

## ANNUAL REPORT FOR THE HAMLET OF RESOLUTE BAY

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**YEAR BEING REPORTED: 2011**

The following information is compiled pursuant to the requirements of **Part B, Item 1** of Water License # 3BM-RUT 1012 ( Utilidor System) issued to the Hamlet of Resolute Bay.

- 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 2011	6,729,480	Same
February 2011	6,729,480	Same
March 2011	6,729,480	Same
April 2011	6,729,480	Same
May 2011	6,729,480	Same
June 2011	6,729,480	Same
July 2011	6,729,480	Same
August 2011	6,729,480	Same
September 2011	6,729,480	Same
October 2011	6,729,480	Same
November 2011	6,729,480	Same
December 2011	6,729,480	Same
<b>ANNUAL TOTAL</b>	79,234,200 =79,234 m <sup>3</sup>	Same

Note: The average volume is the total of the actual consumption and the loss and is considered equal for each month.

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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;  

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Remedial works were carried out in the pump house, water treatment plant and water storage tanks. This facility is licensed to CGS and being maintained by a CGS contractor on daily basis.  

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

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Effluent is diluted to a certain extent. At present sewage from the Utilidor system is macerated and discharged to the ocean essentially untreated.  

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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;  

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The RFP will be closed on January 27, 2012 to hire a consulting firm for detailed Design for the replacement of the existing Utilidor system. The design works will be started from this fiscal year 2012-13. The Poor and aged pipe lines will be replaced.  

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- 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;  

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The studies on Nunavut wide solid waste was completed recently. Waiting for the direction from CGS Capital Planning. The design on the waste management of this Community was completed. The solid waste management site will be licensed to the Hamlet once built and commissioned.  
The Hamlet of Resolute Bay is served entirely by the utilidor system with the exception of 14 facilities like RCMP building, Airport site and the polar shelf project along with other scattered buildings will remain on the trucked system. The Consultant is working on the optimization of the system for better services.  

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

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Airport Sewage Lagoon and present waste management are the concerns of the Nunavut Water Board. ED&T is holding the Airport Sewage Lagoon license. This particular license deals only Utilidor System.  

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

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O&M manual will be prepared once the entire utilidor system is upgraded. O&M for Solid waste site will be ready once it is built and ready to commission.

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

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CGS is working with the Hamlet to resolve issues and concerns of all the Environmental facilities including metal dump.

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

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A consultant is engaged to assist CGS to address INAC inspector's concerns and Water License compliancy.

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