



Environment and Natural Resources  
Government of the Northwest Territories  
PO Box 2749  
Inuvik NT X0E 0T0

Telephone: (867) 678-6698  
Fax: (867) 678-6699



February 19, 2016

Inuvialuit Water Board  
PO Box 2531  
Inuvik NT X0E 0T0

**Attn: Freda Wilson, Office and Finance Administrator**

**RE: INDUSTRIAL Water Use N7L1-1835  
CLASS A - INDUSTRIAL**

Dear Ms. Wilson,

Please find the enclosed Inspection Reports for your review and records.

An electronic copy has also been provided by e-mail.

If you have any questions or concerns regarding the enclosed, and/or if additional information is required please 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**

**Enclosure: Industrial Water Use Inspection Report and Cover Letter for ITH South End  
Industrial Water Use Inspection Report and Cover Letter for ITH North End**



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February 19, 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 South End**

Dear Mr. Ahmet,

An inspection of the above noted operation was conducted on February 4, 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".

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**

**Enclosure: Industrial Water Use Inspection Report (3 pages)**

## INDUSTRIAL WATER USE INSPECTION REPORT

<b>LICENCE #:</b>	N7L1-1835	<b>EXPIRY DATE:</b>	December 11, 2023
<b>LICENCEE:</b>	Government of the Northwest Territories - Department of Transportation	<b>PREVIOUS INSPECTION:</b>	January 20, 2015
<b>COMPANY REP:</b>	Dean Ahmet, Senior Program Manager	<b>INSPECTION DATE:</b>	February 4, 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.
- Heated tanks were in place at the camp near KM 28. Condition is satisfactory and there was no evidence of spill.

### 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					
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.

### 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.
- Fueling areas were satisfactory (see Figure 1).

### 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 south end, crews were working out of Burrow Source PW10 and towards Burrow Source GSC4.
- No flooding was occurring on the access road to PW10. Access road was debris and spill free and appeared to be in good condition. The contractor is rotating lanes as needed and conducting routine flooding for maintenance purposes.
- Small camp by Burrow Source PW10 had been relocated closer to the camp by KM 28, near Burrow Source GSC4 at the time of the inspection. Former camp area is clean looking (see Figure 2).
- Crews were working on installing bridge pilings at KM 26 (see Figure 3). No flowing water or spills observed.
- No activity observed around Burrow Source GSC4 and Jimmy Lakes other than a small access road being flooded further down at the time of the inspection, off the current entrance to Jimmy Lakes past the camp by KM 28 (see Figure 4).
- No water withdrawal operation was inspected at this time as there were no opportunities to do so. ENR Inspectors will monitor Jimmy Lake to ensure that no water is being withdrawn near the critical lake trout and whitefish habitat area as described in the Pit Development Plan for Burrow Source GSC4.
- No activity to report around Burrow Source I401A at the time of the inspection.
- Overall, all aspects of the inspection were satisfactory: drip trays were placed under parked vehicles, chemical products were stored on drip trays, fueling areas were tidy and clean, 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.
- No spills reported in the south end as of February 19, 2016 and no evidence of spills observed during the inspection.

### NON-COMPLIANCE/VIOLATIONS OF ACT OR LICENCE

- No non-compliances/violations to report.

Inspector's Signature: \_\_\_\_\_



## INDUSTRIAL WATER USE INSPECTION REPORT

**Inspection Images:**

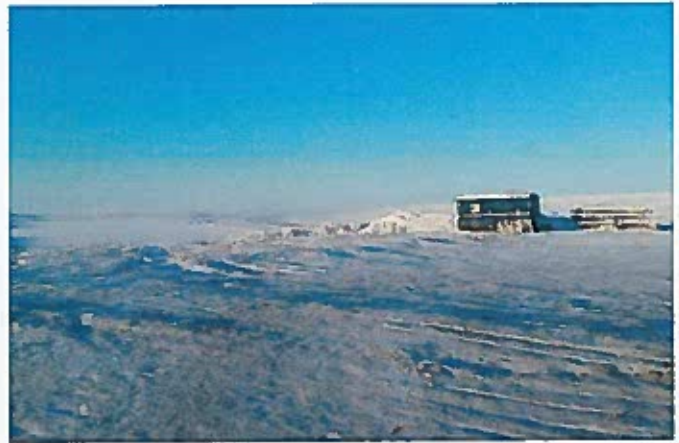
**Figure 1**

Fueling area near Burrow Source PW10.



**Figure 2**

Former small camp area by Burrow Source PW10.



**Figure 3**

Bridge pilings recently installed at KM 26.



**Figure 4**

Access road to Jimmy Lake out of camp by KM 28 (parked water truck on break).

