

**ANNUAL REPORT  
FOR THE HAMLET OF CORAL HARBOUR, 2013**

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**YEAR BEING REPORTED: 2013**

The following information is compiled pursuant to the requirements of Part B, Item 1 of Water License # 3BM -COR 0813 issued to the Hamlet of Coral Harbour.

- 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 (liters)</b>	<b>Quantity of Sewage Waste Discharged (Estimated)</b>
<b>January 2013</b>	2,974,620.00	Same
<b>February 2013</b>	2,695,033.00	Same
<b>March 2013</b>	3,162,898.00	Same
<b>April 2013</b>	2,882,318.00	Same
<b>May 2013</b>	3,085,207.00	Same
<b>June 2013</b>	2,755,610.00	Same
<b>July 2013</b>	2,800,543.00	Same
<b>August 2013</b>	2,626,700.00	Same
<b>September 2013</b>	2,646,420.00	Same
<b>October 2013</b>	2,942,173.90	Same
<b>November 2013</b>	2,605,144.60	Same
<b>December 2013</b>	2,916,736.00	Same
<b>ANNUAL TOTAL</b>	34,093,404.00	34,093,404.00

## ANNUAL REPORT FOR THE HAMLET OF CORAL HARBOUR, 2013

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Note: There is no meter existing at the discharge pipe. Therefore the monthly discharge is considered as equal to the monthly water consumption.

- 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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- The existing Water Truck Fill Station is being updated. CGS has retained a consultant exp Services Inc. to complete design for optimization. They completed design and construction drawings for Water Truck fill station. Tender documents are ready. The water licence amendment application was submitted along with required design and drawings to NWB. Construction works will be started once the approval is obtained from NWB.
- The Construction is scheduled starting fall of 2014 with a completion date fall of 2015. No Plan works were scheduled for wastewater treatment and waste management facilities in 2013.
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- v. a list of unauthorized discharges and summary of follow-up action taken;
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- 2013354, 2013-10-04. SDL office, Diesel, 20L.
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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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- No abandonment and restoration work was planned/completed in 2013 and there is no anticipation in the next year.
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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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- Arktis Solutions Inc. recently completed feasibility study across Nunavut including Coral Harbour waste management facility. They recommended new guidelines. CGS is planning to implement these new standards and Criteria in Coral Harbour future waste management facility.
  - CGS has retained William Engineering Ltd to conduct Water quality Surveys in the existing water source and in the proposed secondary source. This project is scheduled to be completed in 2014.
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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

## **ANNUAL REPORT FOR THE HAMLET OF CORAL HARBOUR, 2013**

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- Record water volume extracted
  - Record raw sewage pumped out
  - Monitor sewage lagoon effluent quality at the final point of discharge
  - Monitor leachate quality of the runoff from the solid waste facility
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ix. updates or revisions to the approved Operation and Maintenance Plans.

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The updated O&M manual of the water Truck fill station will be ready in 2015.  
The O&M manuals for waste water and solid wastes facilities will be submitted once revised and updated as required.

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

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The Licensee will start extended sampling and testing program for water, wastewater and leachate samples in 2014 to satisfy the monitoring program Part H of the water Licence.

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

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The Licensee is working closely with CGS to satisfy the requirements of the Water Licence and the demand of the AANDC inspector including the Compliance Plan following the inspection dated August 9, 2011.

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- The Lab Test Results for 2013 are attached.