

ANNUAL REPORT FOR THE HAMLET OF ARCTIC BAY, 2014

YEAR BEING REPORTED: 2014

The following information is compiled pursuant to the requirements of **Part B, Item 1** of Water Licence # 3BM-ARC1419 issued to the 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 2014	2,377,075.00	Same
February 2014	1,950,872.20	Same
March 2014	2,155,887.20	Same
April 2014	1,933,407.70	Same
May 2014	2,196,098.80	Same
June 2014	1,764,161.40	Same
July 2014	1,628,034.38	Same
August 2014	2,160,427.80	Same
September 2014	2,118,483.80	Same
October 2014	2,301,681.30	Same
November 2014	2,002,645.70	Same
December 2014	2,132,131.50	Same
ANNUAL TOTAL	24,680,131.50	24,680,131.50

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;

No modifications and /or major maintenance work was carried out on Sewage Lagoon, WTFS and Waste management Facilities during this reporting period.

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

Spills:

2014194; 2014-06-04; House # 51, Heating fuel, 0L

2014216; 2014-06-04; House # 57; Furnace oil, 0L

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

No abandonment and restoration work was carried out during this reporting period.

The waste management project is still on hold. The existing waste sites will be abandoned and restored once the new facility is built and 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 feasibility study of the waste management facility is complete. GN has adopted a new Guidelines. The new waste management facility will be designed following the GN new Guidelines.

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

The Present waste management facility is the concern of the Nunavut Water Board and AANDC.

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

O&M manuals for water supply, sewage lagoon and waste management site were updated and submitted to NWB as the requirements to renew the Hamlet Water Licence. Currently Hamlet has a new Water Licence.

ADDITIONAL INFORMATION THAT THE LICENSEE DEEMS USEFUL:

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Hamlet is working with GN-CGS for water licence compliancy. They are maintaining extended sampling and testing program in order to meet the requirements of the monitoring program established in the Licence. Hamlet is planning to maintain CGS report card in 2015.

FOLLOW-UP REGARDING INSPECTION/COMPLIANCE CONCERNS:

Hamlet is working closely with the recently formed Water Licence Compliance Group (WLCG) to deal with inspector's concerns of the water licence compliancy. Monitoring signs were installed last year. An additional sign was installed at the new granular site located in the Community.

Facility Signs will be installed at each facility during summer 2015.

Lab Test Results for Chemical analysis of water, wastewater and leachate in 2014 are submitted in the separate document.



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