



**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, 2009 TO DECEMBER 31, 2009**

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

March 31, 2010

**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 23, 2009 did not identify any Non-Compliance issues in 2009.

**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 (m3/day)	5629.35
Maximum Day Flow (m3/day)	8895.0
Average Flow Rate (L/sec)	65.15
Maximum Flow Rate (L/sec)	**208.00
Design Capacity (m3/day)	18020
Approved Flow Rate (L/sec)	208
% (Average Day/Design Capacity)	31.24
% (Maximum Day/Design Capacity)	49.36
% (Average Flow Rate/Approved Flow Rate)	31.32
% (Maximum Flow Rate/Approved Flow Rate)	100.00

\*\* 208 (L/sec) is the max flow although there have been instantaneous peak flows as high as 249 (L/sec) recorded.