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February 22, 2021

File: W2018L3-0001

Memory Murefu
SAO, Community Government of Gamètì
P.O. Box 1
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X0E 1W0

sent by email

Dzẹ nezı Memory,

Reminder: Upcoming Annual Report and SNP Sampling

This is a reminder that the Community of Gamètì's Annual Report, as required under Part B, condition 2 of Water Licence (W2018L3-0001), is due on March 31, 2021.

The Annual Report Template for the Community of Gamètì is attached to this letter for your convenience. The Annual Report Template includes tables to allow for easier data entry of the 2020 Surveillance Network Program results. Please let us know by March 15, 2021 if you anticipate not being able to submit the Report on time.

We would also like to set up a teleconference meeting for early April to discuss the community's Surveillance Network Program for 2021 and set dates for upcoming sampling training. Please contact us to set up a meeting. A friendly reminder that sampling bottles need to be ordered two weeks in advance of each sampling date.

We are happy to answer any questions regarding your reporting requirements or the template provided; please contact Jessica Pacunayen at (867) 765-4591 or by email.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Anneli Jokela".

Anneli Jokela
Regulatory Manager

A handwritten signature in black ink, appearing to read "Jessica Pacunayen".

Jessica Pacunayen
Regulatory Specialist

Attached: Annual Report Template

Copy to: Heather Beck and David-Scott McQuinn, GNWT-ENR Water Resource Officers; Alison Brown, GNWT-MACA Regional Superintendent for the North Slave Region; Anneli Jokela and Jessica Pacunayen, WLWB Staff

Municipal Water Licence Annual Report

Community Government of Gamètì

Licence #: W2018L3-0001

Reporting year:

Expires: December 21, 2028

= please fill out

The Licensee shall file an Annual Report with the Board not later than March 31st of the year following the calendar year reported which shall contain the following information:

1. Water Usage (Schedule 1, Condition 1a) (Licensed Water Volume Withdrawal: 12,000 m ³)			
Total volume withdrawn for reporting year (m ³):			
Table 1: Monthly & Annual withdrawal volumes pumped (SNP 003-1)			
Month	Volume from main source (m ³)	Volume from any other source (m ³)	TOTAL Volume (m ³)
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
TOTALS			
% Increase/decrease from previous year			
Reasons for increase/decrease:			
Reasons for exceeding licensed withdrawal volumes (if applicable):			
General information (e.g. information regarding any modifications to the water withdrawal procedure or facilities should be included here. If necessary, please attach any relevant reports to the end of this document):			

2. Solid Waste Disposal (Schedule 1, Condition 1b)

Approximate total yearly volume of solid waste deposited: _____ m³

Table 2: Monthly solid waste disposal volumes

Month	Volume of solid waste deposited (m ³)
January	
February	
March	
April	
May	
June	
July	
August	
September	
October	
November	
December	
TOTALS	
% Increase/decrease from previous year	

GNWT – MACA has provided a standard formula for estimating the amount of solid waste deposited into a Solid Waste Facility in the absence of a metered Garbage Truck. The following can be used: Volume per person per day X number of days X population

e.g. 0.015 m³ X 30 days X 860 people = 387 m³ of domestic trash deposited into the Solid Waste Facility in a 30 day month

Reasons for increase/decrease (e.g. an industrial project close to Gamètì or a large influx of people into town):

General information (e.g. information regarding any agreements with outside organizations to be a waste receiving facility should be outlined here along with an estimate of the amount and type of waste to be received):

3. Sewage Deposited to Primary Sewage Cells/Detention Ponds (Schedule 1, Condition 1c,g, & k)

Table 3: Monthly sewage waste volumes deposited

Month	Volume of sewage waste deposited (m ³)		
	Pumper Truck	Utilidor	TOTAL
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
TOTALS			
Is this an estimated volume?		YES	NO
% Increase/decrease from previous year			

To calculate monthly sewage waste deposited to the Primary Lagoon, please provide the above information if metered information is available. If metered information is not available, please fill in the table using the corresponding TOTAL water volumes from Table 1. This provides estimation only and equals water in/sewage out.

Reasons for increase/decrease (e.g. an industrial project close to Gamètì or a large influx of people into town):

Approximate volume of sludge in the Primary Sewage Cells/Detention Ponds for reporting year: (m³)

Has any sludge been removed from the sewage lagoon or from Rae Lakes during this reporting year? If so, what volume of sludge was removed? What testing was completed on the sludge and where it was disposed of? Please provide documentation for testing and GNWT Water Licence Inspector approval of placement.

Was there any decanting at Rae Lakes this reporting year? Please provide dates. What was the decant duration and the approximate volume decanted? As this is a Surveillance Network Program (SNP) site, the resulting testing is to be presented as part of the tabular SNP data to be provided as per the Water Licence.

4. Problems, modifications or repairs completed during the year on water supply and waste disposal facilities (Schedule 1, Condition 1d)

Include any work done to infrastructure for all facilities completed during the year in this section. This includes any changes, repairs and modifications. If any problems occurred during the year, please note them here. If there are no changes, make note of that. If required, please attach any as-built drawings or reports as appendices to this report.

Facility	Problems	Modifications/Repairs done in the previous year to address problems
<i>Water Treatment Facility</i>		
<i>Solid Waste Facility</i>		
<i>Wastewater Facility</i>		
<i>Other Facility (please specify):</i>		

5. Surveillance Network Program Data (Schedule 1, Condition 1e)

Surveillance Network Program (SNP) information is to be submitted in a tabular format and shall indicate date of testing, parameters tested for and any other information requested by the GNWT Water Licence Inspector or the WLWB. [Laboratory results should be summarized. A results table has been provided on the next page for your convenience].

Surveillance Network Program Lab Results Summary

	Sewage Effluent at the outflow of the lagoon					Rae Lake at outflow of the wetland					Runoff from domestic solid waste disposal site						
	EQC	SNP 003-2				EQC	SNP 003-3				SNP 003-4						
		June	July	Aug	Sept		Oct	June	July	Aug	Sept	Oct	June	July	Aug	Sept	Oct
Ammonia-Nitrogen (mg/L)												Not required for SNP 003-4					
BOD ₅ (mg/L)																	
CBOD (mg/L)	235					25											
pH	6-9					6-9											
Suspended Solids (mg/L)	240					25											
Faecal Coliforms (CFU/100mL)	1 x 10 ⁶					1 x 10 ⁶						Not required for SNP 003-4					
Oil and Grease* (mg/L)	5					5											
Total Mercury (µg/L)																	
Aluminum (µg/L)																	
Arsenic (µg/L)																	
Barium (µg/L)																	
Boron (µg/L)																	
Cadmium (µg/L)																	
Chromium (µg/L)																	
Copper (µg/L)																	
Iron (µg/L)																	
Lead (µg/L)																	
Manganese (µg/L)																	
Molybdenum (µg/L)																	
Nickel (µg/L)																	
Selenium (µg/L)																	
Strontium (µg/L)																	
Uranium (µg/L)																	
Zinc (µg/L)																	

Not required for SNP 003-2 and 003-3

6. Unauthorized discharges (Schedule 1, Condition f)

List any unauthorized discharges here including any spills, how and when they were reported, and how they were cleaned up. Please attach copies of spill reports, correspondence with the GNWT Water Licence Inspector or any other pertinent documentation as appendices to this report.

7. Spill Training and Communications Exercises (Schedule 1, Condition 1h)

List any spill training and communications exercises that have been carried out including courses on spills prevention, waste management, SNP sampling, etc.

8. Closure and Reclamation (Schedule 1, Condition 1i)

Include any closure and reclamation details here including any work anticipated to be completed during the next year. If required, please attach any as-built drawings or reports as appendices to this report.

9. Studies requested by the Board (Schedule 1, Condition 1j)

If the Board has requested that specific studies be completed, include details of the plan in this section with a summary of the outcome. Include any attachments with the submission of the Annual Report.

10. Updates or revisions to approved plans (Schedule 1, Condition 1l)

Details on any changes to approved plans such as the O&M Plan, the Closure and Reclamation Plan, the Spill Contingency Plan, or any other that is specific to this Municipal Water Licence. Please attach documents as appendices to this report.

11. Other Information (Schedule 1, Condition 1m)

- Include any other details on Water use or Waste disposal requested by the Board by November 1st of the year being reported
- Include any other information here that may be valuable to the WLWB or to GNWT.
- Please include any non-compliance items identified in the GNWT Water Licence Inspection report and detail how the Community Government of Gamètì is addressing them.
- If there are any contaminated soil piles currently in use (land farming), please list the details of containment, remediation and progress in this section.
- Please identify any on-going compliance issues for the Community Government of Gamètì. This can facilitate discussions to resolve the issues.

An action plan template for each facility is provided below for the Community's convenience. Please feel free to add more rows as necessary.

Compliance issues/Future Studies/Upgrades/Work related to	Plan	Timeline
<i>Water Treatment Facility</i>		
<i>Solid Waste Facility</i>		
<i>Wastewater Treatment Facility</i>		
<i>Other (please specify):</i>		

