



Environment and Natural Resources
Government of the Northwest Territories
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Inuvik NT X0E 0T0

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April 18, 2016

GNWT Department of Transportation
PO Box 2038
Inuvik NT X0E 0T0

Attn: Dean Ahmet, Senior Program Manager

**RE: INDUSTRIAL Water Use N7L1-1835
CLASS A - INDUSTRIAL
ITH North End**

Dear Mr. Ahmet,

A ground inspection of the above noted operation was conducted on April 12, 2016 by Water Resource Officer Philippe Thibert-Leduc and Environmental Protection Officer Rolland Malegana. Enclosed is a copy of the Industrial Water Use Inspection Report.

A copy of this report will be sent to the Inuvialuit Water Board for their review and public records. If you have any questions/concerns regarding the enclosed, please do not hesitate to contact me at (867) 678-6676.

Sincerely,

A handwritten signature in black ink, appearing to read "P. Thibert-Leduc".

Philippe Thibert-Leduc
Water Resource Officer
GNWT ENR Inuvik Region

Cc: Stephen Charlie – Superintendent, GNWT ENR Inuvik Region
Mardy Semmler – Executive Director, Inuvialuit Water Board
Bijaya Adhikari – Science and Regulatory Coordinator, Inuvialuit Water Board
Doug Saunders – Operations Manager, E. Gruben's Transport Ltd
Alexis Campbell – Environmental Analyst, DOT
Scott Lundrigan –Field Environment Coordinator, DOT

Enclosure: Industrial Water Use Inspection Report (5 pages)

INDUSTRIAL WATER USE INSPECTION REPORT

LICENCE #:	N7L1-1835	EXPIRY DATE:	December 11, 2023
LICENCEE:	Government of the Northwest Territories - Department of Transportation	PREVIOUS INSPECTION:	March 4, 2016 / March 9, 2016
COMPANY REP:	Dean Ahmet, Senior Program Manager	INSPECTION DATES:	April 12, 2016

WATER SUPPLY

Source:	Approved Water Sources	Quantity Used:	N/I
Owner/Operator:	EGT Northwind	Meter Reading:	N/A

Indicate: **A - Acceptable** **U - Unacceptable** **N/A - Not Applicable** **N/I - Not Inspected**

Intake Facilities	N/A	Storage Structures	A	Treatment Systems	N/A	Recycling	N/A
Flow Meas. Device	N/A	Conveyance Lines	N/A	Pumping Stations	N/A	Chem. Storage	N/A
Water Truck	N/A	Modifications	N/A				

Water Supply Comments:

- There were no water withdrawal operations observed at the time of the inspection. There are still flooding operations at 312 and 174 access roads but none could be observed at the time of the inspection.
- Approved Water Sources KP61 and KP82a were inspected. Some materials were left behind at KP82a (see Figure 1). Please ensure that nothing is stored on the ice as things can move around easily due to weather and get lost. KP61 appears to be clean and tidy, and fairly inactive (see Figure 2).

FUEL STORAGE

Indicate: **A - Acceptable** **U - Unacceptable** **N/A - Not Applicable** **N/I - Not Inspected**

Owner:	EGT Northwind	Operator:	EGT Northwind	Condition of tanks:	A
Berms & Liners	A	Water within Berm:	Nil	Evidence of Leaks:	Nil
Drainage Pipes	N/A	Pump Station and Catchment Berm	A	Runoff Diversion	N/A
Pipeline Condition	N/A				

Fuel Storage Comments:

- Approximately 33 fuel drums were observed at the explosive pad that is marked on the now withdrawn amendment request to Pit Development Plan for Borrow Source 312 (see Figure 3). No immediate environmental concerns to report, however this site is uphill of Hans Creek, and currently there is no secondary containment being used. Please ensure that the drums are in impeccable condition and that secondary containment is used if the drums are to be stored at the site for some time.

GENERAL CONDITIONS/REPORTS/PLANS

Indicate: **A - Acceptable** **U - Unacceptable** **N/A - Not Applicable** **N/I - Not Inspected**

C & R Plan	N/I	Records & Reporting	N/I	Final Report	N/I
Geotechnical Inspection	N/I	Posting, Signage	N/I	Contingency Plan	N/I
Restorations Activities	N/I	Spills	A	O&M Plan	N/I
Maintenance	A	Modifications	N/I	Annual Report	N/I

INDUSTRIAL WATER USE INSPECTION REPORT

General Comments:

- A ground inspection of the north end was conducted by Water Resource Officer Philippe Thibert-Leduc and Environmental Protection Officer Rolland Malegana on April 12, 2016. At the time of the ground inspection, crews were still working out of Borrow Sources 174 and 312. Borrow Sources 170 and 177 were not inspected, however both sites are in the process of being reclaimed according to the Weekly Progress Report for March 31, 2016 to April 7, 2016. Partial reclamation efforts are ongoing at 174 and 312 – i.e. ripping and pushing in overburden, flattening out the surface (see Figures 4 and 5). Both areas will need to be monitored closely during freshet as there are some important water bodies nearby. No immediate environmental concerns to report.
- As of April 7, 2016, the south and north ends connected between KM 50 and 55.
- Overall, camps at 174 and 312 appeared to be clean and tidy. No environmental concerns to report with regards to storage of fuel and sewage.
- Understanding that the construction season is soon coming to an end, please ensure that all stockpiled materials in all Borrow Sources meet the requirements of their respective Pit Development Plan as approved, and that all terms and conditions of the Water Licence are being met.

Inspector's Signature:



INDUSTRIAL WATER USE INSPECTION REPORT

Inspection Images:

Figure 1

Materials left on the ice at Approved Water Source KP82a.



Figure 2

Overview of Approved Water Source KP61.



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Figure 3

Fuel drums stored at the explosive pad near Borrow Source 312. Drums are sitting on wood pallets but lack secondary containment.



Figure 4

Overview of North West corner at Borrow Source 174 – stockpiles have been pushed in and flattened out.



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Figure 5

Overview of South West corner at Borrow Source 312 – stockpiles have been pushed in and flattened out.

