

**ANNUAL REPORT
FOR THE HAMLET OF KIMMIRUT-2014**

YEAR BEING REPORTED: 2014

The following information is compiled pursuant to the requirements of Part B, Item 1 of Water Licence # 3BM-KIM0911 issued to the Hamlet of Kimmirut.

- 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	1,785,703.60	Same
February 2014	1,633,423.96	Same
March 2014	1,733,785.30	Same
April 2014	1,711,214.90	Same
May 2014	1,740,226.60	Same
June 2014	1,638,415.60	Same
July 2014	1,695,581.00	Same
August 2014	1,690,568.80	Same
September 2014	1,846,176.70	Same
October 2014	1,836,821.70	Same
November 2014	1,650,551.40	Same
December 2014	1,944,472.20	Same
ANNUAL TOTAL	20,946,941.76	20,946,941.76

Note: The average consumption volume is considered equal to the discharge volume for each month because there is no flow meter at the discharge pipe.

ANNUAL REPORT FOR THE HAMLET OF KIMMIRUT-2014

- 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 work was done on the existing landfill site, water supply and waste disposal facilities during this reporting period.

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

The Community has been discharging raw sewage in the open environment at the slope of a Hill for many years.

Spills:

2014362, 2014-10-07, Kimmirut Dispensing station, Diesel, 96L

- vi. a summary of any abandonment and restoration work completed during the year and an outline of any work anticipated for the next year;

Once new sewage lagoon is commissioned, the existing sewage dumping place will be abandoned and restored. Once the new solid waste site is built and commissioned, the existing landfill site will also be abandoned and restored. During the reporting year, no such work was done so far.

-
- 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;

A Fish study was conducted by an Engineering Consulting Firm called Stantec and found fish presence in the wetland. Following the result of this study, the consultant is working on a feasible solution acceptable by the regulatory bodies to commission the new sewage lagoon.

- viii. any other details on water use or waste disposal requested by the Board by November 1st of the year being reported; and

Current Sewage treatment process and waste management are always the concerns of the Nunavut Water Board. These facilities fail to satisfy the requirements of the Water Licence. The Community is noncompliance and was under inspector's direction. Recently the inspector's direction was revoked. The Hamlet licence is in the renewal process.

ANNUAL REPORT FOR THE HAMLET OF KIMMIRUT-2014

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

O&M manuals for existing sewage disposal process and existing waste site have been prepared recently and submitted to NWB as the requirements of the Hamlet water licence. The O&M manual of the water truck fill station was also resubmitted.

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

Hamlet started segregation of wastes like batteries etc. in summer 2014. Hamlet started extended sampling and testing program for water, wastewater and leachate using an accredited lab in Ottawa. They already installed monitoring signs at all the sampling points and received training by exp Services Inc, an engineering consulting firm hired by CGS. They will also install facility signage this summer.

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

Hamlet is working closely with Water Licence Compliance Group (WLCG) to satisfy the requirements of the water licence. They are also following the CGS new report Card management in order to take remedial action to protect the Environment.

The lab Test Results for 2014 is submitted in the separate document.

    
B13-20129_R.PDF B13-20127_R.PDF B13-20129_R.PDF B13-20127_R.PDF B13-20127_R.PDF