

Municipal Water Licence Annual Report

Hamlet of Paulatuk, NT
Licence # N7L3-1619
Reporting year 2012

1. Water Usage

Total yearly volume withdrawn: 13,076,121

Table 1 – Monthly withdrawal volumes

Month	Volume from source (m3 or l)	Volume from any other source (m3 or l)
January	1,060,065	0
February	1,038,198	0
March	1,108,763	0
April	1,023,828	0
May	1,076,092	0
June	1,053,841	0
July	1,183,611	0
August	1,117,429	0
September	1,071,119	0
October	1,199,612	0
November	1,015,599	0
December	1,125,964	0
TOTALS	13,074,121	0
% Increase from previous year	-0.95671	0

Reasons for increase / decrease (if applicable):

6 Vacant NWTCH houses due to mold

Reasons for exceeding licenced withdrawal volumes (if applicable):

Increased consumption – more housing units, increasing population

General information:

More houses being constructed this year.

2. Solid Waste and Sewage Disposal

Total yearly volume of sewage deposited: 12,849,556

Table 2 – Monthly sewage disposal volumes

Month	Volume of sewage deposited (m3 or l)
January	1,110,191
February	858,110
March	1,015,160
April	1,023,828
May	1,076,092
June	1,053,841
July	1,183,611
August	1,117,429
September	1,070,119
October	1,199,612
November	1,015,599
December	1,125,964
TOTALS	12,849,556
% Increase from previous year	-.940278

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

NIL

State when the lagoon decanted this year. What was the frequency and volumes of the decant:
Still Frozen – The Sewage Lagoon self-decants every spring.

3. Hazardous Waste Storage and Transportation

On Table 3, list the types of hazardous waste accepted into the facility with volumes if known.

Table 3 - Monthly hazardous waste storage

Month	Type of hazardous waste accepted (Volume if known in m3 or l)	Type of hazardous waste transported off-site (Volume in m3 or l)
January	0	0
February	0	0
March	0	0
April	0	0
May	0	0
June	0	0
July	0	0
August	0	0
September	0	0
October	0	0
November	0	0
December	0	0
TOTALS	0	0
% Increase from previous year	0	0

If hazardous waste has been transported off-site this year, please describe how it was transported and where the final destination was.

NIL

Please describe any changes or improvements to hazardous waste storage areas.

None accepted for the year as hazardous waste is still on site and segregated last July and August on site at the garage. Gerald Enns assisted with the segregation of hazardous wastes this winter with a plan to ship the waste out on the barge in September 2013.

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

*Include any changes to infrastructure to 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. **No changes.***

The Water source is fenced and the solid waste site is fenced to the extent that the fencing stops debris from flying around.

5. Abandonment and restoration

*Include any abandonment and restoration details here including and work anticipated to be completed during the next year. **No work contemplated this year.***

6. Unauthorized discharges

List any unauthorized discharges here, including any spills, how and when they were reported, and how they were cleaned up.

NIL

7. Updates or revisions to approved plans

Details on any changes to approved plans such as the Operating and Maintenance Plan (O&M plan) or any other that is specific to your Hamlet's Water Licence.

Plans specific to your licence:

- *Spill Contingency Plan – Plan dated February 25, 2011*
- *Sewage Treatment Plan Done by Mary Kelly –*
- *Municipal Solid Waste Operations and Maintenance Plan – no plan on file*
- *Abandonment and Restoration Plan – no plan on file*

See notes above

8. Studies requested by the Board

If the Board has requested that specific studies be completed or have asked for specific information be included in the annual report, include these details in this section. Include a summary of the study completed and the outcome. Include any attachments with the submission of the Annual Report. Include details any upcoming studies that will be completed by the Hamlet. Please include a copy or a summary of the studies completed.

NIL

9. Other Information

Include any other information here that may be valuable to the NWTWB or to INAC. . Please also include in this section non-compliance items identified in the inspection report and how the Hamlet is addressing them. If there is any contaminated soil piles currently in use, please list the details of containment, remediation and progress in this section. Ongoing issues with compliance can be identified here. If the NWTWB is aware of ongoing problems with the licence, discussions can occur to find a resolution. Please include any other details of water use or waste disposal as requested by the NWTWB.

NIL

10. SNP data

A condition of the Water Licence is the Surveillance Network Program (SNP). The SNP outlines the sampling requirements and frequency at monitoring stations. *In table 4, insert the sites where the Hamlet sampled this year and the sampling period (sampling date). Please attach the complete Taiga laboratory results, when sending your "Municipal Water Licence Annual Report" to the Northwest Territories Water Board.*

No SNP data on file – Hamlet will contact Taiga Lab to get materials and the testing will commence as required.

Table 4: Sampling station and sampling period

Sampling station	After break-up	Prior to freeze-up
	0	0
	0	0
	0	0
	0	0
	0	0

Samples done by Mary Kelly in early 2012 at the Sewage Lagoon but details unknown at this time – Unable to contact Mary Kelly for a copy of this report.