

# ANNUAL REPORT FOR THE HAMLET OF CAPE DORSET



**YEAR BEING REPORTED:** 2010

The following information is compiled pursuant to the requirements of **Part B, Item 1** of Water License 3BM-CAP0810 issued to the Municipality of Cape Dorset.

- 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 (litres)</b> |
|-----------------------|---|---|
| <b>January 2009</b>   | 3,847,813   | Same  |
| <b>February 2009</b>  | 3,363,309   | Same  |
| <b>March 2009</b>     | 3,898,399   | Same  |
| <b>April 2009</b>     | 3,683,553   | Same  |
| <b>May 2009</b>       | 3,610,014   | Same  |
| <b>June 2009</b>      | 3,978,430   | Same  |
| <b>July 2009</b>      | 4,043,910   | Same  |
| <b>August 2009</b>    | 3,990,196   | Same  |
| <b>September 2009</b> | 3,974,976   | Same  |
| <b>October 2009</b>   | 3,729,020   | Same  |
| <b>November 2009</b>  | 4,036,395   | Same  |
| <b>December 2009</b>  | 3,878,126   | Same  |
| <b>ANNUAL TOTAL</b>   | 46,034,141  | Same  |

Total in Cubic Metres = 46,034

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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;  
No work has been carried out on water supply system.  
Berms have been reinforced to operate and maintain the existing three cells Sewage lagoons until the new facility is commissioned.

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

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

Design for decommissioning of the existing sewage lagoons will be taken care of once the new facility is commissioned. Capital planning has been requested for funding for design for decommissioning of these existing three cells lagoons.

- 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;

1. Wastewater Treatment Facility:  
Existing Lagoons: The first of the three cells lagoon is considered to maintain as emergency measures for some time.  
2. Wastes Management Facility: Hamlet Consultant worked on the design of the waste management facility.  
3. Water Supply System: Unchanged.

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

1. Installed four thermistors and monitor them.  
2. P Lake Sewage Lagoon Berms inspected by a Consulting firm named AMEC.

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

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O & M plan for Wastewater management facilities have been updated. The final document is attached.

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

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1. The missing beads of the thermistors have been corrected.
  2. The data loggers readings are attached in the temperature validation Report.
  3. Hamlet has arranged an accredited laboratory for testing sewage effluent quality.
  4. The consultant will complete study and design of the waste management facility in 2010
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**FOLLOW-UP REGARDING INSPECTION/COMPLIANCE CONCERNS:**

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The Community is planning to bring all the Environmental Facilities under Water License Compliancy as earliest as possible.

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