



Ontario Clean Water Agency
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March 1, 2011

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Requirement under the Safe Drinking Water Act for a Summary Report

Attached is the 2010 Summary Report for the Southampton Water System. This report is completed in accordance with Schedule 22 of O. Reg. 170/03, under the Safe Drinking Water Act, which requires a Summary Report to be prepared not later than March 31st of each year for the preceding calendar year.

This Summary Report is to be provided to the members of the municipal council. Please ensure this distribution.

We recently forwarded a copy of the 2010 Annual Report for the Southampton Water System. This report is required to be submitted to the Municipality by February 28th of each year.

Section 12 of O. Reg. 170/03, requires both the Summary Report and the Annual Report be made available for inspection by any member of the public during normal business hours, without charge. The reports should be made available for inspection at the office of the municipality, or at a location that is reasonably convenient to the users of the water system.

Sincerely,

A handwritten signature in black ink, appearing to read "Richard Laliberte".

Richard Laliberte, Operations Manager
Ontario Clean Water Agency
West Highlands Hub



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

SOUTHAMPTON WATER TREATMENT

Large Municipal Residential Drinking Water System

SCHEDULE 22 **SUMMARY REPORT**

For the period of

JANUARY 1, 2010 TO DECEMBER 31, 2010

Prepared by the Ontario Clean Water Agency
For The Corporation of The Town of Saugeen Shores

SUMMARY

This report is a summary of water quality and quantity information submitted in accordance with Schedule 22 of Ontario's Drinking Water System Regulation for the reporting period of January 1, 2009 to December 31, 2009 for the Southampton Water Treatment Plant located in the Town of Saugeen Shores.

The summary includes:

1. Any requirements of the Act and Regulation, Orders or System Approval(s) that the system failed to meet during the reporting period and the measures taken to correct each failure.
2. A summary of the quantities and flow rates of water supplied during the reporting period, including monthly averages and maximum daily flows.
3. A comparison of the average and monthly maximum daily flows to the approved capacity specified in the System Approval.

ISSUES OF NON-COMPLIANCE

A Ministry of the Environment inspection report dated January 26, 2010 resulted in the following:

- 1. Corrective actions (as per Schedule 17) were not taken to address adverse conditions, including any other steps that were directed by the Medical Officer of Health.**

Action(s) Required:

The municipality and operating authority are reminded of the necessity to ensure corrective actions are followed as required by Ontario Regulation 170/03 for all adverse situations encountered during operation of the Drinking Water System. The municipality and operating authority are further reminded to ensure all drinking water operations and management staff are aware of the above requirements.

Response:

The operating authority (OCWA) conducted a training session in regards to the Adverse Water Quality SOP E-12 as well as "Resample and Test" documentation as described in O.Reg. 170/03 on September 26th 2009 at the Southampton fire hall for all Grey-Bruce Cluster staff.

ASSESSMENT OF FLOW RATES AND QUANTITIES OF WATER SUPPLIED

The following table lists the quantities and flow rates of the water supplied during the reporting period covered by this report, including monthly average and maximum daily flows and a comparison to the rated capacity and flow rates specified in the system approval:

Southampton Water Treatment Plant	January 1- December 31
Average Day Flow (m ³ /day)	5178.5
Maximum Day Flow (m ³ /day)	8846.0
Average Flow Rate (L/sec)	59.9
Maximum Flow Rate (L/sec)	102.4
Design Capacity (m ³ /day)	18020
Approved Flow Rate (L/sec)	208
% (Average Day/Design Capacity)	28.74
% (Maximum Day/Design Capacity)	49.09
% (Average Flow Rate/Approved Flow Rate)	28.80
% (Maximum Flow Rate/Approved Flow Rate)	49.23