



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

March 31, 2008

Ron Brown, CAO  
Town of Saugeen Shores  
600 Tomlinson Dr.  
Box 820  
Port Elgin, Ontario  
N0H 2C0

**Re: New requirement under the Safe Drinking Water Act for a Summary Report**

Dear Mr. Brown;

Attached is the 2007 Summary Report for the Port Elgin 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 31<sup>st</sup> 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 2007 Annual Report for the Port Elgin Water System. This report is required to be submitted to the Municipality by February 28<sup>th</sup> 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 "Todd Davis".

Todd Davis Cluster Manager  
Ontario Clean Water Agency  
Grey Bruce Hub



**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, 2007 TO DECEMBER 31, 2007

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

March 31, 2008

### 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, 2007 to December 31, 2007 for the Port Elgin Water Treatment located in the Municipality of Saugeen Shores. The Port Elgin Water Treatment Plant was in an idle mode since June 30, 2007 with the water supply coming from the Saugeen Shores Water Treatment Plant and is scheduled to be decommissioned October 31, 2008.

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>System Certificate of Approval #2084-6UNL4F</b>	The owner did not ensure that equipment was installed in accordance with the Certificate of Approval.	December 1st to October 29 <sup>th</sup> 2007	Since putting the plant in idle this tank is only filled 50% as the amount used has been greatly reduced. Should there be a spill from this tank it would go into the sludge holding tank which in turn is pumped into the sewage. There is a barrier in place at the doorway preventing any spill from leaving the plant. We do not feel this amount of polymer would have any impact on the sewage system, but in any case the sewage plant would be monitored to prevent any upset.	Complete
<b>System Certificate of Approval #2084-6UNL4F</b>	The facility and equipment did not appear to be maintained or in a fit state of repair.	January 1 to December 31, 2007	The Port Elgin WTP is an aging facility scheduled to be shut down shortly, OCWA continues to monitor and operate the plant in	Complete

9.1 and 9.2			compliance with the regulations recognizing the aging infrastructure.	
O. Reg 170/03 Schedule 1, 1-2(1)	<b>The following instances of non-compliances were also noted during the inspection:</b> As stated earlier, the charts used to record the treated water chlorine residual are unreadable. The chart recorder is old and does not function properly. As previously discussed, the highlift pumps are operational at the Port Elgin WTP for less than one half hour per day. An operator is onsite to monitor operations at this time.	December 1 <sup>st</sup> to October 24 <sup>th</sup> 2007	A working chart recorder has been installed	Complete

#### 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)	1115.4
Maximum Day Flow (m3/day)	4405.0
Average Flow Rate (L/sec)	12.91
Maximum Flow Rate (L/sec)	50.98
Design Capacity (m3/day)	9164.2
Approved Flow Rate (L/sec)	106.0
% (Average Day/Design Capacity)	12.17
% (Maximum Day/Design Capacity)	48.07
% (Average Flow Rate/Approved Flow Rate)	12.18
% (Maximum Flow Rate/Approved Flow Rate)	48.09