

**ANNUAL REPORT  
FOR THE HAMLET OF GRISE FIORD-2015**

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**YEAR BEING REPORTED: 2015**

The following information is compiled pursuant to the requirements of **Part B, Item 1** of Water Licence # 3BM-GRI 1520 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 2015</b>	49,482.10	Same
<b>February 2015</b>	65,620.90	Same
<b>March 2015</b>	46,422.10	Same
<b>April 2015</b>	72,959.62	Same
<b>May 2015</b>	68,553.90	Same
<b>June 2015</b>	47,759.20	Same
<b>July 2015</b>	65,403.00	Same
<b>August 2015</b>	55,537.80	Same
<b>September 2015</b>	38,946.60	Same
<b>October 2015</b>	119,783.20	Same
<b>November 2015</b>	57,175.80	Same
<b>December 2015</b>	58,439.40	Same
<b>ANNUAL TOTAL</b>	<b>746,083.62</b>	<b>746,083.62</b>

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;  
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No modification and /or major maintenance work was carried out on waste disposal facility during this reporting period. The surface water storage ditch was expanded a bit. The Solid waste management (land fill) project is still on hold due to funding constraints.
- v. a list of unauthorized discharges and summary of follow-up action taken;  
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No spill in Environmental facilities during this 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;  
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Hamlet has a plan to abandon the existing landfill site. Once the new solid waste management facility is built and commissioned, the existing site will only be abandoned and restored. But due to funding, this new project is on hold. No abandonment and restoration work was carried out for any licensed facilities 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;  
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The hydrology assessment studies of the primary and secondary water sources are complete. The final reports are available.
- 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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Current waste management site is the concern of the Nunavut Water Board and INAC.  
Hamlet is planning to expand the area of the ditch to increase water storage capacity in next summer.
- ix. updates or revisions to the approved Operation and Maintenance Plans.  
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O&M manuals have been prepared for the existing non- engineered sewage lagoon and waste management facility and submitted to NWB. Whereas water supply system is being operated following the guidelines of the existing O&M manual. The new manual will be ready once the plant is upgraded.

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

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The Hamlet is following the direction of the Water Licence Compliance Working Group (WLCWG). Hamlet is also planning to implement CGS new report card to operate their environmental facilities more effectively.

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

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Hamlet has a new licence. They are engaged in summer sampling program following CGS established protocol.

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The Lab Test Results for 2015 are submitted in the separate document.