



**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

JULY 1, 2003 TO DECEMBER 31, 2003

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

March 26, 2004

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 July 1, 2003 to December 31, 2003 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

The following table lists the requirements of the Act, Regulations, System Approval (s) and any Order that the system failed to meet during the reporting period and the measures taken to correct each failure:

Drinking Water Legislation	Requirement(s) the system failed to meet	Duration	Corrective Action(s)	Status
Ontario Regulations Reg. 170/03	The system failed for continuous turbidity monitoring on each filter effluent line. Sched. 7-3 (2) (b)	July 1- December 31, 2003	Municipality has appealed to the MOE and the issue is being looked at by IEB	Ongoing
System Certificate of Approval #9472-5PPNLG	The system failed to measure and record the raw and treated instantaneous flow rate as required by C of A Condition 5.1 (i) (ii)	July 1- December 31, 2003	The current flow measuring equipment is not capable of monitoring the flow rates in L/sec this will be addressed by the Municipality in future upgrades.	Ongoing

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	July 1- December 31
Average Day Flow (m3/day)	4278
Maximum Day Flow (m3/day)	6309
Design Capacity (m3/day)	9072
Approved Flow Rate (L/sec)	105
% (Average Day/ Design Capacity)	47.1
% (Maximum Day/ Design Capacity)	69.5