

**2017 ANNUAL REPORT  
FOR THE HAMLET OF ARCTIC BAY, NUNAVUT**

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**YEAR BEING REPORTED: 2017**

The following information is compiled pursuant to the requirements of **Part B, Item 1** of Water License # 3BM-ARC1419 issued to the Hamlet of Arctic Bay, Nunavut.

- i) - iii) tabular summaries of all data generated under the “Monitoring Program”; monthly and annual quantities in cubic metres of freshwater obtained from all sources; monthly and annual quantities in cubic metres of each and all wastes discharged;

Attached are quantities of water used as reported in our On Tap Water Delivery System and the estimated discharge of sewage waste based on quantities used.

<b>Month Reported</b>	<b>Quantity of Water Obtained from all sources (litres)</b>	<b>Quantity of Sewage Waste Discharged (Estimated)</b>
<b>January</b>	<b>2,238,908.30</b>	<b>Same</b>
<b>February</b>	<b>1,673,508.60</b>	<b>Same</b>
<b>March</b>	<b>1,823,649.60</b>	<b>Same</b>
<b>April</b>	<b>1,703,189.20</b>	<b>Same</b>
<b>May</b>	<b>1,882,831.50</b>	<b>Same</b>
<b>June</b>	<b>1,813,234.30</b>	<b>Same</b>
<b>July</b>	<b>1,880,446.90</b>	<b>Same</b>
<b>August</b>	<b>2,219,069.60</b>	<b>Same</b>
<b>September</b>	<b>1,887,223.90</b>	<b>Same</b>
<b>October</b>	<b>1,910,598.70</b>	<b>Same</b>
<b>November</b>	<b>1,787,257.90</b>	<b>Same</b>
<b>December</b>	<b>1,853,590.80</b>	<b>Same</b>
<b>Annual Total</b>	<b>22,673,509.30</b>	<b>Same</b>

Note: The average consumption volume is considered equal to the discharge volume in each month because there is no meter in the intake or discharge pipe.

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- iv. A summary of modifications and/or major maintenance work carried out on the Water Supply and Waste Disposal Facilities, including all associated structures and facilities;  

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N/A
- v. A list of unauthorized discharges and summary of follow-up action taken;  

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No applicable.
- vi. A summary of any abandonment and restoration work completed during the year and an outline of any work anticipated for the next year;  

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No.  
The existing solid waste sites are decommissioned and abandoned once the new facility is built and commissioned. The design of the new facility has not been started yet.
- vii. A summary of any studies requested by the Board that relate to waste disposal, water use or reclamation, and a brief description of any future studies planned;  

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Wastes management is a big issue. The planning for the better wastes management in the Community is in progress. Batteries are kept in the Sea Can for future disposal
- viii. Any other details on water use or waste disposal requested by the Board by November 1st of the year being reported; and  

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The existing waste management is a huge concern. Right now Hamlet is segregating wastes in proper manner. Hazardous wastes are separated out.
- ix. Updates or revisions to the approved Operation and Maintenance Plans.  

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The existing O&M manuals of the water supply, waste management and wastewater treatment facilities are followed. No update or revision is required at this stage.
- x. **ADDITIONAL INFORMATION THAT THE LICENSEE DEEMS USEFUL:**  

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Hamlet has started extended sampling and testing program. They have segregated wastes already.
- xi. **FOLLOW-UP REGARDING INSPECTION/COMPLIANCE CONCERNS:**  

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Hamlet is receiving direction from the GN-CGS Water Licence compliance Group to

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move forward in order to renew or amend the Hamlet water licence.  
The Hamlet has currently an active water licence

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The Lab Test Results for 2017 are attached in a separate document.