

**ANNUAL REPORT
FOR THE HAMLET OF ARCTIC BAY, 2015**

YEAR BEING REPORTED: 2015

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 2015	2,239,266.70	Same
February 2015	1,940,537.70	Same
March 2015	2,055,612.30	Same
April 2015	1,881,283.70	Same
May 2015	1,769,017.70	Same
June 2015	1,716,195.40	Same
July 2015	1,887,352.70	Same
August 2015	1,850,859.90	Same
September 2015	1,910,656.60	Same
October 2015	2,162,962.90	Same
November 2015	2,175,515.00	Same
December 2015	2,089,254.30	Same
ANNUAL TOTAL	23,678,314.90	23,678,314.90

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;

No spill in the Environmental facilities during the reporting period.

- 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;

No study was requested by the Board during the reporting period. 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 INAC.

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

O&M manuals for water supply, sewage lagoon and waste management site were submitted to NWB. Currently Hamlet has a new Water Licence # 3BM-ARC1419.

ADDITIONAL INFORMATION THAT THE LICENSEE DEEMS USEFUL:

Hamlet is working with GN-CGS for water licence compliancy. They are maintaining extended sampling and testing program in order to meet the requirements

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of the monitoring program established in the Licence. Hamlet is planning to maintain CGS report card in the future years.

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.

Lab Test Results for Chemical analysis of water, wastewater and leachate in 2015 are submitted in the separate document.



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