

ANNUAL REPORT FOR THE HAMLET OF IGLOOLIK

YEAR BEING REPORTED: 2010

The following information is compiled pursuant to the requirements of **Part B, Item 1** of Water License 3BM-IGL 0911 issued to the Municipality 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 |
|-----------------------|---|--|
| January 2010 | 4,582,533.70 | Same |
| February 2010 | 4,773,753.50 | Same |
| March 2010 | 4,083,516.10 | Same |
| April 2010 | 4,763,639.80 | Same |
| May 2010 | 4,744,157.10 | Same |
| June 2010 | 4,490,586.10 | Same |
| July 2010 | 4,914,927.90 | Same |
| August 2010 | 4,228,564.20 | Same |
| September 2010 | 4,105,782.20 | Same |
| October 2010 | 4,370,227.30 | Same |
| November 2010 | 4,129,290.00 | Same |
| December 2010 | 4,756,928.30 | Same |
| ANNUAL TOTAL | 53,943,906.20 | Same |

Total in Cubic Metres = 53,944

ANNUAL REPORT FOR THE HAMLET OF IGLOOLIK

- 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;

This Community right now has three on going Environmental Projects: These are (1) Improvement of Water Supply System; (2) Improvement of the Wastewater Treatment Facility and (3) Improvement of the Solid Waste Management. The Consultant TROW is working on the items (1) and (2); ARKTIS is working on item (3). Currently Solid Waste Management project is on hold until further direction of the GN-CGS Capital Planning. The Sewage lagoon is at the preliminary design stage. Whereas the consultant ARKTIS has been recently hired for designing for the improvement of the Community Water Supply System. This consultant is planning for field activities in early summer for water reservoir, WTFS, Pipe lines and the intake of the main water source.

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

The Community has four cells lagoon. These are not hydraulically connected. To maintain the structural integrity of the lagoon berms, the community sometimes in summer expedites decanting process to the wetlands by using pumps. They are also planning to establish a QA/QC Plan of the wastewater effluent testing with an accredited lab once the system will be fully rehabilitated.

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

Not yet. Abandonment and Restoration (ARR) of the Waste Management site will be completed once the new site is built and commissioned. Currently this project is put on hold until further direction.

- 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;

Design works are in progress for water supply system, wastewater management and Waste management projects. Plan for compliance is attached for O&M manuals, ARP and QA/QC plan as requested by the INAC inspector dated July 22, 2010.

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

The INAC inspector in his inspection report dated July 22, 2010 indicated that the

**ANNUAL REPORT
FOR THE HAMLET OF IGLOOLIK**

following items are in non-compliance as per the Water License:

1. Solid Waste Site: Hazardous wastes segregation
2. Sludge management
3. Seepage from the Sewage Lagoon berms
4. O&M manuals for all the environmental projects under Water License.

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

All the three Environmental projects under the Hamlet Water License are at design phase. The O&M manuals will be ready once these facilities will be built and ready for commission.

ADDITIONAL INFORMATION THAT THE LICENSEE DEEMS USEFUL:

FOLLOW-UP REGARDING INSPECTION/COMPLIANCE CONCERNS:
