

**ANNUAL REPORT  
FOR THE HAMLET OF ARCTIC BAY, 2013**

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**YEAR BEING REPORTED: 2013**

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 2013</b>	2,505,162.60	Same
<b>February 2013</b>	2,180,574.90	Same
<b>March 2013</b>	2,352,714.70	Same
<b>April 2013</b>	2,262,523.60	Same
<b>May 2013</b>	2,356,124.40	Same
<b>June 2013</b>	2,193,721.90	Same
<b>July 2013</b>	2,290,254.40	Same
<b>August 2013</b>	2,110,608.50	Same
<b>September 2013</b>	2,314,019.50	Same
<b>October 2013</b>	2,489,969.40	Same
<b>November 2013</b>	2,276,846.30	Same
<b>December 2013</b>	2,006,817.50	Same
<b>ANNUAL TOTAL</b>	<b>27,339,337.70</b>	<b>27,339,337.70</b>

Note: The consumption volume is considered equal to discharge volume in each month because there no flow 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 flow meter at the Water Truck fill station was repaired. This is now working well.  

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

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Nil  

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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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No abandonment and restoration plan was scheduled during the reporting year. The existing waste site will be decommissioned soon after the new site is built and commissioned. The new waste management project cannot be started until sufficient Capital funding is made available.  

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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 big concern. However, Hamlet is planning for segregation of wastes like batteries etc. in summer 2014.  

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

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Hamlet is operating Water supply system and Sewage lagoon following the guidelines of the individual O&M manual. The O&M manual for wastes management will be prepared once the new site is designed and built.  

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

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Hamlet is planning to implement CGS's new report card to closely monitor and maintain their Environmental facilities. Following this process, Hamlet will correctly report the status of the facilities and take precautions for necessary remedial works. They will also prepare/develop/update Plan for Compliance step by step once Report card is fully implemented.

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

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Hamlet is working with CGS for AANDC inspection concerns, Water Licence Compliancy and Renewal process. Hamlet started extended sampling and testing Program for Water, Wastewater and Leachate from waste sites. They are working forward to satisfy the monitoring requirements of the Water Licence.

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The Lab Test Results for 2013 are as follows:



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B13-03086\_R.pdf



B13-24969\_R.pdf



B13-19069\_R.pdf



B13-19067\_R.pdf