

## Municipal Water Licence Annual Report

### Community Government of Wekweeti

Licence #: W2007L3-0001

Reporting year: 2021

Expires: September 27, 2027

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

**1. Water Usage** (Licensed Water Volume Withdrawal: 10,000 m<sup>3</sup>)

Total volume withdrawn for reporting year: 4,634 m<sup>3</sup>

**Table 1: Monthly & Annual withdrawal volumes pumped (SNP 001-1)**

Month	Volume from main source (m <sup>3</sup> )	Volume from any other source (m <sup>3</sup> )	TOTAL Volume (m <sup>3</sup> )
January	400,842.40		400.84240
February	387,682.10		387.68210
March	394,852.00		394.85200
April	352,027.10		352.02710
May	418,805.70		418.80570
June	393,054.00		393.05400
July	404,884.90		404.88490
August	364,548.70		364.54870
September	379,540.50		379.54050
October	394,633.20		394.63320
November	339,623.50		339.62350
December	403,884.20		403.88420q
TOTALS	4,634,378.30		4634.37830
% Increase/decrease from previous year	-5.7%		-5.7%

Reasons for increase/decrease:

**New water plant came online with better metering equipment.**

Reasons for exceeding licenced withdrawal volumes (if applicable): **N/A**

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): **N/A**

## 2. Solid Waste Disposal

Approximate total yearly volume of solid waste deposited: 4,634 m<sup>3</sup>

**Table 2: Monthly solid waste disposal volumes**

Month	Volume of solid waste deposited (m <sup>3</sup> )
January	68.50
February	68.50
March	68.50
April	68.50
May	68.50
June	68.50
July	68.50
August	68.50
September	68.50
October	68.50
November	68.50
December	68.50
TOTALS	822
% Increase/decrease from previous year	9.9%

*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 m<sup>3</sup> X 30 days X 860 people = 387 m<sup>3</sup> 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 Wekweeti or a large influx of people into town): **Same as .....**

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): **N/A**

### 3. Sewage Deposited to Primary Sewage Cells

**Table 3: Monthly sewage waste volumes deposited**

Month	Volume of sewage waste deposited (m <sup>3</sup> )		
	Pumper Truck		TOTAL
January	400,842.40		400.84240
February	387,682.10		387.68210
March	394,852.00		394.85200
April	352,027.10		352.02710
May	418,805.70		418.80570
June	393,054.00		393.05400
July	404,884.90		404.88490
August	364,548.70		364.54870
September	379,540.50		379.54050
October	394,633.20		394.63320
November	339,623.50		339.62350
December	403,884.20		403.88420
TOTALS	4,634,378.30		4,634.37830
Is this an estimated volume?			
			<b>YES</b>
			<b>NO</b>
<b>Volume based on water consumption</b>			
% Increase/decrease from previous year	-5.7%		-5.7%

*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 Wekweeti or a large influx of people into town): **This is a normal decrease, goes with the water consumption volume changes**

Has any sludge been removed from the primary sewage cells or from Snare Lake 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. **No sludge was removed, and no testing has been completed**

Was there any decanting at Snare Lake 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 [Part B(1)(d)]. **No decanting of Snare Lake occurred during the reporting year of 2020**



**4. Problems, modifications or repairs completed during the year on water supply and waste disposal facilities**

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 an appendices to this report. [Wekweeti water plant is online.](#)

**5. Surveillance Network Program Data**

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 below for your convenience. Note: it is possible to copy/paste from Excel into Word provided the same number of cells are selected in each table].

[N/A](#)

**6. SNP Sample Locations**

**7. Unauthorized discharges**

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 an appendices to this report.

**8. Spill Training and Communications Exercises**

List any spill training and communications exercises that have been carried out including courses on spills prevention, waste management, SNP sampling, etc. **community government employees were trained on sampling procedures and practical illustrations on how to collect samples at the SNP sample location**

**9. Closure and Reclamation**

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 an appendices to this report.

**N/A**

**10. Studies requested by the Board**

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.

**N/A**

**11. Updates or revisions to approved plans**

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. **None Identified**

**12. Other Information**

- Include any other information here that may be valuable to the WLWB or to GNWT. **N/A**
- Include details on upcoming studies that will be completed. **None at the moment**
- Please include any non-compliance items identified in the GNWT Water Licence Inspection report and detail how the Community Government of Wekweeti is addressing them. **None Identified**
- If there is any contaminated soil piles currently in use (land farming), please list the details of containment, remediation and progress in this section. **Non for 2021**
- Please identify any on-going compliance issues for the Community Government of Wekweeti. This can facilitate discussions to resolve the issues.