



Environment and Natural Resources
Government of the Northwest Territories
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February 3, 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,

An inspection of the above noted operation was conducted on January 22, 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 me at (867) 678-6676.

Sincerely,

A handwritten signature in black ink, appearing to read "P. Thibert-Leduc", is written in a cursive style.

Philippe Thibert-Leduc
Water Resource Officer
Inuvik Region

Cc: Stephen Charlie – Superintendent – Inuvik Region – ENR

Enclosure: Industrial Water Use Inspection Report (3 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 20, 2015
COMPANY REP:	Dean Ahmet, Senior Program Manager	INSPECTION DATE:	January 22, 2016

WASTE DISPOSAL – SEWAGE

Disposal Method		Trucked out					
Mechanical	N	Camp Sump	N	Natural Water Body	N	Wetland Treatment	N
Continuous Discharge	N	Intermittent Discharge	N	Seasonal Discharge	N	Land Spread	N
Accelerated Biological	N	Other					

Indicate: **A - Acceptable** **U - Unacceptable** **N/A - Not Applicable** **N/I - Not Inspected**
Y - Yes **N - No**

Discharge Quality	N/I	Decent Process & Structures	N/I	Discharge Measurement Device	N/I
Freeboard	N/A	Sludge Disposal Method	N/A		
Periods Of Discharge	N/I			SNP Samples Collected	N/A
Effluent Discharge Rates	N/I				

Sewage Comments:

- All aspects with waste disposal were satisfactory at the time of the inspection.

WASTE DISPOSAL – MINING – OTHER

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

Ore & Waste Rock Stockpiles	N/A	Chemical Storage	A
Ground Water Discharge	N/A	Mine Water Discharge	N/A

Mining/Other Comments:

- All aspects were satisfactory at time of inspection.

WASTE DISPOSAL – SOLID WASTE

Disposal Method		Trucked out					
Open Dump	N	Landfill	N	Burn & Landfill	N	Underground	N
Offsite Removal	Y	Other	Incinerator will be used to dispose of household wastes as per the Waste Management Plan.				
Owner / Operator	EGT Northwind						

Indicate: **A - Acceptable** **U - Unacceptable** **N/A - Not Applicable** **N/I - Not Inspected**
Y - Yes **N - No**

Runoff Diversion	N/A	SNP Samples Collected	N
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INDUSTRIAL WATER USE INSPECTION REPORT

Solid Waste Comments:

- All aspects with regards to solid wastes were satisfactory at the time of the inspection.
- An incinerator was observed at the camp but had not been used yet (see Figure 1). Please ensure that the requirements of the Waste Management Plan are followed when using the incinerator in the future.

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:

- No environmental concerns were evident at the time of inspection.

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

General Comments:

- At the time of the inspection of the north end, crews were preparing a camp site close to KM 81, east of Source 174. Access road to Source 174 was recently flooded. As a result, the Inspectors decided against inspecting Source 174 for the time being so that the road could settle properly.
- Work on early access road to Source 312 across the Husky Lakes had not begun at the time of the inspection.
- Two minor spills reported in the north end as of February 3, 2016 and no evidence of spills observed during the inspection.
- Generally, most aspects of the inspection were satisfactory; drip trays were placed under most parked vehicles (see Figure 2), spill kits could be found where required, storage tanks were in good condition and kept clean, and all areas inspected were clear of debris and well maintained.
- Two concerns identified include missing drip trays under parked heavy equipment (see Figure 3) and the poor condition of a spill response kit (see Figure 4) around KM 81.
- Water was being withdrawn out of approved Water Source KP82B at the time of the inspection. Water use is being tracked and screens are being used as required and in good condition (see Figure 5).
- The two bridge crossings appeared to be in good condition. No debris or obstruction of water flow observed and sediment control structures appear to be holding in place. Stream surface was frozen at Kilometer (KM) 102.5, and water was still flowing at bridge crossing near KM 91 at the time of the inspection (see Figure 6).

NON-COMPLIANCE/VIOLATIONS OF ACT OR LICENCE

- No non-compliances/violations to report.

Inspector's Signature: _____



INDUSTRIAL WATER USE INSPECTION REPORT

Inspection Images:

Figure 1

Incinerator in place at camp by KM 81.



Figure 2

Drip trays in use – please ensure that they are placed correctly and secured underneath the equipment.



Figure 3

Missing drip trays underneath parked heavy equipment.



Figure 4

Spill response kit bag is punctured and in overall poor condition.



Figure 5

Water withdrawal pump screens used as required at approved Water Source KP82B. Condition is regularly inspected.



Figure 6

Open water at bridge crossing by KM 91.

