

**ANNUAL REPORT
FOR THE HAMLET OF QIKIQTARJUAQ, 2013**

YEAR BEING REPORTED: 2013

The following information is compiled pursuant to the requirements of **Part B, Item 1** of Water License # 3 BM -QIK 0712 issued to the Hamlet of Qikiqtarjuaq.

- 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 2013	1,606,883.90	Same
February 2013	1,474,186.00	Same
March 2013	1,616,383.60	Same
April 2013	1,642,655.80	Same
May 2013	1,660,403.80	Same
June 2013	1,425,126.80	Same
July 2013	1,528,634.30	Same
August 2013	1,436,255.10	Same
September 2013	1,518,639.80	Same
October 2013	1,556,077.30	Same
November 2013	1,498,895.90	Same
December 2013	1,735,536.40	Same
ANNUAL TOTAL	18,699,676.00	18,699,676.00

Note: The water consumption volume is considered equal to the discharge volume for each month because there is no 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;

Land Farm project is under construction. This facility will accommodate all the present and future contaminated soil of the community. The construction of this facility is on hold at present due to funding constraints. Hamlet is working with CGS for necessary funding to complete construction in summer 2014.
- v. a list of unauthorized discharges and summary of follow-up action taken;

Spills: 2013177 dated 5/29/2013, Unit 326. Heating fuel, 1000L, Party unknown.
2013194, dated 6/6/2013, Airport, Jet a Fuel, 0L, PPD
- vi. a summary of any abandonment and restoration work completed during the year and an outline of any work anticipated for the next year;

Nil
- 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 recently by GN consultant Arktis Solutions Inc. New Guideline has been developed. But the waste management site was built before the study was planned. The existing site is required to upgrade in order to satisfy the requirements of the new guidelines.
- viii. any other details on water use or waste disposal requested by the Board by November 1st of the year being reported; and

Hamlet has to present final design, construction drawings and O&M manual for the land farm in order to renew water licence.
- ix. updates or revisions to the approved Operation and Maintenance Plans.

The Hamlet is operating Water Truck fill station, Sewage Lagoon and Waste site following the guidelines of the existing O&M manuals. The manual of the land farm will be available once this facility is built.
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ADDITIONAL INFORMATION THAT THE LICENSEE DEEMS USEFUL:

Hamlet is building a land farm. Once construction is completed, the O&M manual will be submitted to NWB to satisfy the requirement of the water licence. Hamlet is Planning to make empty the Water Reservoir in order to clean the liner for inspection.

FOLLOW-UP REGARDING INSPECTION/COMPLIANCE CONCERNS:

Hamlet is working with CGS for AANDC inspection concerns and Water Licence Compliancy. Hamlet has engaged for extended sampling program for water, wastewater and leachate coming out from the land fill site. From 2014, Hamlet is Planning to implement CGS's new Report card in order to closely monitor the Environmental facilities and take immediate measure to correct the deficiencies. From the inspection and monitoring reports, Hamlet will be able to prepare/develop/update the Plan for Compliance step by step to satisfy the requirement of the Water Licence.

The Lab Test Results for 2013 are as follows:



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B13-01996_R.pdf



B13-23733_R.PDF



B13-23732_R.PDF



B13-23730_R.PDF