

**Municipal Water License Annual Report**

**Hamlet of Paulatuk**  
**License # N7L3-1619**  
**Reporting year 2010-2011**

**1. Water Usage**

Total yearly volume withdrawn: 12498808

Table 1 – Monthly withdrawal volumes

Month	Volume from source (m3 or l)	Volume from any other source (m3 or l)
January	859337	
February	925182	
March	961796	
April	770841	
May	1002413	
June	1081594	
July	1131813	
August	1059867	
September	1174679	
October	1067184	
November	1160886	
December	1303216	
<b>TOTALS</b>	<b>12498808</b>	
% Increase from previous year		

Reasons for increase / decrease (if applicable):  
 Increase in population

Reasons for exceeding licenced withdrawal volumes (if applicable):

General information:

**2. Solid Waste and Sewage Disposal**

Total yearly volume of sewage deposited: 12498808

Table 2 – Monthly sewage disposal volumes

Month	Volume of sewage deposited (m3 or l)
January	859337
February	925182
March	961796
April	770841
May	1002413
June	1081594
July	1131813
August	1059867
September	1174679
October	1067184
November	1160886
December	1303216
<b>TOTALS</b>	<b>12498808</b>
% Increase from previous year	

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

No sludge removal as Mary Kelly just takes test and so far they have been good.

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

No decanting done in our community.

**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		
February		
March		
April		
May		
June		
July 2010	15 Batteries	
August 2010	Old corroded fuel drums	
September		
October		
November		
December		
TOTALS		
% Increase from previous year		

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

No, hazardous waste have been transported out.

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

We have been separating each item: vehicles, fridges, snow machines, fuel drum and ATV's.

**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.*

We will have 8 foot fencing with a 20 foot double gate door and the same for the household garbage dump site.

**5. Abandonment and restoration**

*Include any abandonment and restoration details here including and work anticipated to be completed during the next year.*

No

**6. Unauthorized discharges**

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

No, no authorized discharge.

**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*
- *Sewage Treatment Plan*
- *Municipal Solid Waste Operations and Maintenance Plan*
- *Abandonment and Restoration Plan*

The Hamlet of Paulatuk has hired Arnold Ruben whose title is "Water Treatment Plant Operator/ Solid Waste/Waste Water Maintainer." This position was embedded together to allow better control and maintenance of the four areas and to assist with complying with the Water License and inspections.

We will be fencing the Solid Waste Site in this summer, as well as the Water Treatment Plant. The Hamlet Field Staff, with the guidance of the Foreman and WTP Operator have begun clean up and separation of the Solid Waste Site.

**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.*

?

**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.*

**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 attached the complete Taiga laboratory results, when sending your “Municipal Water Licence Annual Report” to the Northwest Territories Water Board.*

Table 4: Sampling station and sampling period

Sampling station	After break-up	Prior to freeze-up
Sewage Lagoon	June 2010	September 2011