

Municipal Water Licence Annual Report

Hamlet of Tulita
License # S16L3-001
Reporting year: 2023

1. Water Usage

Total yearly volume withdrawn: 17236.5 cubic metres

Table A – Monthly withdrawal volumes

Month	Volume from source (m3)
January	1455.17
February	1338.85
March	1406.48
April	1281.18
May	1540.76
June	1442.4
July	1428.4
August	1481.02
September	1499.3
October	1487.61
November	1499.2
December	1376.15
TOTALS	17236.5

Solid Waste Disposal

Total yearly volume of solid waste deposited: 2901.75 cubic metres

Table B – Monthly solid waste disposal volumes

Month	Volume of solid waste deposited (m3)
January	246.45
February	222.60
March	246.45
April	238.50
May	246.45
June	238.50
July	246.45
August	246.45
September	238.50
October	246.45
November	238.50
December	246.45
TOTALS	2901.75

Formula used: $0.015\text{m}^3 \times \text{days in a month} \times \text{population}$

The MACA formula has been used to estimate the amount of solid waste produced based on the number of days per month. Based on the NWT Bureau of Statistics, as of July 1, 2023, the population of the Hamlet of Tulita is 530.

- a. Has any solid waste been removed for the Solid Waste Disposal Facility this year? If so, state volume, frequency and disposal method and site:**

No waste has been removed in 2023.

- b. How much hazardous Waste was stored in the Temporary Hazardous Waste Storage Facility?**

No hazardous waste has been removed in 2023.

- c. Monthly and annual quantities in cubic meters of all solid Waste deposited by commercial and industrial operators working outside the municipal boundaries of the Hamlet of Tulita:**

No waste was deposited by commercial and industrial operators in 2023.

2. Sewage Disposal

Total yearly volume deposited: 17236.5 cubic metres

Table C – Monthly Sewage discharge volumes

Month	Volume of raw sewage discharged (m3)
January	1455.17
February	1338.85
March	1406.48
April	1281.18
May	1540.76
June	1442.4
July	1428.4
August	1481.02
September	1499.3
October	1487.61
November	1499.2
December	1376.15
TOTALS	17236.5

The contents of Table C are estimates based on monthly water usage volumes.

- a. Has any sludge removal been conducted this year? If so, state volume, frequency and disposal method and site:**

No, no sludge has been removed in 2023.

- b. State when the lagoon decanted this year. What was the frequency and volumes of the decant:**

No, the lagoon was not decanted in 2023.

- c. Monthly and annual quantities in cubic meters of all sewage deposited by commercial and industrial operators working outside the municipal boundaries of the Hamlet of Tulita:**

No sewage was deposited by commercial and industrial operators in 2023.

3. Modifications and/or major maintenance work carried out on the Water Supply and Waste Disposal Facilities, and work anticipated in the new year.

No modifications or major maintenance work occurred in 2023. KBL Environmental is conducting ongoing clean up including draining freon, removal of tires, and removal of vehicles. Tulita anticipates having this work completed in 2026.

4. SNP data

No SNP data was available for the 2023 reporting year.

5. Unauthorized discharges

No unauthorized discharges occurred during 2023.

6. Spill Training and Communication Exercises

No spill training or communication exercises were executed in 2023.

7. Construction Activities

No construction activities occurred in 2023. No construction work is anticipated in 2024.

8. Closure and reclamation

No closure or reclamation work was conducted in 2023. No planned closure or reclamation work is anticipated in the next year.

9. Studies requested by the Board

No studies were requested by the Board in 2023.

10. Updates or revisions to approved plans

No updates or revisions were made during 2023.