

**ANNUAL REPORT
FOR THE HAMLET OF GRISE FIORD-2014**

YEAR BEING REPORTED: 2014

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.

Month Reported	Quantity of Water Obtained from all sources (litres)	Quantity of Sewage Waste Discharged (Estimated)
January 2014	530,912	Same
February 2014	460,208	Same
March 2014	503,264	Same
April 2014	507,631	Same
May 2014	460,202	Same
June 2014	475,215	Same
July 2014	436,285	Same
August 2014	412,515	Same
September 2014	443,784	Same
October 2014	462,221	Same
November 2014	432,156	Same
December 2014	531,758	Same
ANNUAL TOTAL	5,656,151	5,656,151

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;

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

Spill: None
- vi. a summary of any abandonment and restoration work completed during the year and an outline of any work anticipated for the next year;

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 of 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;

The studies on solid waste management were complete by Arktis Solutions Inc. Their recommended guidelines have been accepted by CGS. 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

Current waste management site is the concern of the Nunavut Water Board and AANDC. The ditch water storage capacity needs to be increased more.
- ix. updates or revisions to the approved Operation and Maintenance Plans.

O&M manuals have been prepared for the existing non- engineered sewage lagoon and waste management facility and submitted to NWB to satisfy the requirements of the water licence and to renew it. Whereas water supply system is being operated following the guidelines of the existing O&M manual.
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x. ADDITIONAL INFORMATION THAT THE LICENSEE DEEMS USEFUL:

The Hamlet follows the direction of the newly formed Water Licence Compliance Working Group (WLCWG). Hamlet is also planning to implement CGS new report card in 2015 in order to closely monitor and operate their environmental facilities more productively. Hamlet is also expecting installation of a flow meter in the intake pipe to record accurately the annual extraction volume of water from the stream in summer 2015. Expansion of the surface water intake ditch is also an item of their summer projects.

FOLLOW-UP REGARDING INSPECTION/COMPLIANCE CONCERNS:

Hamlet is working with CGS for AANDC inspection concerns and also to satisfy Water Licence compliancy. Hamlet is still planning to segregate wastes this summer 2015. Hamlet currently has no active water licence. Therefore, Hamlet is working very closely with CGS to renew their water licence.

The Lab Test Results for 2014 are submitted in the separate document.