

**ANNUAL REPORT  
FOR THE HAMLET OF GRISE FIORD-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 Licence # 3BM-GRI 0911 issued to the Hamlet of Grise Fiord.

- 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>	420,056	Same
<b>February 2013</b>	409,450	Same
<b>March 2013</b>	410,379	Same
<b>April 2013</b>	450,899	Same
<b>May 2013</b>	478,140	Same
<b>June 2013</b>	445,163	Same
<b>July 2013</b>	477,805	Same
<b>August 2013</b>	467,658	Same
<b>September 2013</b>	521,684	Same
<b>October 2013</b>	525,424	Same
<b>November 2013</b>	522,197	Same
<b>December 2013</b>	515,247	Same
<b>ANNUAL TOTAL</b>	5,644,102	5,644,102

Note: There is no meter existing at the discharge pipe. Therefore the monthly consumption volume is considered as equal to discharge volume.

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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 design of new Solid waste site is complete. The Project is on hold due to funding. Therefore design was not submitted to NWB. No major works was carried out to the water supply system during this reporting year.
- v. a list of unauthorized discharges and summary of follow-up action taken;  
Spills: 2013178, dated 5/29/2013, 1000L; Diesel at near fuel filling station. Ooglit Sannavik.
- 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 design to decommission the existing solid waste site is complete. Once the new solid waste management facility is built and commissioned, the existing site will be abandoned and restored. But due to funding, this project is on hold. No abandonment and restoration work was carried out during this reporting year.
- 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 Arktis Solutions Inc. Their recommended guidelines have been accepted by CGS. Dalhousie University is doing research on the sewage lagoon treatment efficiency. Their report 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  
Current waste management site is the concern of the Nunavut Water Board.
- ix. updates or revisions to the approved Operation and Maintenance Plans.  
O&M manual will be prepared for the future waste management site once built. Sewage Lagoon and Water supply system are being operated following the guidelines of the existing O&M manuals.
- x. **ADDITIONAL INFORMATION THAT THE LICENSEE DEEMS USEFUL:**

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The hamlet started extended sampling and testing program to satisfy the monitoring requirements of the Water Licence. Hamlet is also planning to implement CGS's new report card in 2014 in order to closely monitor their environmental facilities. Hamlet is also expecting installation of a flow meter in the intake pipe to record correctly the annual extraction volume of water from the stream.

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### **FOLLOW-UP REGARDING INSPECTION/COMPLIANCE CONCERNS:**

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Hamlet is working with CGS for AANDC inspection concerns and Water Licence compliancy. Hamlet is planning to segregate wastes this summer 2014. Hamlet is working very closely with CGS to renew their water licence.

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The Lab Test Results for 2013 are as follows:



B13-25123\_R.pdf



B13-18933\_R.pdf



B13-18903\_R.pdf