

Aboriginal Affairs and Northern Development Canada http://www.aandc-aadnc.gc.ca Affaires autochtones et Développement du Nord Canada http://www.aadnc-aandc.gc.ca

North Mackenzie District P.O. Box 2100 Inuvik, NT X0E 0T0 Telephone:867-777-8900Fax:867-777-2090

March 30, 2014

Northwest Territories Water Board P.O. Box 2531 Inuvik, NT X0E 0T0

Attn: Freda Wilson, Office and Finance Administrator

### RE: INDUSTRIAL Water Use N7L1-1824 CLASS B - INDUSTRIAL Johnson Point Unnamed River

Dear Ms. Wilson,

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

An electronic copy (un-editable Adobe pdf.) 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) 777-8909.

Sincerely,

The

Jan Davies Water Resource Officer

Cc: Conrad Baetz, District Manager, North Mackenzie District, Inuvik, NT

Enclosure: Industrial Water Use Inspection Report and Cover Letter (5 pages)



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March 30, 2014

Contaminants & Remediation Directorate Aboriginal Affairs and Northern Development Canada P.O. Box 1500 Yellowknife, NT X1A 2R3

### Attn: Bill Coedy

### RE: INDUSTRIAL Water Use N7L1-1824 CLASS B - INDUSTRIAL Johnson Point Unnamed River

Dear Mr. Coedy,

An inspection of the Contaminants & Remediation Directorate - Aboriginal Affairs and Northern Development Canada Water Licence N7L1-1824 (expiry on May 31, 2013) was conducted on August 30, 2013. The operation under the above mentioned Industrial Water Use was inspected to assess compliance and ensure that the terms and conditions were met. Enclosed is a copy of the Inspection Report (4 pages) for your review and records.

There were no violations identified during the course of this Inspection. Please review and address the concerns and other items throughout the Inspection Report.

Please note that it is the Licensee's responsibility to ensure compliance with all of the terms and conditions of its Water Licence. A copy of this report will be sent to the Northwest Territories Water Board for their review and public records.

If you have any questions regarding the enclosed and/or if additional information is required, please do not hesitate to contact me at (867) 777-8900.

Sincerely,

Cc:

Jan/Davies

Water Resource Officer

Conrad Baetz, District Manager, North Mackenzie District, Inuvik, NT

Enclosure: Industrial Water Use Inspection Report (4 pages)



# INDUSTRIAL WATER USE INSPECTION REPORT

LICENCE #:	N7L1-1824, Johnson Point	EXPIRY DATE:	May 31, 2013
LICENCEE:	Contaminants & Remediation Directorate, Aboriginal Affairs and Northern Development Canada	PREVIOUS INSPECTION:	August 20, 2012
COMPANY REP:	Bill Coedy	<b>INSPECTION DATE:</b>	August 30, 2013

### WATER SUPPLY

Source:	Unnamed River	Quantity Used:	N/A, See Annual Reports
Owner/Operator:	Contaminants & Remediation	Meter Reading:	N/A

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Indicate: A
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A - Acceptable U - Unacceptable

N/A - Not Applicable N

N/I - Not Inspected

Intake Facilities	N/A	Storage Structures	N/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
						Modifications	N/A

Water Supply Comments:

N/A

### WASTE DISPOSAL – SEWAGE

Disposal Method		Aeration tank, settling lagoon						
Mechanical	N	Camp Sump	Ν	Natural Water Body	Ν	Wetland Treatment	N	
Continuous Discharge	N	Intermittent Discharge	Ν	Seasonal Discharge	Ν	Land Spread	N	
Accelerated Biological	Ν	Other	Aeration tank, settling lagoon					

Indicate: A - Acceptable

ble U - Unacceptable

N/A - Not Applicable N/I - 1

N/I - Not Inspected

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

### Sewage Comments:

- Former camp area, treated greywater effluent discharge area and settling lagoon area were in good condition with no concerns.

## WASTE DISPOSAL – SOLID WASTE

Disposal Method		Landfill					
Open Dump	Ν	Landfill	Y	Burn & Landfill	N	Underground	Ν
Offsite Removal	Ν	Other	other N/A				
Owner / Operator	Contaminants & Remediation Directorate						

Date:	August 30, 2013	Licence #:	N7L1-1824	Page No:	1
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## **INDUSTRIAL WATER USE INSPECTION REPORT**

Indicate: A - A	Acceptable	U - Unacceptable	N/A - Not Applicable	N/I - Not ]	Inspected
Runoff Diversion	N/A		SNP Samples Collected		N/A

#### Solid Waste Comments:

- Landfills still well secured and erosion is being controlled by the armour stone surrounding and covering the various sites.

- The soil disposal areas are looking acceptable with stable slopes and sides. Minimal erosion is present but small compared to the surrounding areas that are naturally experiencing a lot more erosion.

- Minimal debris waste was observed such as a metal come along on the most southerly treated soil disposal area. It is thought that this might have been from the recent remediation activity (Water Licence N7L1-1824) if not some of the past historic/staging activities associated with Johnson Point. When Aboriginal Affairs and Northern Development - Contaminants & Remediation Directorate is in the area doing monitoring etc any debris exposed on site should be removed for proper disposal.

### GENERAL CONDITIONS/REPORTS/PLANS

Indicate: A	- Acceptable	U	- Unacceptable N/A	A - Not Applic	able N/I - Not Inspected	
C &R Plan	Ν	N/A	Records & Reporting	N/I	Final Report	N/A
Geotechnical Insp	ection N	N/A	Posting, Signage	N/A	Contingency Plan	N/A
Restorations Activ	rities A	А	Spills	А	O&M Plan	N/A
Maintenance	٢	N/A	Modifications	N/A	Annual Report	N/I

### **General Condition Comments:**

Erosion - acceptable - Area restoration has been completed. All equipment, camp and materials have been removed from the site.

- Thermistors remain on site and are in acceptable condition.

- Drainage for the site is being maintained and is naturallly establishing itself in the area.

- Restoration work has succeeded in the area especially the excavations on the apron area, along the shore area, near runway and bordering the river. These areas were disturbed to excavate contaminated ground material to either clean or approved depths and then backfilled. Stability was a concern due to the amount of area that was disturbed and as it was unknown if the permafrost would reintegrate into the backfilled material. Thermistors were installed to monitor the areas of most concern in conjunction with scheduled site visits to Johnson Point.

- Unnamed River at Johnson Point is maintaining it's original pathway/drainage despite those adjacent areas that had contaminated material excavated and were backfilled.

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

N/A
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Inspector's Signature:

Date:	August 30, 2013	Licence #:	N7L1-1824	Page No:	2
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# INDUSTRIAL WATER USE INSPECTION REPORT

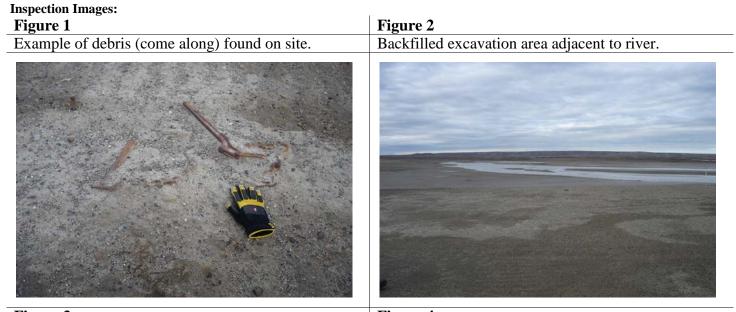


Figure 3Figure 4Thermistor amidst backfilled excavation area adjacent<br/>to river.Access road and drainage area intersection.

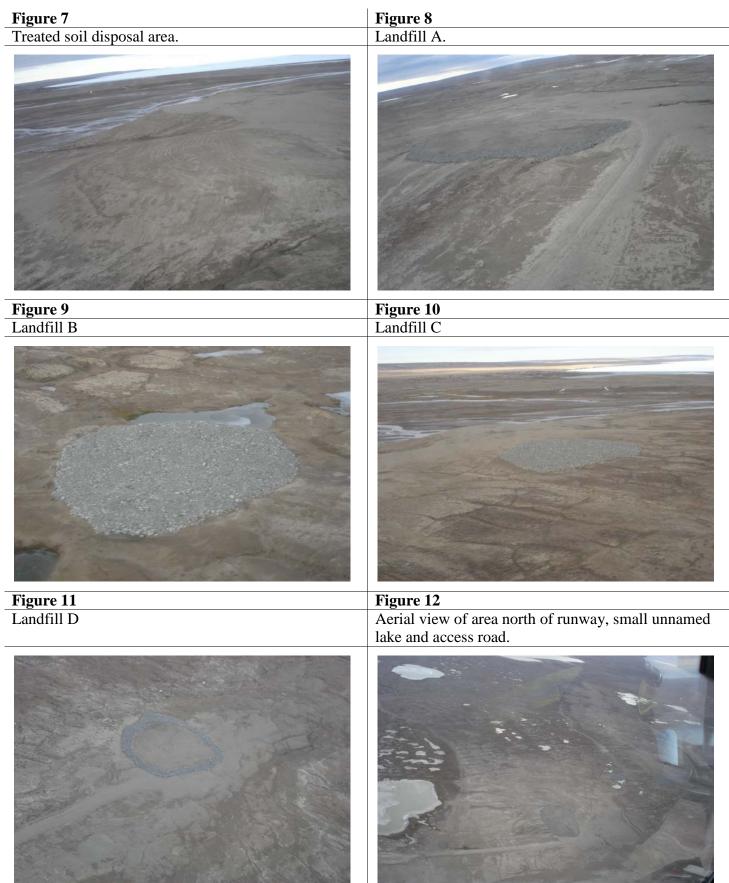


Date:	August 30, 2013	Licence #:	N7L1-1824	Page No:	3
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# INDUSTRIAL WATER USE INSPECTION REPORT



Date:	August 30, 2013	Licence #:	N7L1-1824	Page No:	4
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