

**ANNUAL REPORT
FOR THE HAMLET OF ARCTIC BAY, 2019**

YEAR BEING REPORTED: 2019

The following information is compiled pursuant to the requirements of Part B, Item 1 of Water Licence # 3BM- ARC0810 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	2,417,044.40	Same
February	2,221,684.60	Same
March	2,281,909/30	Same
April	2,491,609.60	Same
May	2,524,589.40	Same
June	2,138,899.70	Same
July	2,385,721.80	Same
August	2,254,351.50	Same
September	2,266,908.80	Same
October	2,145,084\80	Same
November	1,756,196.80	Same
December	1,909,770.00	Same
ANNUAL TOTAL	26,794,770.40	26,794,770.40

Note: The water consumption volume is considered equal to the discharge volume

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because there is no meter at the end of the discharge pipe.

- 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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During the year, no modification and /or major maintenance works were carried out on any Water Licensed facilities.

- v. A list of unauthorized discharges and summary of follow-up action taken;
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Leachate is an uncontrolled discharge . Leachate is tested 3 to 4 times in summer prior to final discharge.

- 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 abandonment and restoration works was conducted during this reporting year.
Not expected in next 2 to 3 yrs.

- 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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Segregation of wastes and management of the Hazardous wastes are the major concern and priority of the Municipality of Arctic Bay to comply with the conditions and criteria of the Water licence. A feasibility study is expected in 2-3 yrs. in order to build a new waste management facility.

- 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 site is a big concern. Right now Hamlet is segregating wastes in proper manner. Batteries are being stocked in the sea scan for the future disposal to the South. Domestic wastes are burned, covered the ash with crushed run and compacted.

- ix. Updates or revisions to the approved Operation and Maintenance Plans.
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No update or revision to the O&M manuals was required during this reporting period since all the facilities remain unchanged.

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x. ADDITIONAL INFORMATION THAT THE LICENSEE DEEMS USEFUL:

Hamlet has started working more closely with GN-CGS technical staffs in order to maintain the Environmental facilities more productively. Hamlet has an active WL Licence.

xi. FOLLOW-UP REGARDING INSPECTION/COMPLIANCE CONCERNS:

Hamlet is still working on the improvement of the waste management strategy by segregating the wastes and stocking batteries in the Sea can for future disposal to the South. Annual reporting is on timely manner. They are testing water, wastewater and leachate and keep records as the requirement of the monitoring program.

The Lab Test Results for 2019 are submitted in a separate document.

