

ANNUAL REPORT FOR THE HAMLET OF KIMMIRUT

YEAR BEING REPORTED: 2012

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 2012	1,541,820	Same
February 2012	1,450,912	Same
March 2012	1,513,824	Same
April 2012	1,479,668	Same
May 2012	1,516,341	Same
June 2012	1,468,035	Same
July 2012	1,569,010	Same
August 2012	1,571,926	Same
September 2012	1,433,425	Same
October 2012	1,643,878	Same
November 2012	1,584,187	Same
December 2012	1,461,619	Same
ANNUAL TOTAL	18,234,645	18,234,645

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

The construction of the new Sewage Lagoon was completed. This facility is ready to use. Solid waste project was initiated but not materialized yet. Waiting for funding to start the project.

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

The Community is planning using the new sewage lagoon. Once commissioned, they will stop discharging sewage at the current location.

- 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. 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.

- 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 the Consultant named Arktis Solutions Inc. New guidelines have been developed. Funding is not available to start designing the new facility.

- 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 the concerns 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. The O&M for the new Sewage Lagoon was delivered to NWB.

ADDITIONAL INFORMATION THAT THE LICENSEE DEEMS USEFUL:

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A new Engineered Landfill site will be built and licensed along with the new sewage Lagoon and the existing water supply system to satisfy the requirements of the hamlet water License.

FOLLOW-UP REGARDING INSPECTION/COMPLIANCE CONCERNS:

Hamlet is working with CGS for AANDC inspection concerns and Water License Compliancy. Hamlet has started extended sampling program for water, wastewater and leachate coming from the Land fill site.

An Engineering Consulting firm named exp services Inc. is working on water license Compliancy.

Hamlet has started extended sampling and testing program of water, wastewater and leachate coming out from the land fill site.

Hamlet has initiated testing program with the Ottawa Lab.



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