

ANNUAL REPORT FOR THE HAMLET OF IGLOOLIK, 2013

YEAR BEING REPORTED: 2013

The following information is compiled pursuant to the requirements of Part B, Item 1 of Water Licence # NWB3 -IGL0308 issued to the Hamlet of Igloolik.

- 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	4,330,842	Same
February 2013	4,010,967	Same
March 2013	4,600,778	Same
April 2013	4,397,727	Same
May 2013	4,589,195	Same
June 2013	4,027,549	Same
July 2013	4,384,385	Same
August 2013	4,448,891	Same
September 2013	4,610,189	Same
October 2013	4,796,909	Same
November 2013	4,361,816	Same
December 2013	4,510,477	Same
ANNUAL TOTAL	53,069,725	Same

Note: The water consumption volume is considered equal to the discharge volume 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;

Three Capital Projects on Water supply, Wastewater treatment and Solid waste management were started in this community. Solid waste project is totally on hold. Final Design of the Sewage lagoon is complete by EXP Services Inc., but this is also on hold until further order due to funding. The design of the Water Truck fill station is complete by Arktis solution Inc. Development of Tender package is in progress. A fence has been purchased and delivered to the community, and will be installed around the water reservoir at the pumping station.

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

Spills: 2013260, dated 7/19/2013, heating fuel, 0L, Igloolik Tummiut Building
2013304, dated 9/3/2013, Ethylene Glycol, 200L, Igloolik sea lift Beach
2013306, dated 9/4/2013, Jet a fuel, 205L, Igloolik Beach

- 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 the new solid waste management facility is built and commissioned, the existing site will be abandoned and restored. No abandonment and restoration work was conducted 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 was completed recently by Arktis solutions Inc. New guidelines have been developed and accepted by GN. The project is on hold due to funding. A bathymetric survey on south water lake was conducted by also Arktis Solution Inc.

- 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, wastewater treatment and water supply system are the concerns of the Nunavut Water Board.

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

The new O&M manuals will be prepared for Water supply, wastewater treatment and waste management site once they are built and commissioned. No update or revision was made on the O&M manual for any licensed facilities during this reporting period.

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

Hamlet started extended sampling and testing program already. We are planning to segregate waste this summer. We are also planning to implement the CGS report card this year to closely monitor and maintain environmental facilities.

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

Hamlet is working with CGS for AANDC inspection concerns and Water Licence Compliancy. They are working closely with CGS to renew the water licence.

The Test Results for 2013 are as follows:



B13-24340_R.pdf



B13-15751_R.pdf



B13-29381_R.pdf



B13-29380_R.pdf