



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

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**March 9, 2018**

Denyse Morrissey  
CAO  
Town of Shelburne  
203 Main Street East, Box 69  
Shelburne, Ontario  
L9V 3K7

**Re: Safe Drinking Water Act, O. Reg. 170/03 Schedule 22 Summary Report**

Ms. Morrissey

Attached is the 2017 Summary Report for the **Shelburne Water Supply System**. This report has been completed based on the information we have in our records and 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 report covers the period of January 1, 2017 to December 31, 2017.

After your review and inclusion of any additional information, this Summary Report must be provided to the members of the municipal council. The report is not intended for distribution to the Ministry of the Environment and Climate Change.

Section 12 of O. Reg. 170/03, requires both the Summary Report and the Annual Report to 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, as indicated in the Section 11 Annual Report, as required by Section 12 (4) of O. Reg. 170/03.

Sincerely,

A handwritten signature in blue ink, appearing to read "Scott Craggs", with a long horizontal flourish underneath.

Scott Craggs  
Senior Operations Manager  
Highlands Hub  
Ontario Clean Water Agency

SC/di

cc: Don Irvine, PCT



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

**SHELBURNE WATER SUPPLY SYSTEM**  
**Large Municipal Residential Drinking Water System**

**SCHEDULE 22**  
**SUMMARY REPORT**

**For the period of**

**JANUARY 01, 2017 TO DECEMBER 31, 2017**

**Prepared by the Ontario Clean Water Agency  
For the Town of Shelburne**

## **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 01, 2017 to December 31, 2017 for the Shelburne Water Supply System, located in the Town of Shelburne.

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**

There were no issues of non-compliance for the inspection period of December 08, 2016 to December 04, 2017 – an inspection rating of 100.0% was received.

**Provide details on the notices submitted in accordance with subsection 18(1) of the Safe Drinking Water Act or section 16-4 of Schedule 16 of O.Reg.170/03 and reported to Spills Action Centre**

Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
<a href="#">Please refer to the 2017 Section 11 Report</a>					

## 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:

### Summary of Raw Water Flows - Shelburne

#### Well #1 Andrew St. Pumphouse

MDWL (Rated Capacity 2,261 m<sup>3</sup>/day)

MONTH	Avg. Daily Flow Volume m <sup>3</sup>	% Of Approved Volume	MAX Daily Flow Volume m <sup>3</sup> /d	% Of Approved Volume
JANUARY	225.03	9.95	479.00	21.19
FEBRUARY	193.93	8.58	338.00	14.95
MARCH	156.87	6.94	673.00	29.77
APRIL	194.43	8.60	334.00	14.77
MAY	246.39	10.90	492.00	21.76
JUNE	182.43	8.07	259.00	11.46
JULY	191.23	8.46	335.00	14.82
AUGUST	205.87	9.11	347.00	15.35
SEPTEMBER	189.23	8.37	379.00	16.76
OCTOBER	219.00	9.69	510.00	22.56
NOVEMBER	89.87	3.97	569.00	25.17
DECEMBER	183.52	8.12	432.00	19.11

#### Well #3 Cedar St. Pumphouse

MDWL (Rated Capacity 1,309 m<sup>3</sup>/day)

MONTH	Avg. Daily Flow Volume m <sup>3</sup>	% of Approved Volume	MAX Daily Flow Volume m <sup>3</sup> /d	% Of Approved Volume
JANUARY	364.77	27.87	788.00	60.20
FEBRUARY	289.75	22.14	565.00	43.16
MARCH	389.13	29.73	1123.00	85.79
APRIL	219.30	16.75	397.00	30.33
MAY	299.29	22.86	829.00	63.33
JUNE	271.13	20.71	563.00	43.01
JULY	274.16	20.94	565.00	43.16
AUGUST	284.42	21.73	534.00	40.79
SEPTEMBER	316.53	24.18	804.00	61.42
OCTOBER	435.61	33.28	998.00	76.24
NOVEMBER	408.63	31.22	1053.00	80.44
DECEMBER	491.00	37.51	844.00	64.48

## Well #5 &amp; 6 combined (Fourth Line Pumphouse)

MDWL (Rated Capacity 1,987m<sup>3</sup>/day)

MONTH	Avg. Daily Flow Volume m <sup>3</sup>	% Of Approved Flow Rate	MAX Daily Flow Volume m <sup>3</sup> /d	% Of Approved Volume
JANUARY	563.32	28.35	812	40.87
FEBRUARY	597.14	30.05	747	37.59
MARCH	588.10	29.60	*2092*	105.28
APRIL	641.73	32.30	761	38.30
MAY	596.61	30.03	750	37.75
JUNE	563.23	28.35	783	39.41
JULY	562.87	28.33	675	33.97
AUGUST	585.39	29.46	856	43.08
SEPTEMBER	588.87	29.64	733	36.89
OCTOBER	415.19	20.90	723	36.39
NOVEMBER	512.17	25.78	1064	53.55
DECEMBER	507.06	25.52	687	34.57

\* Flow exceedance occurred in March due to well capacity flow testing as per the MOECC requirements for the PTTW

## Well #7 &amp; 8 combined (Second Line SW Pumphouse)

MDWL (Rated Capacity 1,635m<sup>3</sup>/day)

MONTH	Avg. Daily Flow Volume m <sup>3</sup>	% Of Approved Flow Rate	MAX Daily Flow Volume m <sup>3</sup> /d	% Of Approved Volume
JANUARY	700.84	42.86	952	58.23
FEBRUARY	833.43	50.97	1020	62.39
MARCH	923.36	56.47	1555	95.11
APRIL	858.07	52.48	1115	68.20
MAY	825.06	50.46	1049	64.16
JUNE	909.33	55.62	1297	79.33
JULY	821.10	50.22	994	60.80
AUGUST	840.68	51.42	1234	75.47
SEPTEMBER	835.57	51.10	1044	63.85
OCTOBER	944.23	57.75	1555	95.11
NOVEMBER	1169.43	71.52	1555	95.11
DECEMBER	735.58	44.99	976	59.69