



WATER USE INSPECTION REPORT

Telephone: 867-767-9187 ext. 24193

Fax: 867-873-6230

July 8, 2024

Community Government of Wekweètì

Box 69

Community of Wekweètì, NT X0E 1W0

Attention: Senior Administrative Officer – Fred Behrens

File Number **W2017L3-0001**
Type of Operation **CLASS B - MUNICIPAL**
Location **Wekweètì, NT**

Dear Mr. Fred Behrens,

An inspection of the above noted operation was conducted on June 6, 2024 by Water Resource Officers Meaghan MacIntyre-Newell and Nahum Lee. Enclosed is a copy of the Water Licence Inspection Report. If you have any questions or concerns, please contact me at 867-767-9187 ext. 24193.

Sincerely,

Meaghan MacIntyre-Newell
Water Resource Officer
Environment and Climate Change
North Slave Region

Cc: Scott Stewart – North Slave Regional Superintendent - ECC
Wendy Bidwell – Senior Water Resource Officer – ECC
Roberta Judas – Regulatory Technician – WLWB
Rick Walbourne – Water Resources Manager – ECC

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LICENCE #:	W2017L3-0001	EXPIRY DATE:	September 22, 2027
LICENCEE:	Community Government of Wekweètì	PREVIOUS INSPECTION:	March 28, 2024
COMPANY REP:	Fred Behrens	INSPECTION DATE:	June 6, 2024

WATER SUPPLY

Source:	Snare Lake	Quantity Used:	1,017.99 m ³
Owner/Operator:	Community Government of Wekweètì	Meter Reading*:	19,278.46 m ³

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	N/I	Pumping Stations	A	Chem. Storage	A
						Modifications	N/A

Water Supply Comments:

The water intake facilities were inspected and found to be in good condition. All meters were operational and logbooks were up-to-date (Figure 1).

*It is noted that the meter reading represents the total water used at the facility and not the annual water usage. A total of 1,017.99 m³ of water had been used since the last Inspection conducted on March 28, 2024. This volume is below the maximum annual water use, 10,000 m³, allowed by Part C, Condition 3 of the Licence.

WASTE DISPOSAL – SEWAGE

Disposal Method		Natural Wetland					
Mechanical	No	Camp Sump	No	Natural Water Body	No	Wetland Treatment	Yes
Continuous Discharge	No	Intermittent Discharge	No	Seasonal Discharge	No	Land Spread	No
Accelerated Biological	No	Other					



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

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

Sewage Comments:

The sewage disposal facility was operational and in good condition. An SNP sample was collected at the discharge from the natural wetland into the receiving environment at SNP Station 001-3.

WASTE DISPOSAL – SOLID WASTE

Disposal Method		Landfill					
Open Dump	No	Landfill	Yes	Burn & Landfill	No	Underground	No
Offsite Removal	No	Other					
Owner / Operator	Community Government of Wekweètì						

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

Runoff Diversion	N/A	SNP Samples Collected	No
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Solid Waste Comments:

When the landfill was inspected, good separation of waste was noted. The CGB has been placing cover at regular intervals to reduce windblown waste at the facility (Figure 2). Hazardous and recycled material have been segregated and organized in preparation for diversion from the landfill (Figure 3). It was noted that some appliances and propane tanks are not stored with the items for diversion but should be included one depolluted (Figure 4 and Figure 5).

SURVEILLANCE NETWORK PROGRAM

Samples Collected Licencee	No
Samples Collected ENR	Yes

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

An SNP sample was collected at SNP Station 001-3, at the outflow of the sewage lagoon into Snare Lake. All sample results met Effluent Quality Criteria as per Part D, Condition 5 of the Licence. Sample results can be found in Attachment 1.

GENERAL CONDITIONS/REPORTS/PLANS

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

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

General Condition Comments:

All reports for the previous open water season have been submitted. At the time of Inspection, the Annual Report has not been submitted. Please submit as soon as possible.

Part B, Condition 4 of the Licence requires the Licensee to comply with the SNP annexed to the Licence. The Inspector notes that SNP sampling is required during periods of flow. The CGW is now ice-free and SNP sampling must begin and continue as long as flow is happening.

NON-COMPLIANCE/VIOLATIONS OF ACT OR LICENCE

- Part B, Condition 2:** Prior to March 31 of the year following the calendar year reported, the Licensee shall file an Annual Report with the Board. The Annual Report shall contain the information set out in Schedule 1

Explanatory Remarks: The 2023 Annual Report has not been submitted to the Board as of June 6, 2024. The Community Government of Wekweètì must submit the 2023 Annual Report as soon as possible.



Inspector's Signature: _____



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INSPECTION IMAGES

Figure 1. Log Book.

Wekweeti Water Treatment Plant Daily Checklist										Month: June	Year: 20			
Date	Check HMI for any new alarms	Process Water Turbidity Reading AIT-320-1	EQ Tank Turbidity Reading AIT-354	Check Building Temperature Set Point	Safety			Chlorine System		Maintenance			Bi-Weekly Genet. Test, Trip Main Breaker	Initials
					Check fire Extinguisher	Entrance is clear of slips and fall hazards	Plant floor is clear of spills or garbage	Check chlorine pumps for leaks	Sodium Hypochlorite Barrel Level	Check piping for any leaks	Check air compressor for unusual noise or vibration	Remove any corrosion from piping or instruments		
1	245324.000	✓	✓	✓	✓	✓	✓	✓	12.0	15.0	✓	✓	✓	RS
2									12.0	15.0	✓	✓	✓	RS
3	245714.000	✓	✓	✓	✓	✓	✓	✓	12.0	15.0	✓	✓	✓	RS
4	246005.000	✓	✓	✓	✓	✓	✓	✓	12.0	15.0	✓	✓	✓	RS
5	246317.000	✓	✓	✓	✓	✓	✓	✓	12.0	15.0	✓	✓	✓	RS
6									12.0	15.0				
7									12.0	15.0				
8									12.0	15.0				
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26									12.0	15.0				
27									12.0	15.0				
28									12.0	15.0				
29									12.0	15.0				
30									12.0	15.0				
31									12.0	15.0				

Figure 2. Landfill.





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Figure 3. Stockpiled Waste for Diversion.



Figure 4. Appliances for Diversion.





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Figure 5. Propane Takes on Landfill Access Road.



Figure 6. SNP Station 001-3.





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ATTACHMENT 1 SAMPLE RESULTS

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Taiga Environmental Laboratory

4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9

Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.:
240729

- CERTIFICATE OF ANALYSIS -

Client Sample ID: **001-3**

Taiga Sample ID: **003**

Client Project: W2017L3-001

Sample Type: Freshwater

Received Date: 07-Jun-24

Sampling Date: 06-Jun-24

Sampling Time:

Location: Wekweeti, SNP

Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
<u>Inorganics - Nutrients</u>						
CBOD	< 2	2	mg/L	07-Jun-24	TEL019	81
<u>Inorganics - Physicals</u>						
Solids, Total Suspended	19	3	mg/L	11-Jun-24	TEL008	
<u>Microbiology</u>						
Coliforms, Fecal	< 1	1	CFU/100mL	07-Jun-24	TEL017	
<u>Organics</u>						
Hexane Extractable Material	< 2.0	2	mg/L	17-Jun-24	TEL072	

ReportDate: June 26, 2024

Print Date: **June 26, 2024**