



Ontario Clean Water Agency Agence Ontarienne Des Eaux

March 8, 2016

Larry Allison, CAO
allisonl@saugeenshores.ca
Town of Saugeen Shores
600 Tomlinson Dr.
Box 820
Port Elgin, Ontario
N0H 2C0

Re: Summary Report, Requirement under O. Reg. 170/03, Schedule 22

Dear Mr. Allison,

Attached is the 2015 Summary Report for the Southampton Water Treatment Plant and Distribution System. This report was completed in accordance with Schedule 22 of Ontario Regulation 170/03. It is required that a Summary Report for the previous calendar year be prepared no later than March 31st of each year.

The Summary Report is to be provided to the members of the Town Council. Please ensure this distribution.

Section 12 of Ontario Regulation 170/03 requires that the Summary Report be made available for inspection, at no charge, by any member of the public during regular business hours. The report should be made available for inspection at the office of the Town or at a location that is convenient for the users of the water system.

Should you require further clarification of information regarding this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Andrea Conway".

Andrea Conway
Operations Manager
OCWA, Georgian Bay Highlands Regional Hub

cc: Len Purdue, Acting Director of Public Works, Town of Saugeen Shores
Dave Burnside, Engineering Services, Town of Saugeen Shores



Ontario Clean Water Agency
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SOUTHAMPTON WATER TREATMENT

Large Municipal Residential Drinking Water System

SCHEDULE 22 **SUMMARY REPORT**

For the period of
JANUARY 1, 2015 TO DECEMBER 31, 2015

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

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, 2015 to December 31, 2015 for the Southampton Drinking Water System located in the Town of Saugeen Shores. The summary includes the following information:

- 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.
- A summary of the quantities and flow rates of water supplied during the reporting period, including monthly averages and maximum daily flows.
- 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 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:

- No actions are required.

An MOECC Drinking Water System Inspection was performed on October 16, 2015. On December 23, 2015 the report for this inspection was issued, the Saugeen Shores Drinking Water System received an inspection rating of 100%, and no non-compliances were issued.

Assessment of Flowrates and Quantity of Water Supplied

The quantities and flowrates of water supplied during the reporting period covered by this report, including monthly average and maximum flowrates, flows and a comparison to the rated capacity can be found in Table 1. The rated capacity for the Southampton WTP is 18,000 m³/day as per the Municipal Drinking Water License.

Table 1. Average and Maximum Flowrate, Flow and Comparison to Rated Capacity by Month for 2015 for Treated Water

2016	Treated Water Flow				Treated Water Flowrate			
	Average Flow (m ³ /day)	Percent of Rated Capacity	Maximum Flow (m ³ /day)	Percent of Rated Capacity	Average Flowrate Zone 1 (l/s)	Maximum Flowrate Zone 1 (l/s)	Average Flowrate Zone 2 (l/s)	Maximum Flowrate Zone 2 (l/s)
January	4067.45	23%	4451.00	25%	21	71	27	113
February	4581.36	25%	5245.00	29%	26	92	27	113
March	4707.03	26%	5149.00	29%	34	71	31	114
April	4546.87	25%	4892.00	27%	22	120	30	115
May	5575.55	31%	6694.00	37%	27	155	38	160
June	6042.33	34%	7260.00	40%	29	103	41	116
July	7869.55	44%	9772.00	54%	36	124	55	115
August	7191.06	40%	9207.00	51%	35	131	49	116
September	6113.60	34%	8129.00	45%	29	83	42	115
October	4798.45	27%	5752.00	32%	22	70	33	114
November	4256.80	24%	4876.00	27%	19	70	31	114
December	4295.45	24%	4867.00	27%	18	70	32	116