onsite, no excessive erosion occurring.

