

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

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.

Month Reported	Quantity of Water Obtained from all sources (litres)	Quantity of Sewage Waste Discharged (Estimated)
January 2012	1,942,759.30	Same
February 2012	1,634,576.20	Same
March 2012	2,290,661.30	Same
April 2012	2,295,235.80	Same
May 2012	2,103,621.40	Same
June 2012	1,858,027.60	Same
July 2012	1,991,245.40	Same
August 2012	2,155,561.20	Same
September 2012	2,130,989.50	Same
October 2012	2,263,759.70	Same
November 2012	2,107,746.30	Same
December 2012	2,371,479.10	Same
ANNUAL TOTAL	25,145,662.80	25,145,662.80

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;

The Construction of the New Sewage Lagoon was completed and was commissioned. The old lagoon was decommissioned as well.

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

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

- vi. a summary of any abandonment and restoration work completed during the year and an outline of any work anticipated for the next year;

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

- 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;

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.

- viii. any other details on water use or waste disposal requested by the Board by November 1st of the year being reported; and

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

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

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

ADDITIONAL INFORMATION THAT THE LICENSEE DEEMS USEFUL:

Improvement the solid waste management in the community.

FOLLOW-UP REGARDING INSPECTION/COMPLIANCE CONCERNS:

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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