



February 10th, 2017

Department of Indian Affairs and Northern Development
Contaminants and Remediation Division
PO Box 1500
YELLOWKNIFE, NT X1A 2R3

Attention: Mr. Carey Ogilvie

**Re: Land Use Permit MV2016X0011
Miscellaneous
Tundra Mine Site, NT**

Dear Mr. Ogilvie,

An inspection of the Tundra Mine winter road was conducted by Inspectors Clint Ambrose and Joe Heron on February 7th, 2017. The inspection was carried out to ensure operating conditions annexed to the above noted land use permit are being adhered to during this land use operation. All findings of the inspection were discussed with Mr. Dion Blackwood of Nahanni Construction Ltd. (Contractor).

No concerns were noted during the inspection and the Inspectors respectfully request that daily updates of winter road construction progress be provided until construction is complete and haul traffic is utilizing the road. Your copy of the Environmental Inspection Report is enclosed and should be self-explanatory.

If you have any questions or concerns, please contact the undersigned at (867) 767-9188 or Mr Joe Heron at (867) 767-9187 ext. 24192.

Sincerely,

Clint Ambrose
Manager, Resource Management (Inspector)
North Slave Regional Office
GNWT – Department of Lands

cc: MVLWB
Nahanni Construction Ltd. – via email
Delta Engineering Ltd. – via email
DIAND – CARD – via email





ENVIRONMENTAL INSPECTION REPORT

Permittee:	DIAND – CARD	Inspection Date – February 7 th , 2017
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		Permit Expiry Date	Last Previous Inspection
Land Use Permit No.	MV2016X0011	October 19 th , 2021	Initial
Quarry Permit No.			
Contractor:	Nahanni Construction Ltd.	Subcontractor:	Delta Engineering Ltd.

Location(s) Inspected:	Winter Road.
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Current Stage of Operation:	Ice profiling has commenced and some winter road construction equipment was present in the land use area.
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Program Modifications Approved:	
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Condition of Operation "A" - Acceptable "U" - Unacceptable "N/A" - Not Applicable

	Operating Condition	Aspect Inspected			Condition
		Winter Road			
A	Location and Area	A			
B	Time	A			
C	Type and Size of Equipment	A			
D	Methods and Techniques	A			
E	Type, Location, Capacity and Operation of All Facilities	A			
F	Control or Prevention of Ponding of Water, Flooding, Erosion, Slides and Subsidence of Land	A			
G	Use, Storage, Handling and Ultimate Disposal of Any Chemical or Toxic Material	A			
H	Wildlife and Fisheries Habitat	A			
I	Storage, Handling and Disposal of Refuse or Sewage	A			
J	Protection of Historical, Archeological and Burial Sites	A			
K	Objects and Places of Recreational, Scenic or Ecological Value	N/A			
L	Security Deposit	A			
M	Fuel Storage	A			
N	Methods and Techniques for Debris and Brush Disposal	A			
O	Restoration of the Lands	A			
P	Display of Permits and Permit Numbers	A			
Q	Matters Not Inconsistent With the Regulations	A			
R	Sections 8 to 16 M.V.L.U.R.	A			



ENVIRONMENTAL INSPECTION REPORT Pg. 2

Date: February 7 th , 2017	Permit #: MV2016X0011
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Explanatory Remarks
<p>An inspection of the Tundra Mine winter road was conducted by Inspectors Clint Ambrose and Joe Heron on February 7th, 2017. The inspection was carried out to ensure operating conditions annexed to the above noted land use permit are being adhered to during this land use operation. All findings of the inspection were discussed with Mr. Dion Blackwood of Nahanni Construction Ltd. (Contractor).</p> <p>Notification and details to satisfy the requirements of Condition #8 of the land use permit were provided to the Inspectors on January 17th, 2017 and on February 5th, 2017, the Contractor began mobilizing into the land use area to commence winter road construction activities.</p> <p>Equipment on site at the time of the inspection can be viewed in Photo #1 and consists of 2-side-by-sides with snow blowers, a water truck (Photo #2), 2-snowmobiles, an enclosed trailer, 3-pickups, and a fuel truck. Other equipment that arrived prior to the completion of the inspection was 2-Snowcats and additional equipment to be mobilized in the very near future is a plough/water truck and a grader.</p> <p>No concerns were noted with any of the equipment since no obvious hydrocarbon spills were observed in the laydown, the fuel truck and water truck had secondary containment placed below the engines (Photo #2), the dispensing compartment (Photo #3) of the fuel truck was free of spills/leaks, and a small spill kit was present on the fuel truck (Photo #4).</p> <p>In addition to the spill kit on the fuel truck, each of the pickups had an adequate supply of spill response materials to respond to any potential spills that may occur.</p> <p>Road construction progress was discussed with Mr. Blackwood and no snow ploughing on the ice surface of lakes or portage construction had commenced, only initial ice profiling with the side-by-sides. Sufficient ice for equipment was present on Mackay Lake and therefore equipment was scheduled to start ploughing on February 8th, 2017.</p> <p>The Inspector provided the Permittee and Sub-Contractor the approved winter road alignment from the north shore of Mackay Lake to Tundra Mine and it is imperative that no deviations of the overland portions (portages) of this route occur.</p> <p>On February 7th, 2017 an email was sent to the Permittee requesting daily updates (pursuant to section 28 of the <i>Mackenzie Valley Land Use Regulations</i>) of winter road construction progress and these updates must be provided until road construction is complete and haul traffic is utilizing the road.</p>

Completed off Site
Representative's Signature

Clint Ambrose
Inspector


Inspector's Signature



Photo #1 - MV2016X0011 - INAC-CARD - Tundra
Equipment staged on the east side of Mackay Lake for the construction of the winter road to Tundra Mine.



Photo #2 - MV2016X0011 - INAC-CARD - Tundra
Parked water truck with secondary containment below it.



Photo #3 - MV2016X0011 - INAC-CARD - Tundra
No obvious hydrocarbon leaks or spills were observed in the dispensing compartment of the fuel truck.



Photo #4 - MV2016X0011 - INAC-CARD - Tundra
Small spill kit was present in one of the compartments of the fuel truck.