

**ANNUAL REPORT
FOR THE HAMLET OF IGLOOLIK, 2012**

YEAR BEING REPORTED: 2012

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 2012 | 4,302,810.40 | Same |
| February 2012 | 4,261,477.60 | Same |
| March 2012 | 4,547,974.30 | Same |
| April 2012 | 4,460,318.70 | Same |
| May 2012 | 4,675,938.00 | Same |
| June 2012 | 4,231,921.00 | Same |
| July 2012 | 4,469,752.20 | Same |
| August 2012 | 4,238,227.70 | Same |
| September 2012 | 4,118,586.10 | Same |
| October 2012 | 4,378,561.30 | Same |
| November 2012 | 3,434,831.90 | Same |
| December 2012 | 4,107,520.10 | Same |
| ANNUAL TOTAL | 51,227,919.30 | 51,227,919.30 |

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. The design of the water supply project was started but on hold because there is no sufficient funding to carry on this project. The design for waste water treatment by Sewage lagoon is final for submission to NWB and this one is also on hold due to insufficient funding. The solid waste management project is at the initial planning stage but on hold due to funding constraints as well.

- v. a list of unauthorized discharges and summary of follow-up action taken;
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- Nil
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- 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 the new solid waste management facility is built and commissioned, the existing site will 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 Nunavut wide solid waste management was completed recently by Arktis solutions Inc. New guidelines have been developed. The project is on hold due to the constraints of funding.

- 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 and wastewater treatment are the concerns of the Nunavut Water Board.

- 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 once they are built and commissioned.

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ADDITIONAL INFORMATION THAT THE LICENSEE DEEMS USEFUL:

A new Engineered Landfill site will be built and licensed along with the existing Sewage lagoon and the existing water supply system. Arktis solutions Inc. is working on the water supply project. Whereas exp services Inc. is working on the sewage Lagoon and waste management project.

FOLLOW-UP REGARDING INSPECTION/COMPLIANCE CONCERNS:

Hamlet is working with CGS for AANDC inspection concerns and Water License Compliancy. Hamlet is engaged in extended sampling and testing program of water, Wastewater and solid waste management. Both consultants will be helping CGS and Hamlet to renew the hamlet water license.

The Test Results for 2012



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B12-24679_R.pdf



B12-14059_R.pdf