



Telephone: 867-678-6653  
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March 13, 2017

Imperial Oil Resources  
505 Quarry Park Blvd. SE  
PO Box 2480, Station M  
Calgary, AB T2C 5N1

**Attention: Tobiah Newton**

<b>File Number</b>	<b>N7L1-1836</b>
<b>Type of Operation</b>	<b>CLASS B - INDUSTRIAL</b>
<b>Location</b>	<b>Bar-C, Tununuk Point</b>

Dear Tobiah Newton,

An inspection of the Imperial Oil Resources Water Licence N7L1-1836 (expiry on March 30, 2020) was conducted on March 08, 2017. Enclosed is a copy of the Inspection Report (6 pages) for your review and records.

One violation / non-compliance was observed. The licensee was contacted prior to completion of this Inspection Report and the Inspector is satisfied the issue has been addressed.

If you have any questions, please contact me at 867-678-6653.

Sincerely,

Rolland Malegana  
Regional Environmental Protection  
Officer  
Environment and Natural Resources  
Inuvik Region

Cc: Norman Snowshoe – Superintendent, GNWT ENR Inuvik Region  
Lloyd Gruben – Water Resource Officer, GNWT ENR Inuvik Region  
Mardy Semmler – Executive Director, Inuvialuit Water Board



## **WATER USE INSPECTION REPORT**

Bijaya Adhikari – Science and Regulatory Coordinator, Inuvialuit Water Board

Enclosure: Industrial Water Use Inspection Report (6 pages)

Date:	March 08, 2017	Licence #:	N7L1-1836	Page No:	2
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### WATER USE INSPECTION REPORT

LICENCE #:	N7L1-1836	EXPIRY DATE:	March 20, 2020
LICENCEE:	Imperial Oil Resources	PREVIOUS INSPECTION:	New
COMPANY REP:	Tobiah Newton	INSPECTION DATE:	March 08, 2017

#### WASTE DISPOSAL - SEWAGE

Disposal Method		Off-site removal					
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**

Discharge Quality	N/A	Decant 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:**

- Sewage is transported off-site to Inuvik for disposal.

#### WASTE DISPOSAL - SOLID WASTE

Disposal Method		Off-site disposal					
Open Dump	N/A	Landfill	N/A	Burn & Landfill	N/A	Underground	N/A
Offsite Removal	Y	Other					
Owner / Operator	Imperial Oil Resources						

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

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

### Solid Waste Comments:

- Solid waste collected in camp in a sea-can and deposited off-site in Inuvik.
- Metal debris from dock removal in Area H are piled away from the shoreline and will be deposited in Inuvik
- Debris and litter observed in previous inspection report in Area F will be picked up and deposited in the summer months

### FUEL STORAGE

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

Owner:	Imperial Oil Resources	Operator:		Condition of tanks:	A
Berms & Liners	A	Water within Berm:	No.	Evidence of Leaks:	No.
Drainage Pipes	N/A	Pump Station and Catchment Berm	A	Runoff Diversion	N/A
Pipeline Condition	N/A				

### Fuel Storage Comments:

- Most fueling of vehicles occurs in area well away from high water mark. Berm and tank appeared to be in good condition (Figure 1).

### GENERAL CONDITIONS/REPORTS/PLANS

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

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

### General Condition Comments:

- On March 8, 2017, ENR Regional Environmental Protection Officer (Inspector) Rolland Malegana inspected Bar-C, Tununuk Point to assess the proponents compliance with Water Licence N7L1-1836 and associated terms and conditions. Specifically Areas F and H (Barge Dock) were inspected.
- March 8, 2017 forecast was sunny with a high of -25°C and a low of -30°C, with no precipitation.
- The 2016 Annual Report was submitted on November 17, 2016.
- Water sampling sites were identified and inspected (Figure 2 and Figure 3).
- Sampling was once a day and had transitioned to three times a day at the time of inspection.
- Sampling records were inspected and were found to be acceptable.

## WATER USE INSPECTION REPORT

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

Part C, Item 7(d) - Inspector noted fueling of heavy equipment occurred within 30 metres of high water mark (Figure 5). Licensee was reminded of the condition of their Water Licence. They have reviewed fueling procedures and will conduct future fueling at the appropriate distance. The Inspector is satisfied corrections in fueling procedures have been made.

Inspector's Signature:



## WATER USE INSPECTION REPORT

### INSPECTION IMAGES

Figure 1

Fuel Storage & Berm in Area F



Figure 2

Water Sample Site - Downstream - East of Dock





### WATER USE INSPECTION REPORT

**Figure 3**

**Water Sample Site - Upstream - West of Dock**



**Figure 4**

**Dock removal work**





## WATER USE INSPECTION REPORT

Figure 5

Fueling within 30 metres of high water mark



Date:	March 08, 2017	Licence #:	N7L1-1836	Page No:	6
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