



Hamlet of Tuktoyaktuk
P.O. Box 120
Tuktoyaktuk, NT X0E 0T0

August 1, 2019

Attention: Mayor Merven Gruben Hamlet of Tuktoyaktuk

File Number N5L3-0714
Type of Operation Type B – MUNICIPAL Water License
Location Tuktoyaktuk

Attention: Merven Gruben, Mayor, Hamlet of Tuktoyaktuk

On June 26, 2019, I completed an inspection at the Hamlet of Tuktoyaktuk's landfill, sewage lagoon, garage and water treatment plant. I attached a copy of the Municipal Water License Inspection Report for your review.

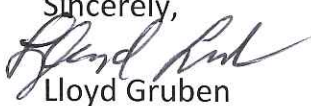
During my inspection, I noted one non compliance issue

- Section 1 of Part B of the Water License requires the Hamlet Of Tuktoyaktuk to submit their annual report no later than April 30

I would like to commend the Hamlet of Tuktoyaktuk for the following:

- Visible signage and segregation at the Solid Waste Site
- SNP sampling
- Designated area for storing hazardous waste

Please contact me at the number below if you have any questions or concerns or if you require additional information.

Sincerely,

Lloyd Gruben
Water Resource Officer
Environment and Natural Resources
P.O. Box 2749
Inuvik, NT X0E 0T0
Ph: 867 – 678 - 6676

Cc:

Hamlet of Tuktoyaktuk
P.O. Box 120
Tuktoyaktuk, NT X0E 0T0

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«INSP_TYPE» WATER USE INSPECTION REPORT

Lila Voudrach ;	Manager, Wildlife and Environment
Mardy Semmler	Executive Director, Inuvialuit Water Board
Bijaya Adhikara	Science and Regulatory Coordinator
Leigh Anne Williams Jones	Regulatory Officer
Shawn Stuckey	Senior Administrative Officer, Hamlet of Tuktoyaktuk

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«INSP_TYPE» WATER USE INSPECTION REPORT

LICENCE #:	N5L3 - 0714	EXPIRY DATE:	November 20, 2023
LICENCEE:	Hamlet of Tuktoyaktuk	PREVIOUS INSPECTION:	Sept 11, 2017
COMPANY REP:	Mayor Merven Gruben	INSPECTION DATE:	June 26, 2019

WATER SUPPLY

Source:	Kudlak Lake	Quantity Used:	N/A
Owner/Operator:	Hamlet of Tuktoyaktuk	Meter Reading:	N/I

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

Intake Facilities	A	Storage Structures	A	Treatment Systems	A	Recycling	A
Flow Meas. Device	A	Conveyance Lines	A	Pumping Stations	A	Chem. Storage	A
						Modifications	N/A

Water Supply Comments:

Good record keeping
Shop is clean
Daily logbook up to date
The Hamlet of Tuktoyaktuk benefits from having other employees of operating the Water Treatment Plant
No leaks observed
The water reservoir is locked at all times and is surrounded by a fence only assesible by the Hamlet of Tuktoyaktuk employees. The public and animals have no access to the water reservoir
Fuel tank on good solid base
No stress on fuel pipes entering building.
Pad underneath truck fill hose, eroding and ditch created
No spill kit located at Water Treatment Plant, mentioned this to foreman that spill kit required at the Water Treatment Plant
Fuel Tank is double walled

WASTE DISPOSAL – WELL WASTE

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

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

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

Well Waste Comments:

WASTE DISPOSAL – SEWAGE

Disposal Method		Primary Treatment					
Mechanical	N	Camp Sump	N	Natural Water Body	Y	Wetland Treatment	Y
Continuous Discharge	Y	Intermittent Discharge	N	Seasonal Discharge	N	Land Spread	N
Accelerated Biological	N	Other	N/A				

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

Discharge Quality	A	Decant Process & Structures	No	Discharge Measurement Device	N/A
Freeboard	1M	Sludge Disposal Method	N/A		
Periods Of Discharge	Fall			SNP Samples Collected	Y
Effluent Discharge Rates					

Sewage Comments:

Chutes in good working condition – 1 new chute along with 1 for RV dumping station
Renovation and modifications done. All in good working order
No smell from lagoon
Pads and cement blocking put in place so Sewage trucks won't back into chutes
SNP samples taken

WASTE DISPOSAL - TAILINGS

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

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

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

Tailings Comments:

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	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 Tuktoyaktuk						

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

Runoff Diversion	N/A	SNP Samples Collected	Y
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Solid Waste Comments:

Visible Signage
Visble Segregation
Wind Blown Material Picked by Casuals Hired
Honey Bucket Ditch Available
Gate at Entrance will be installed, locked during non business hours, bins put by the gates for public to place garbage
Interior fence will be installed to capture wind blown material.
All waste, used oil, paint and batteries taken at shop
According to the foreman, they are having problems with residents from Inuvik scavenging and leaving a mess

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Did not accept any debris from the demolition of Hotel Tuk Inn

FUEL STORAGE

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

Owner:	Hamlet of Tuktoyaktuk	Operator:	Hamlet of Tuktoyaktuk	Condition of tanks:	Very Good
Berms & Liners	Yes	Water within Berm:	Not Noticed	Evidence of Leaks:	No
Drainage Pipes	Not Noticed	Pump Station and Catchment Berm	A	Runoff Diversion	A
Pipeline Condition	A				

Fuel Storage Comments:

All fuel tanks are double walled, also bermed
No stress on pipes
No evidence of leaks
All tanks have good stable base, no erosion

DAM – STRUCTURAL CONDITION OF DAM

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

Required Freeboard	N/A									
Crest	Cracking	N / A	Subsidence	N / A	Heaving	N / A	Wave Erosion	N / A	Brushing Required	N / A
Upstream Face	Cracking	N / A	Surface Erosion	N / A	Gullying	N / A	Wave Erosion	N / A	Brushing Required	N / A
Downstream Face	Cracking	N / A	Surface Erosion	N / A	Gullying	N / A	Wave Erosion	N / A	Brushing Required	N / A

Structural Condition Of Dam Comments:

DAM – SPILLWAYS and DISCHARGE STRUCTURES

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

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

Spillways and Discharge Structures Comments:

SURVEILLANCE NETWORK PROGRAM

Samples Collected Licencee	Yes
Samples Collected ENR	Yes

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

SNP Stations marked clearly
Samples Taken

GENERAL CONDITIONS/REPORTS/PLANS

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

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

General Condition Comments:

Weather was +18
Calm Winds, Clear and Sunny

ADDITIONAL COMMENTS/REMARKS

With no Solid Waste Operator, there is no control of what is brought to the landfill: industrial
Spill Kit observed at shop
Used Oil totes, dead batteries, paint in fence under lock and key at shop yard

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MATTERS FOR FOLLOW UP

Spill Kit Required at Water Treatment Plant

NON-COMPLIANCE/VIOLATIONS OF ACT OR LICENCE

- Part B, Section 1, of General Conditions states”The Licensee shall File an Annual Report with the Board not later than April 30 of each year” was submitted to the Board Late
- The 2018 Annual Report was submitted to the IWB on May 9, 2019. On May 14, 2019, the IWB swent a letter for Additional Information Request. The request was for Part B Item C: Summary of the monthly and annual quantities of Hazardous waste stored on site
- In the future, would like to see the Annual Water License Report submitted to the IWB prior to the April 30 deadline

Inspector’s Signature: 

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