



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, 2020 TO DECEMBER 31, 2020

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, 2020 to December 31, 2020 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 March 2, 2021 for the period of January 16, 2020 to March 2, 2021. As of the issue date of the Schedule 22 Summary Report (March 9, 2021), the Inspection Report has not yet been issued and an inspection rating has not yet been received.

The following is a summary of the requirements of the Act, the regulations, the system's approval, drinking water works permit, municipal drinking water license, 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:

- Instances of non-compliances are awaiting final results from the MECP Inspection conducted on March 2, 2021.

The Operating Authority reported the following incidents to the MECP as non-compliances. Confirmation of whether the incidents are considered non-compliances will be noted in the MECP Inspection Report.

Reported Non-Compliance(s)	Duration	Required Actions & Corrective Actions
n/a	n/a	n/a

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, 2020 to December 31, 2020.

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 license.

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 2020

2020	Treated Water Flow			
	Average Flow (m ³ /day)	Percent of Rated Capacity	Maximum Flow (m ³ /day)	Percent of Rated Capacity
January	4,419	24.55%	4,834	26.86%
February	4,383	24.35%	4,708	26.16%
March	4,506	25.03%	5,540	30.78%
April	4,453	24.74%	5,053	28.07%
May	5,492	30.51%	7,600	42.22%
June	7,585	42.14%	9,044	50.24%
July	8,264	45.91%	11,414	63.41%
August	7,182	39.90%	8,363	46.46%
September	5,829	32.38%	6,631	36.84%
October	4,941	27.45%	7,659	42.55%
November	4,396	24.42%	5,003	27.79%
December	4,278	23.77%	4,858	26.99%

Table 2. Treated Water Monthly Average and Maximum Flowrates for 2020

2020	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	18.83	124.36	32.32	115.22
February	18.97	127.51	31.76	113.07
March	20.34	69.50	31.89	114.87
April	20.21	69.21	31.33	118.24
May	23.37	69.30	40.20	116.21
June	32.64	117.32	55.16	116.54
July	37.46	125.42	58.19	121.44
August	33.03	70.01	50.10	116.40
September	4.52	69.48	62.95	120.83
October	1.52	60.00	55.67	119.96
November	16.82	69.38	34.07	116.04
December	17.43	69.49	32.08	117.55

Table 3. Raw Water Monthly Average and Maximum Flowrates for 2020

2020	Raw Water	
	Average Flowrate (l/s)	Maximum Flowrate (l/s)
January	58.13	177.78
February	56.13	201.09
March	58.69	185.61
April	57.89	200.73
May	69.65	202.37
June	95.20	228.43
July	103.18	246.12
August	89.25	243.14
September	72.50	247.59
October	61.91	217.44
November	55.06	221.46
December	55.45	224.46