



Telephone: 867-767-9187 ex.24187
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August 9, 2024

Tlicho Community Government of Gameti
Box 1
Gameti, NT X0E 1R0

Attention: Sherbaz Muhammad, SAO

File Number	W2018L3-0001
Type of Operation	CLASS B - MUNICIPAL
Location	Gamètì, NT

Dear Mr. Sherbaz Muhammad,

An inspection of the above noted operation was conducted on June 06th, 2024 by Water Resource Officers Meaghan MacIntyre-Newell and Nahum Lee. Enclosed is a copy of the municipal water use inspection report.

Some concerns were noted during the inspection. Please see the attached report for additional detail. If you have any questions, please contact me at 867-767-9187 ext. 24193.

Sincerely,

Nahum Lee
Water Resource Officer
Environment and Climate Change
North Slave Region

Cc: Scott Stewart – North Slave Regional Superintendent – ECC
Meg MacIntyre-Newell – North Slave Regional WRO – ECC
Wendy Bidwell – Senior WRO - ECC
Roberta Judas – Regulatory Technician – WLWB



WATER USE INSPECTION REPORT

LICENCE #:	W2018L3-0001	EXPIRY DATE:	December 21 st , 2028
LICENCEE:	Tłıchǫ Community Government of Gamètì	PREVIOUS INSPECTION:	March 12 th , 2024
COMPANY REP:	Sherbaz Muhammad	INSPECTION DATE:	June 06 th , 2024

WATER SUPPLY

Source:	Rae Lakes	Quantity Used:	Unknown
Owner/Operator:	Community Government of Gameti	Meter Reading:	42 134m ³

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

Intake Facilities	A	Storage Structures	N/I	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:

The water supply facilities were inspected and no major issues were noted. Meters were operational (Photo 2). Sensors were all online, log books were being filled out (Photo 2), and chemicals were stored appropriately.

WASTE DISPOSAL – SEWAGE

Disposal Method		Lagoon					
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	Exfiltration Lagoon				

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

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

Sewage Comments:

The lagoon appeared to be in working order. Photo 3 shows the truck outfall. The cells, especially cell 2, appear to be growing over and may require brushing during future operations. Inspectors collected



WATER USE INSPECTION REPORT

a sample at Gameti (Rae Lake) downstream of the sewage disposal facility (Photo 4) and results indicate that the sewage disposal system is providing sufficient source water protection.

WASTE DISPOSAL – SOLID WASTE

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

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:
The landfill was inspected and no major concerns were identified at this location. KBL was on site conducting waste segregation efforts to remove hazardous wastes from the main waste stream (Photos 5-8).

SURVEILLANCE NETWORK PROGRAM

Samples Collected Licencee	SNP 003-3
Samples Collected ENR	No

Signs Posted: SNP	Improvement Required	Warning	Yes
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Surveillance Network Program Comments:
Sample results indicate proper source water protection. Results are attached to this report for your reference.

GENERAL CONDITIONS/REPORTS/PLANS

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

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

General Condition Comments:
There are several outstanding reports, including the 2022 Annual Report and 2023 SNP Reports. Please contact Roberta Judas with any questions you have regarding the Annual Report.



WATER USE INSPECTION REPORT

NON-COMPLIANCE/VIOLATIONS OF ACT OR LICENCE

1. **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 WLWB as of August 9th, 2024.

2. **Part B, Condition 5:** The Licensee shall comply with the Surveillance Network Program, which is annexed to and forms part of this Licence, and any amendment to the Surveillance Network Program as may be made by the Board.

Explanatory Remarks: The Community Government of Gamètì remains out of compliance. Proper SNP sampling is not occurring.

Inspectors Signature:

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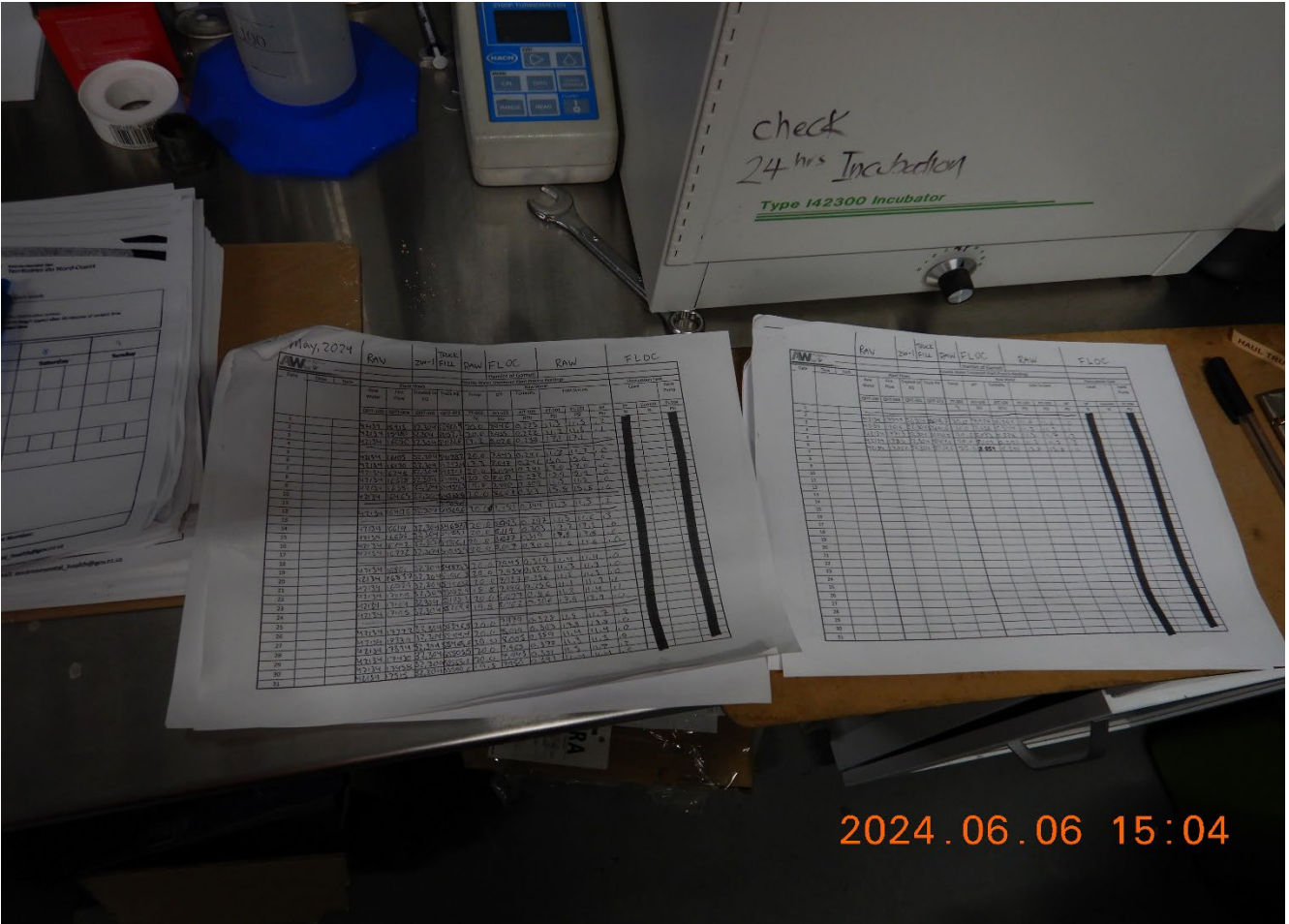


WATER USE INSPECTION REPORT

Photo 1: Raw water meter.



Photo 2: Logbook.





WATER USE INSPECTION REPORT

Photo 3: Sewage truck outfall.



Photo 4: SNP-003-3 at Gameti.



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WATER USE INSPECTION REPORT

Photo 5: White goods appliances and bulky items are being removed from the waste stream for recycling.



Photo 6: Wastes are being sorted and hazardous wastes are being removed from the waste stream.



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WATER USE INSPECTION REPORT

Photo 7: Vehicles are being organized and hazardous wastes are being removed.



Photo 8: Hazardous wastes are being collected and stored for removal from the community.





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: **SNP-3**

Taiga Sample ID: **001**

Client Project:

Sample Type: Sewage

Received Date: 07-Jun-24

Sampling Date: 06-Jun-24

Sampling Time: 14:00

Location: Gameti SNP

Report Status: Final

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
<u>Inorganics - Nutrients</u>						
Ammonia as Nitrogen	< 0.005	0.005	mg/L	13-Jun-24	TEL068	
Biochemical Oxygen Demand	< 2	2	mg/L	07-Jun-24	TEL019	81
CBOD	< 2	2	mg/L	07-Jun-24	TEL019	81
Chemical Oxygen Demand	8	5	mg/L	14-Jun-24	TEL016	
Nitrogen, Total	0.47	0.06	mg/L	13-Jun-24	TEL066	
Organic Carbon, Total	5.8	0.5	mg/L	21-Jun-24	TEL033	
Phosphorous, Total	0.005	0.002	mg/L	12-Jun-24	TEL069	
<u>Inorganics - Physicals</u>						
Chlorine, Total	0.02	0.01	mg/L	07-Jun-24	TEL049	
Conductivity, Specific (@25C)	331	0.4	µS/cm	07-Jun-24	TEL059	
pH	8.04		pH units	07-Jun-24	TEL058	
Solids, Total Suspended	9	3	mg/L	11-Jun-24	TEL008	
Turbidity	0.53	0.05	NTU	07-Jun-24	TEL006	
<u>Major Ions</u>						

ReportDate: June 26, 2024

Print Date: *June 26, 2024*

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

Taiga Batch No.:
240729

- CERTIFICATE OF ANALYSIS -

Client Sample ID: **SNP-3**

Taiga Sample ID: **001**

Chloride	6.6	0.7	mg/L	08-Jun-24	TEL055
Fluoride	0.1	0.1	mg/L	08-Jun-24	TEL055
Nitrate as Nitrogen	0.10	0.01	mg/L	08-Jun-24	TEL055
Nitrite as Nitrogen	< 0.01	0.01	mg/L	08-Jun-24	TEL055
Sulphate	51	1	mg/L	08-Jun-24	TEL055

Microbiology

Coliforms, Fecal	4	1	CFU/100mL	07-Jun-24	TEL017
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Organics

Hexane Extractable Material	< 2.0	2	mg/L	17-Jun-24	TEL072
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Trace Metals, Total

Mercury	0.02	0.01	µg/L	18-Jun-24	TEL035
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