

**ANNUAL REPORT  
FOR THE HAMLET OF ARCTIC BAY, 2012**

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**YEAR BEING REPORTED: 2012**

The following information is compiled pursuant to the requirements of **Part B, Item 1** of Water License # 3BM-ARC 0810 issued to the Hamlet of Hamlet of Arctic Bay.

- 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 2012</b>	1,942,759.30	Same
<b>February 2012</b>	1,634,576.20	Same
<b>March 2012</b>	2,290,661.30	Same
<b>April 2012</b>	2,295,235.80	Same
<b>May 2012</b>	2,103,621.40	Same
<b>June 2012</b>	1,858,027.60	Same
<b>July 2012</b>	1,991,245.40	Same
<b>August 2012</b>	2,155,561.20	Same
<b>September 2012</b>	2,130,989.50	Same
<b>October 2012</b>	2,263,759.70	Same
<b>November 2012</b>	2,107,746.30	Same
<b>December 2012</b>	2,371,479.10	Same
<b>ANNUAL TOTAL</b>	<b>25,145,662.80</b>	<b>25,145,662.80</b>

Note: The consumption volume is considered equal to discharge volume in each month because there no meter at the end of the 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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The Construction of the New Sewage Lagoon was completed and was commissioned. The old lagoon was decommissioned as well.

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- v. a list of unauthorized discharges and summary of follow-up action taken;

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Yes, Spill # 2012023, dated 2/1/2012, Wastewater, 500L

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- 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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The existing Sewage lagoon was decommissioned, abandoned and restored soon after the new lagoon was commissioned.

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- 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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The studies on solid waste management was completed by a GN consultant named Arktis Solutions Inc. New guidelines have been established. Funding for this project is not available at present.

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- 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 new sewage lagoon is in operation. Wastes management is still a concern.

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- ix. updates or revisions to the approved Operation and Maintenance Plans.

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The Final draft O&M manual for the new sewage lagoon was sent to NWB. Final copy is on the way.

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**ADDITIONAL INFORMATION THAT THE LICENSEE DEEMS USEFUL:**

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Improvement the solid waste management in the community.

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**FOLLOW-UP REGARDING INSPECTION/COMPLIANCE CONCERNS:**

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Hamlet is working with CGS for AANDC inspection concerns and Water License compliancy. Hamlet started extended sampling and testing program for water,

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wastewater and leachate from waste sites. The test results of 2012 are attached.

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