



Telephone: 867-587-7203

Fax: 867-587-2928

August 20, 2024

Samantha Bayha  
Senior Administrative Officer  
Incorporated Hamlet of Tulita  
PO Box 91  
Tulita, NT X0E 0K0

<b>File Number</b>	<b>S16L3-001</b>
<b>Type of Operation</b>	<b>CLASS B - MUNICIPAL</b>
<b>Location</b>	<b>Great Bear River</b>

Dear Samantha Bayha,

An inspection of the above noted operation was conducted on May 27, 2024 by Water Resource Officer, Erin Goose .

Please review the attached report and work to address the identified maintenance issues at the Solid Waste Disposal Facility. Overall, the Hamlet is in compliance with license conditions. Thank you for working towards better compliance by addressing outstanding administrative items required by the SLWB.

Please extend my thanks to Hamlet staff for their assistance during the inspection.

Enclosed is a copy of the Municipal Water Use Inspection Report. If you have any questions, please contact me at 867-587-6533.

Sincerely,

Erin Goose  
Water Resource Officer  
Environment and Climate Change  
Government of the Northwest Territories  
Sahtu Region

WATER USE INSPECTION REPORT

Cc: Jeff Walker- Sahtu Region Superintendent-ECC  
Wendy Bidwell-Senior Water Resource Officer-ECC  
Natalie Lippa-Regulatory Specialist-SLWB  
Rick Walbourne-Water Regulatory Manager-ECC



WATER USE INSPECTION REPORT

LICENCE #:	S16L3-001	EXPIRY DATE:	November 01, 2026
LICENCEE:	Incorporated Hamlet of Tulita	PREVIOUS INSPECTION:	September 16, 2020
COMPANY REP:	Samantha Bayha- SAO	INSPECTION DATE:	May 27, 2024

WATER SUPPLY

Source:	Great Bear River	Quantity Used:	9125 Per year
Owner/Operator:	MYB Contracting	Not to Exceed:	21,300 Cubic Meters/Year

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

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

Water Supply Comments:

On May 27, 2024, Water Resource Officer Erin GOOSE inspected the Water Treatment Plant in Tulita, NT. The Water Treatment Plant operator Greg MCDONALD was present as well as Assistant Maintenance Foreman Jason AYA. When arriving at the site, Officer GOOSE had asked to see the Water License to see if they had it available. Greg confirmed that he will be printing one off and keeping it handy for future reference.

Part C: Condition 2. The annual quantity of Water used for all purposes shall not exceed 21,300 cubic metres.

- The Annual quantity of water used was calculated to 9125 cubic meters per year, which is well below the exceedance amount.

Part C: Condition 3. The Licensee shall equip and maintain the Water intake line with a screen designed to prevent impingement and/or entrainment of fish.

- Greg had confirmed that the water intake line has a fish screen designed to prevent impingement and/or entrainment of fish. No spills were reported in the Water Intake area and a Spill Kit was readily available on site. Greg confirmed that Chlorine is added to the water with the metered water device.



WATER USE INSPECTION REPORT

WASTE DISPOSAL – SEWAGE

Disposal Method		Sewage Truck to Lagoon					
Mechanical	No	Camp Sump	No	Natural Water Body	Yes	Wetland Treatment	No
Continuous Discharge	No	Intermittent Discharge	No	Seasonal Discharge	No	Land Spread	No
Accelerated Biological	No	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	A	Sludge Disposal Method	N/I		
Periods Of Discharge	Natural lake – Exfiltration			SNP Samples Collected	No
Effluent Discharge Rates	N/A				

Sewage Comments:

Sewage Lagoon SNP Sampling Stations: Two SNP sampling stations (SNP 2015-15 & SNP 2015-17) located at the Sewage Disposal Facility were noted as not having been recently sampled, or monitored. This highlights a gap in monitoring activities for these specific locations.

Jason Ayah, the Assistant Maintenance Foreman, has confirmed that he will take charge of monitoring the SNP stations at the Sewage Disposal Facility moving forward. This ensures accountability and regular oversight of these critical monitoring points.

It was noted during the inspection that SNP signage has not been installed. Part B: Condition 10 of the license requires that all necessary signage be posted. Clearly marking the SNP sampling stations and license facilities will aid in monitoring efforts and compliance.

The Sahtu Land and Water Board has requested GPS coordinates of all SNP station locations in Tulita. Part B: Condition 4 of the license SNP requires This request aims to accurately document and map the locations to ensure representative monitoring and better regulatory oversight .

ECC has created a map showing all SNP locations has been included in this inspection report. This map provides a visual reference and comprehensive overview of where SNP monitoring is conducted throughout the area.



WATER USE INSPECTION REPORT

WASTE DISPOSAL – SOLID WASTE

Disposal Method		Open dump					
Open Dump	Yes	Landfill	No	Burn & Landfill	No	Underground	No
Offsite Removal	No	Other					
Owner / Operator	Hamlet of Tulita						

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

Runoff Diversion	A	SNP Samples Collected	No
------------------	---	-----------------------	----

Solid Waste Comments:

The overall condition of the solid waste area was reported to be in good standing.

During the inspection, it was noted that there were three bears present in the Residential Waste area. This highlights a serious safety concern regarding wildlife interaction for users and staff at the facility. The Hamlet must maintain and energize the perimeter wildlife deterrent fencing and properly manage the facility to limit wildlife attractants. This includes more frequent cover and compaction of Residential waste to reduce odours and prevent wildlife scavenging and windblown debris. Hazardous wastes can also be a wildlife attractant and requires secure storage and regular shipment for off-site disposal. Inspector GOOSE recommended that the existing deterrent fencing be maintained and energized to avoid wildlife scavenging and interactions.

Jason Ayah was advised to update the signage in the Hazardous Waste area and to maintain and fortify the perimeter fencing. This will improve safety measures and ensure compliance with hazardous waste handling protocols.

Implementing these management actions will ensure a proactive approach to addressing safety and compliance issues within the waste management facilities. Enhancing signage and fencing can help mitigate risks associated with hazardous materials and wildlife encounters, ensuring a safer environment for both personnel and the surrounding community.



WATER USE INSPECTION REPORT

SURVEILLANCE NETWORK PROGRAM

Samples Collected Licencee	Hamlet staff collects raw water samples at the Water Intake Facility regularly
Samples Collected ENR	No

Signs Posted:    SNP	No	Warning	Yes
----------------------	----	---------	-----

Surveillance Network Program Comments:

The Hamlet has been actively locating and updating signage for all SNP sampling locations. This initiative ensures that these sites are properly identified and compliant with monitoring requirements.

**Water Intake Area:** Regular sampling of the Water Intake area has been conducted by Greg MCDONALD at the Water Treatment Facility. This regular sampling is crucial for monitoring water quality and ensuring a safe potable water supply.

**SNP Station Location Map Uploaded:** A map showing all SNP sampling locations has been uploaded to the Sahtu Land and Water Board (SLWB) website. This map provides transparency and accessibility to the community and stakeholders regarding the locations involved in environmental monitoring under the license SNP.

These actions demonstrate a commitment to environmental stewardship, regulatory compliance, and public transparency. By updating signage, conducting regular sampling, and sharing information via the SLWB website, the community and regulatory bodies are informed and engaged in environmental monitoring efforts.

GENERAL CONDITIONS/REPORTS/PLANS

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

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

General Condition Comments:

The general conditions of the area are reported to be in good standing, indicating that overall compliance and conditions are satisfactory.

**Waste Management at the SWDF and Wildlife:**The Hamlet is expected to take measures to address the wildlife issues at the solid waste facility by implementing the recommened management actions noted above and ensuring facility mainatenance issues are completed.

**Surveillance Network Program Sampling Stations:** Signage needs to be updated to include information about the Surveillance Network Program sampling stations. This likely involves ensuring



WATER USE INSPECTION REPORT

that the signage accurately reflects the locations and purpose of these stations for monitoring environmental conditions.

**Solid Waste Area Signage:** Signage in the Solid Waste Area also needs updating. This could involve improving visibility, updating information, or ensuring compliance with regulations related to waste management.

**Annual Report:** SAO Samantha Bayha has been actively working on the Annual Report. This report will summarize activities, compliance, and other relevant information for submission to the Sahtu Land and Water Board.

**Annual Water Licence Reports:** A letter has been sent to the Sahtu Communities dated May 12, 2023, regarding Annual Water Licence Reports. This communication is to remind or notify stakeholders about the requirement to submit their reports related to water licences.

Working on these administrative items indicate a proactive approach to better management, regulatory compliance, and community engagement in the area overseen by SAO Samantha Bayha. Each task plays a crucial role in ensuring environmental sustainability and adherence to legislative requirements.

Inspector's Signature: 





WATER USE INSPECTION REPORT

INSPECTION IMAGES

Figure 1

Entrance to the Solid Waste Facility-Tulita



Figure 2

Solid Waste Facility







WATER USE INSPECTION REPORT

Figure 3  
Sewage Lagoon pump out



Figure 4  
Water Intake Pipe to the Water Intake Facility from Great Bear River







WATER USE INSPECTION REPORT

Figure 5  
Solid Waste Facility-Residential Waste



Figure 6  
Water Intake Facility-Inside







WATER USE INSPECTION REPORT

Figure 7

Water Intake Pipe towards the Great Bear River below water treatment plant

