

INUVIALUIT
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IMAKKUN



INUVIALUIT
WATER
BOARD



Hamlet of

Licence Number: N7L3-0714 (N5L3-0714 Current)

Municipal Water Licence

Annual Report

Date: April 26, 2016

Municipal Water Licence Annual Report

Hamlet of Tuktoyaktuk
Licence # N7L3- 0714 (N5L3-0714 Current)
Reporting year 2015

1. Water Usage

Total yearly volume withdrawn:

Table 1 – Monthly Withdrawal Volumes

Month	Volume from Source (m ³ or l)	Volume from any other Source (m ³ or l)
January	3,773,860 litres	
February	3,854,470	
March	4,379,450	
April	4,102,520	
May	3,805,500	
June	4,373,360	
July	4,291,500	
August	3,673,150	
September	4,237,180	
October	4,154,470	
November	4,354,070	
December	4,393,300	
TOTALS	49,391,830 litres	
% Increase from previous year	+3.2%	

Reasons for increase / decrease (if applicable):

- Increase is not significant – could be explained by seasonal variations in weather/usage

Reasons for exceeding licensed withdrawal volumes (if applicable):

- n/a

General information:

2. Solid Waste and Sewage Disposal

Total yearly volume of sewage deposited:

Table 2 – Monthly Sewage Disposal Volumes

Month	Volume of Sewage Disposed (m ³ or l)
January	3,773,860 litres
February	3,854,470
March	4,379,450
April	4,102,520

May	3,805,500
June	4,373,360
July	4,291,500
August	3,606,943
September	4,047,677
October	4,291,500
November	4,354,070
December	4,393,300
TOTALS	49,136,120
% Increase from previous year	

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

no

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

- **September 25, 2015.** There is currently no flow meter on the decant pump. RPM is set at 1500 on a 3" Berkley SAE Centrifuge Pump

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 m ³ or l)	Type of Hazardous Waste Transported Off-site (Volume in m ³ or l)
January	Nil report	n/a
February		
March		
April		
May		
June		
July		
August		
September		
October		
November		
December		
TOTALS	nil	
% Increase from previous year	n/a	

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

- No hazardous waste transported in 2015

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

- The temporary storage was moved to the Public Works Yard. We are currently developing a plan to dispose of all hazardous waste stored at the Yard in 2016 with assistance of a grant.

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

Include any changes to infrastructure of all facilities completed during the year, including any changes, repairs and modifications. Please note any problems that occurred during the year. If there are no changes, make note of that also.

- Nil

5. Closure and Reclamation

Include any closure and reclamation details including any work anticipated to be completed during the next year.

- Nil

6. Unauthorized discharges

List any unauthorized discharges here, including any spills, how and when they were reported, and method of clean 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 specific to your Water Licence.

- *Spill Contingency Plan – New Plan dated Feb. 2, 2016*
- *Sewage Disposal Facility Operation and Maintenance Plan- New Plan dated January 2016*
- *Municipal Solid Waste Disposal Operations and Maintenance Plan- New Plan dated January 25, 2016*
- *Hazardous Waste Management Plan – We are planning to develop this Plan in 2016*
- *Closure and Reclamation Plan- Planning is currently ongoing for development of a new landfill by 2020*

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 results. Include any attachments with the submission of the Annual Report. Include details of any upcoming studies that will be completed by the Hamlet. 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 IWB or to GNWT. Include in this section non-compliance items identified in the inspection reports and how the Hamlet is addressing them. If there are 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 IWB 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 IWB.

New Water Licence issued to Tuktoyaktuk April 15, 2016 to expire on November 20, 2018.

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 sampled this year and the sampling period (sampling date). Attach the complete Taiga laboratory results, with your "Municipal Water Licence Annual Report" to the Inuvialuit Water Board.*

Table 4: Sampling Station and Sampling Period

Sampling Station	After Break-Up	Prior to Freeze-Up
SNP-0714-2	Sept. 16/15 by Tiaga-Batch 150847	Oct. 14/15 – Batch No. 150995
SNP-0714-3	Sept. 16/15 – Batch 150847	October 15/15 – Batch 150995