



**Ontario Clean Water Agency
Agence Ontarienne Des Eaux**

**PORT ELGIN WATER TREATMENT
Large Municipal Residential Drinking Water System**

SCHEDULE 22

SUMMARY REPORT

For the period of

JANUARY 1, 2005 TO DECEMBER 31, 2005

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

March 28, 2006

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, 2005 to December 31, 2005 for the Port Elgin Water Treatment located in the Municipality 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)	January 1- December 31, 2004	Municipality has received a C of A #6139-65WQ3M with regulatory relief and deadline extension to the issue.	Ongoing
System Certificate of Approval #1830-5R7RT2	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)	January 1- December 31, 2004	The current flow measuring equipment is not capable of monitoring the flow rates in L/sec. The facility will be decommissioned with new upgrades and is also included as part of the contract.	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:

Port Elgin Water Treatment Plant	January 1- December 31
Average Day Flow (m3/day)	3404.3
Maximum Day Flow (m3/day)	6500.0
Average Flow Rate (L/sec)	39.40
Maximum Flow Rate (L/sec)	75.23
Design Capacity (m3/day)	9164
Approved Flow Rate (L/sec)	106.07
% (Average Day/Design Capacity)	37.15
% (Maximum Day/Design Capacity)	70.93
% (Average Flow Rate/Approved Flow Rate)	37.15
% (Maximum Flow Rate/Approved Flow Rate)	70.92