



**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**

**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 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:

<b>Drinking Water Legislation</b>	<b>Requirement(s) the system failed to meet</b>	<b>Duration</b>	<b>Corrective Action(s)</b>	<b>Status</b>
<b>Ontario Regulations Reg. 170/03</b>	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
<b>System Certificate of Approval #1830-5R7RT2</b>	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:

<b>Port Elgin Water Treatment Plant</b>	<b>July 1- December 31</b>
Average Day Flow (m3/day)	2958
Maximum Day Flow (m3/day)	6087
Design Capacity (m3/day)	7855
Approved Flow Rate (L/sec)	91
% (Average Day/ Design Capacity)	37.7
% (Maximum Day/ Design Capacity)	77.5