



Beaufort Delta Region  
Bag Service #1  
Inuvik, NT X0E 0T0

Telephone: 867 777-8900  
Fax: 867-777-2090

August 11, 2014

Suncor Energy Inc.  
Suncor Energy Centre, P.O. Box 2844  
150 - 6th Avenue S.W.  
Calgary, AB T2P 3E3

**Attn: John Kerkhoven**

**RE: INDUSTRIAL Water Use N7L1-1759  
CLASS B - INDUSTRIAL  
Mackenzie River**

To: John Kerkhoven,

An inspection of the above noted operation was conducted on July 31, 2014 by Manager Resource Management Donald Arey.

Enclosed is a copy of the Industrial Water Use Inspection Report.

If you have any questions, please contact me at 867 777-8900.

Regards,

**ORIGINAL SIGNED**

Donald Arey  
Manager Resource Management  
Department of Lands  
Beaufort Delta Region-Inuvik

Cc:  
Conrad Baetz, Superintendent, Dept. of Lands, Beaufort Delta Region  
Stephen Charlie, Superintendent, Dept. of Environment and Natural Resources



## INDUSTRIAL WATER USE INSPECTION REPORT

<b>LICENCE #:</b>	N7L1-1759	<b>EXPIRY DATE:</b>	November 30, 2002
<b>LICENCEE:</b>	Suncor Energy Inc.	<b>PREVIOUS INSPECTION:</b>	July 31, 2013
<b>COMPANY REP:</b>	John Kerkhoven	<b>INSPECTION DATE:</b>	July 31, 2014

### WATER SUPPLY

Source:	Mackenzie River	Quantity Used:	N/A
Owner/Operator:	Suncor Energy Inc.	Meter Reading:	N/A

**Indicate:**      **A - Acceptable**                      **U - Unacceptable**                      **N/A - Not Applicable**                      **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 – WELL WASTE

Disposal Method	Drilling Sump								
Off-Site Removal	N	Drilling Sump	Y	Downhole Injection	N	Treat and Landspread	N	Other	N/A

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

Sump Liners	N/A	Sump Treatment	N/A	Freeboard	N/A
Erosion	A	Construction	N/A		
SNP Samples Collected	N/A				

**Well Waste Comments:**

It is evident that ponding is around the sumps with little change from previous inspection.

### WASTE DISPOSAL – SOLID WASTE

Disposal Method	Landfill						
Open Dump	N	Landfill	Y	Burn & Landfill	N	Underground	N
Offsite Removal	N	Other	N/A				
Owner / Operator	Suncor Energy Inc.						

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

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

### Solid Waste Comments:

All satisfactory at time of the inspection.

### GENERAL CONDITIONS/REPORTS/PLANS

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

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

### General Condition Comments:

As per previous inspections reports for this site it has been identified that the Interim Abandonment and Restoration Plan were not received, Please note that this is a requirement as per Part "H" item 1 of the Water License.

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

As per previous inspections reports for this site it has been identified that the Interim Abandonment and Restoration Plan were not received, Please note that this is a requirement as per Part "H" item 1 of the Water License. Please advise as when we will be receiving this plan.

Inspector's Signature: \_\_\_\_\_ ORIGINAL SIGNED \_\_\_\_\_

Inspection Images:

## Figure 1

Aerial of site



## Figure 2

drill sump



**Figure 3**  
**camp sump**



**Figure 4**  
**edge of the drill dump**

