



Fred Behrens
P.O. Box 88
Aklavik, NT X0E 0A0

November 7, 2019

Attention: Fred Behrens, Senior Administrative Officer

File Number N3L3- 0570
Type of Operation CLASS B - MUNICIPAL
Location Aklavik

Dear Fred Behrens,

I completed an inspection of the Hamlet of Aklavik's landfill, sewage lagoon, water treatment Plant, Garage and office buildings during the Inuvialuit Water Board's tour of Aklavik on August 21, 2019

First of all, I would like to point out the three non-compliance issues noted below:

1. Part B, Section 1 (a – n)
2. Debris and empty plastic oil containers on ground by lagoon
3. Windblown material blown into creek west of landfill and within the trees

In the future, have all required information for the Annual Water Report ready for the April 30 submission deadline. Have all windblown material picked up from area outside landfill, creek and sewage lagoon.

It is the licensee's responsibility to adhere by all Terms and Conditions set out in the Water License.

If you have any questions, please contact me at 867-678-6676.

Sincerely,

Lloyd Gruben
Water Resource Officer
Environment and Natural Resources
P.O. Box 2749
Inuvik, Nt X0E 0T0
867 678 6676 (Phone)



«INSP_TYPE» WATER USE INSPECTION REPORT

Cc:

Lila Voudrach
Mardy Semmler
Freda Wilson
Bijaya Adhikara
Mayor and Council

Manager, Environment and Natural Resources
Executive Director – Inuvialuit Water Board
Inuvialuit Water Board
Science and Regulatory Coordinator – Inuvialuit Water Board
Hamlet of Aklavik

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LICENCE #:	N3L3 - 0570	EXPIRY DATE:	Nov. 30, 2019
LICENCEE:	Hamlet of Aklavik	PREVIOUS INSPECTION:	Aug 24, 2017
COMPANY REP:	Fred Behrens	INSPECTION DATE:	Aug. 21, 2019

WATER SUPPLY

Source:	N/A	Quantity Used:	N/A
Owner/Operator:	N/A	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:

WASTE DISPOSAL - WELL WASTE

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

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	N/A	Construction	N/A		
SNP Samples Collected	N/A				

Well Waste Comments:

No Comment

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WASTE DISPOSAL – SEWAGE

Disposal Method		Primary Treatment					
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	A	Decant Process & Structures	N/I	Discharge Measurement Device	N/I
Freeboard	A	Sludge Disposal Method	N/I		
Periods Of Discharge	N/I			SNP Samples Collected	Yes
Effluent Discharge Rates	N/I				

Sewage Comments:

Improvements done to dumping chute
 Good base of ground below chute
 Berm used to prevent sewage truck from hitting chute
 Lot of debris, cardboard boxes, plastic bags, empty cans left by lagoon

WASTE DISPOSAL - TAILINGS

Disposal Method		N/A					
Tailings Pond	N	Natural Lake	N	Underground	N	Other	

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

Conveyance Lines	N/A	Runoff Diversion	N/A	Dams, Dykes	N/A
Freeboard	N/A	Seepages	N/A	Dyke Inspection	N/A
Erosion	N/A	Pond Treatment	N/A	Construction	N/A
Periods Of Discharge	N/A			SNP Samples Collected	N/A

Tailings Comments:

No Comment

WASTE DISPOSAL – MINING – OTHER

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

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Ore & Waste Rock Stockpiles	N/A	Chemical Storage	N/A
Ground Water Discharge	N/A	Mine Water Discharge	N/A

Mining-Other Comments:

WASTE DISPOSAL – SOLID WASTE

Disposal Method		Landfill					
Open Dump	N	Landfill	N	Burn & Landfill	N	Underground	N
Offsite Removal	N	Other					
Owner / Operator	Hamlet of Aklavik						

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

Runoff Diversion		SNP Samples Collected	
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Solid Waste Comments:

Some segregation One area for regular household garbage
 There is some good signage for tires, used oil, appliances, old vehicles
 Old fuel tanks from Housing, not cleaned
 One area has lot of empty 45 gal. drums
 Lot of empty propane tanks all over. Stated to the staff, for safety reasons, area needed for empty propane bottles
 Area for old appliances
 All used oil, batteries and paint containers brought to shop. Used oil dumped into tote container, Batteries and paint containers placed in drums and wooden boxes on pallets for batteries
 Section set aside for old vehicles, atv's and snowmobiles
 Section for old steel

FUEL STORAGE

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

Owner:	Hamlet of Aklavik	Operator:	Hamlet of Aklavik	Condition of tanks:	A
Berms & Liners	N/A	Water within Berm:	N/A	Evidence of Leaks:	No

Drainage Pipes	A	Pump Station and Catchment Berm	A	Runoff Diversion	A
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Pipeline Condition	A
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Fuel Storage Comments:

All fuel tanks at all Hamlet of Aklavik double walled tanks
 All have good solid base, no sinking
 No stress on pipes entering buildings

DAM – STRUCTURAL CONDITION OF DAM

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

Required Freeboard									
			Subsidence				Wave Erosion		
Upstream Face			Surface Erosion				Wave Erosion		
Downstream Face			Surface Erosion				Wave Erosion		

Structural Condition Of Dam Comments:

DAM – SPILLWAYS and DISCHARGE STRUCTURES

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

Intake Structures		Discharge Structures	
Seepage		Erosion	
Downstream Discharge		Stage Discharge Curves	
Forebay Level		Tail Race Level	
Flow rate (Power House)			
Flow rate (Spillway)			
Power Production			
Forebay Max Level			
Forebay Min Level			

Spillways and Discharge Structures Comments:

SURVEILLANCE NETWORK PROGRAM

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Samples Collected Licencee	Yes
Samples Collected ENR	Yes

Signs Posted: SNP	No	Warning	No
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Surveillance Network Program Comments:

Stated to Hamlet of Aklavik, SNP samples required every year at spring melt and before freeze up

GENERAL CONDITIONS/REPORTS/PLANS

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

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

General Condition Comments:

Improvements made to Solid Waste Site, sewage pump out chutes

ADDITIONAL COMMENTS/REMARKS

Weather was +18, clear, sunny skies, calm winds
Spill kit visible at Hamlet Garage

MATTERS FOR FOLLOW UP

- Set aside area in solid waste site for empty propane bottles
- Debris not disposed by sewage lagoon
- Windblown material be picked up outside landfill area
- SNP samples be collected and sent out for analysis
- Annual report submitted each year by April 30 submission date
- Inventory landfill to determine whether or not vehicles are drained and drain if needed

NON-COMPLIANCE/VIOLATIONS OF ACT OR LICENCE

Annual Report submitted late
Debris dumped by sewage lagoon
No signs stating sewage lagoon
No control of what brought to landfill as no operator
Landfill access 24 hrs/day
Section 5(2)(c) (d) of the Used Oil and Waste Fuel Management Regulations states: A person storing used oil, waste fuel in a container shall ensure that the container (c) is stored on a site where access is controlled and monitored; and (d) is clearly, legibly and indelibly labelled to indicate that its contents are waste used oil, waste derived fuel or waste fuel, as the case may be

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Inspector's Signature: *Rayd Lal*



Figure 1 Sign for Tires at Landfill



Figure 2 Area for Old Vehicles

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Figure 3 Garbage left by Sewage Lagoon



Figure 4 Wooden Box on pallets filled with old batteries



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Figure 5 Box of Paint containers