

**ANNUAL REPORT  
FOR THE HAMLET OF RESOLUTE BAY, 2013 (Solid waste)**

---

**YEAR BEING REPORTED: 2013**

The following information is compiled pursuant to the requirements of **Part B, Item 1** of Water Licence # 3BM- RES 9699 issued to the Hamlet of Resolute Solid waste Management.

- 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.

<b>Month Reported</b>	<b>Quantity of Water Obtained from all sources (litres)</b>	<b>Quantity of Sewage Waste Discharged (Estimated)</b>
<b>January 2013</b>	N/A	N/A
<b>February 2013</b>	N/A	N/A
<b>March 2013</b>	N/A	N/A
<b>April 2013</b>	N/A	N/A
<b>May 2013</b>	N/A	N/A
<b>June 2013</b>	N/A	N/A
<b>July 2013</b>	N/A	N/A
<b>August 2013</b>	N/A	N/A
<b>September 2013</b>	N/A	N/A
<b>October 2013</b>	N/A	N/A
<b>November 2013</b>	N/A	N/A
<b>December 2013</b>	N/A	N/A
<b>ANNUAL TOTAL</b>	N/A	N/A

## ANNUAL REPORT FOR THE HAMLET OF RESOLUTE BAY, 2013 (Solid waste)

---

Note: This License does not relate to any water extraction from the source. It deals entirely with solid waste management.

- 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;

---

An Engineering consulting firm named Arktis Solution Inc. has initially designed for new wastes management facility for the Community. The Licence #3BM-RES 9699 renewal application was submitted in December 12, 2007 to NWB. During the process, CGS adopted new standards and criteria for solid waste management and advised NWB to hold this application renewal process. At the same time the consultant has been advised to revise their design documents accordingly. The final design is complete. But this project is ultimately on hold due to funding. The latest design was not submitted yet to NWB

---

- v. a list of unauthorized discharges and summary of follow-up action taken;  
Spills: 2013061, dated 2/14/2013, Diesel, 10,000L, Airport
- 

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

---

The design for abandonment and restoration of the existing waste sites (landfill and metal) were completed by Arktis Solutions Inc. No abandonment and restoration work for the existing waste sites was taken place during the reporting period. This process is not even anticipated in next 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 were completed by Arktis Solutions Inc. A new guideline has been developed and accepted by CGS. The consultant Arktis Solutions Inc. has updated the previous design of the proposed new facility satisfying the conditions of CGS adopted new guidelines. The design is complete but the project is on hold due to funding.

---

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

Wastes management in the Community is the main concern of the Nunavut Water

## **ANNUAL REPORT FOR THE HAMLET OF RESOLUTE BAY, (Solid Waste) 2013**

---

Board.

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

---

The Consultant has drafted the O&M manual for the new waste management Facility and it will be submitted to NWB as the part of the design approval package of the new facility. The O&M manual will be utilized to operate the new facility once it is built and commissioned.

---

### **ADDITIONAL INFORMATION THAT THE LICENSEE DEEMS USEFUL:**

---

The Hamlet has started sampling and testing of leachate coming out from the land fill site and having tested in the accredited lab Caduecon in Ottawa to satisfy the monitoring requirement of the water licence.

---

### **FOLLOW-UP REGARDING INSPECTION/COMPLIANCE CONCERNS:**

---

Hamlet is working with CGS for AANDC inspection report and Water Licence Compliancy. Once funding is available for this project, the latest design will be presented to NWB in order to renew the water licence prior to construction.

---

The Lab Test Results in 2013 are as follows:



B13-18916\_R.pdf