



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

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

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 South End**

Dear Mr. Ahmet,

An inspection of the above noted operation was conducted on January 20, 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". The signature is fluid and cursive, written over a light grey rectangular background.

Philippe Thibert-Leduc
Water Resource Officer
Inuvik Region

Cc: Stephen Charlie – Superintendent – Inuvik Region – ENR

Enclosure: Industrial Water Use Inspection Report (3 pages)
Inuvialuit Water Board Letter to Mr. Kevin McLeod (2 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 20, 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 aspect 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
------------------	-----	-----------------------	---

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.

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 Source PW10. All aspects were satisfactory; drip trays were placed under parked vehicles (see Figure 1), chemical products were stored on drip trays (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. Please ensure that drip trays do not get windblown and that they are properly cleaned as needed.
- Source 1401A was not being used at the time of the inspection. There are stockpiles of granular material on standby. No concerns observed at the site.
- A section of the access road to PW10 was being flooded at the time of the inspection (see Figure 3). All pumps were equipped with screens as required and operators regularly inspect pumps and screens for general maintenance and condition. Access road was clear of debris and in good condition.
- No spills reported in the south end as of February 3, 2016 and no evidence of spills observed during the inspection.
- To recapitulate since the last Water Licence Inspection Report on file and to ensure that this is recorded on the public registry:
 - All water samples were conducted throughout open water season 2015 as per the Surveillance Network Program (SNP) under Schedule I of the Water Licence. The Licensee is to be commended for successfully meeting the SNP requirements and informing the Regional Water Resource Officer of general progress and of any criteria exceedances throughout the season. No concerns came out of the sampling results; a few parameters tested slightly over criteria (e.g. Total suspended solids) but this was not sustained and likely due to some erosion at the time (SNP 1835-15-B).
 - A reoccurring concern that was mentioned in previous months by the Water Resource Officer and the Inuvialuit Water Board was the late submission of the updated Construction schedule and activities which is due annually not later than September 31. Failing to do so is a violation of Part C, Item 1, of the Water Licence. This issue was resolved on November 19, 2015 and the schedule is now posted on the public registry.
 - Please ensure that all documents/correspondence pertaining to the Water Licence are **shared directly** (email and hard copies) with the Water Resource Officer and the Inuvialuit Water Board in a timely manner. This has been an issue in the past with Pit Development Plans, for instance.

NON-COMPLIANCE/VIOLATIONS OF ACT OR LICENCE

- Please work with the Board and the Water Resource Officer on resolving the information gaps raised by the Board in a letter addressed to Mr. Kevin McLeod, sent on January 27, 2016 (attached).

Inspector's Signature: _____



Date:	January 20, 2016	Licence #:	N7L1-1835	Page No:	2
-------	------------------	------------	-----------	----------	---

INDUSTRIAL WATER USE INSPECTION REPORT

Inspection Images:

Figure 1

Drip trays in use at the time of the inspection.



Figure 2

Chemical products temporarily stored on drip trays.



Figure 3

Routine flooding of Source PW10's access road.

