



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

SAUGEEN SHORES
DRINKING WATER SYSTEM

Large Municipal Residential

SCHEDULE 22
SUMMARY REPORT

For the period of
JANUARY 1, 2018 TO DECEMBER 31, 2018

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

Summary

This report is a summary of water quantity information submitted in accordance with Schedule 22 of Ontario's Drinking Water System Regulation for the reporting period of January 1, 2018 to December 31, 2018 for the Saugeen Shores 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

An MECP Drinking Water System Inspection was performed on October 24, 2018 for the period of October 17, 2017 to October 24, 2018. On December 17, 2018 the report for the inspection was issued, the Saugeen Shores Drinking Water System received an inspection rating of 100%.

The following is a summary of the requirements of the Act, the regulations, the system's approval, drinking water works permit, municipal drinking water licence, and any orders applicable to the system that were not met at any time during the period covered by the report; as well as the duration of the failure and the measures that were taken to correct the failure:

- There were no non-compliances during the reporting period.

For information on any Adverse Water Quality Incident(s), refer to the Saugeen Shores Drinking Water System Annual Report (Section 11) for the reporting period of January 1, 2018 to December 31, 2018.

Assessment of Flowrates and Quantity of Water Supplied

The following tables summarize the quantities (Table 1) and flow rates (Table 2) of the water supplied during the period covered by the report, including monthly average and maximum daily flows as well as a comparison of the summary to the rated capacity and flow rates approved in the system's approval, drinking water works permit or municipal drinking water licence.

As per Municipal Drinking Water License (MDWL) 093-101 (Issue Number: 2), the maximum daily volume of treated water that flows from the treatment subsystem to the distribution system shall not exceed a rated capacity of 18,000 m³/day. There is no maximum allowable limit listed in the MDWL for the flowrate of water that flows into a treatment subsystem, however, raw water flowrate has been included in this report (Table 3).

Table 1. Treated Water Monthly Average and Maximum Daily Flows and Comparison to Rated Capacity for 2018

2018	Treated Water Flow			
	Average Flow (m ³ /day)	Percent of Rated Capacity	Maximum Flow (m ³ /day)	Percent of Rated Capacity
January	4,722	26.24%	5,058	28.10%
February	4,533	25.18%	4,838	26.88%
March	4,446	24.70%	4,700	26.11%
April	4,655	25.86%	5,757	31.98%
May	5,793	32.18%	7,410	41.17%
June	7,389	41.05%	9,336	51.87%
July	8,209	45.61%	10,065	55.92%
August	7,167	39.82%	8,468	47.04%
September	6,024	33.47%	6,970	38.72%
October	5,028	27.93%	5,655	34.42%
November	4,516	25.09%	4,811	26.73%
December	4,416	24.53%	4,810	26.72%

Table 2. Treated Water Monthly Average and Maximum Flowrates for 2018

2018	Treated Water: Zone 1		Treated Water: Zone 2	
	Average Flowrate (l/s)	Maximum Flowrate (l/s)	Average Flowrate (l/s)	Maximum Flowrate (l/s)
January	22	70	33	113
February	22	70	31	113
March	21	70	31	113
April	21	117	33	115
May	26	128	42	124
June	32	107	53	116
July	39	122	56	124
August	35	119	48	116
September	28	69	41	115
October	24	69	34	115
November	21	69	31	116
December	21	69	30	114

Table 3. Raw Water Monthly Average and Maximum Flowrates for 2018

2018	Raw Water	
	Average Flowrate (l/s)	Maximum Flowrate (l/s)
January	62	218
February	60	202
March	59	192
April	61	182
May	74	209
June	94	234
July	104	228
August	91	233
September	77	229
October	64	218
November	58	220
December	57	213