



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

**DRAYTON**  
**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 Township of Mapleton

## 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, 2018 to December 31, 2018 for the Drayton Drinking Water System located in the Township of Mapleton. 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 June 12, 2018. On July 18, 2018 the report for this inspection was issued, the Drayton Drinking Water System received an inspection rating of 99.33%.

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:

Non-Compliance(s)	Duration	Required Actions & Corrective Actions
<ul style="list-style-type: none"> <li>• The Owner did not have up-to-date documents describing the distribution components as required</li> </ul>		During the preparation of the inspection report the operating authority requested updated distribution plans from the Town’s engineers/consultants, which was forwarded to the Ministry. No further actions required.

Refer to the Section 11 Annual Report for a summary of any Adverse Water Quality Incident(s) which occurred during the reporting period.

## Assessment of Flowrates and Quantity of Water Supplied

The following table summarize the quantities (Table 1) 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) 105-101 (Issue Number: 2, expires November 22, 2020), the maximum daily volume of treated water that flows from the treatment subsystem to the distribution system shall not exceed a rated capacity of 3,928 m<sup>3</sup>/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 2, 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 <sup>3</sup> /day)	Percent of Rated Capacity	Maximum Flow (m <sup>3</sup> /day)	Percent of Rated Capacity
January	299.36	7.62%	383.51	9.76%
February	294.46	7.50%	373.47	9.51%
March	291.95	7.43%	399.63	10.17%
April	339.20	8.64%	1819.51	46.32%
May	347.19	8.84%	481.04	12.25%
June	350.55	8.92%	474.58	12.08%
July	461.55	11.75%	653.53	16.64%
August	419.81	10.69%	478.43	12.18%
September	430.00	10.95%	550.79	14.02%
October	375.66	9.56%	444.34	11.31%
November	372.22	9.48%	514.24	13.09%
December	382.59	9.74%	477.56	12.16%

**Table 2. Raw Water Maximum Flowrates for 2018 (Well 1)**

2018	Raw Water
	Maximum Flowrate (l/s)
January	20.90
February	20.10
March	21.30
April	20.20
May	21.10
June	20.30
July	21.00
August	20.30
September	20.40
October	20.60
November	20.70
December	20.40

**Table 3.** Raw Water Maximum Flowrates for 2018 (Well 2)

<b>2018</b>	<b>Raw Water</b>
	<b>Maximum Flowrate (l/s)</b>
<b>January</b>	19.60
<b>February</b>	19.30
<b>March</b>	19.40
<b>April</b>	19.40
<b>May</b>	19.60
<b>June</b>	19.50
<b>July</b>	19.50
<b>August</b>	19.10
<b>September</b>	19.30
<b>October</b>	19.40
<b>November</b>	19.30
<b>December</b>	19.30