



# Ontario Clean Water Agency Agence Ontarienne Des Eaux

Patty Sinnamon, CAO  
The Corporation of the Township of Chatsworth  
R.R. #1  
Chatsworth, Ontario  
N0H 1G0

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

Ms. Sinnamon,

Attached is the 2018 Summary Report for the **Walter's Falls Water Treatment Plant**. This report has been completed based on the information we have in our records and in accordance with Schedule 22 of Ontario Regulation 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, 2018 to December 31, 2018.

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, Conservation and Parks.

Section 12 of Ontario Regulation 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 for 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.

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

Sincerely,

A handwritten signature in blue ink, appearing to read 'Leo-Paul Frigault'.

Leo-Paul Frigault  
Senior Operations Manager  
OCWA, Georgian Highlands Region



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

**WALTER'S FALLS**  
**DRINKING WATER SYSTEM**

Small 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 Chatsworth

## 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 Walter's Falls Drinking Water System located in the Township of Chatsworth. 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 July 09, 2018. On September 12, 2018 the report for this inspection was issued, the Walter's Falls 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 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:

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

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 summarizes the quantities and flow rates 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) 241-101 (Issue Number: 3, expires November 19, 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 655.2 m<sup>3</sup>/day.

**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<br><small>(MDWL Rated Capacity 655.2 m<sup>3</sup>/day)</small> | Maximum Flow (m <sup>3</sup> /day) | Percent of Rated Capacity<br><small>(MDWL Rated Capacity 655.2 m<sup>3</sup>/day)</small> |
| <b>January</b>   | 18.8                               | 2.9%  | 33.0                               | 5.0%  |
| <b>February</b>  | 17.6                               | 2.7%  | 22.3                               | 3.4%  |
| <b>March</b>     | 18.3                               | 2.8%  | 43.0                               | 6.6%  |
| <b>April</b>     | 20.2                               | 3.1%  | 50.0                               | 7.6%  |
| <b>May</b>       | 25.0                               | 3.8%  | 42.0                               | 6.4%  |
| <b>June</b>      | 30.7                               | 4.7%  | 39.7                               | 6.1%  |
| <b>July</b>      | 37.3                               | 5.7%  | 72.0                               | 11.0%   |
| <b>August</b>    | 26.1                               | 4.0%  | 37.0                               | 5.6%  |
| <b>September</b> | 24.1                               | 3.7%  | 36.0                               | 5.5%  |
| <b>October</b>   | 26.0                               | 4.0%  | 44.0                               | 6.7%  |
| <b>November</b>  | 17.8                               | 2.7%  | 41.0                               | 6.3%  |
| <b>December</b>  | 15.2                               | 2.3%  | 22.0                               | 3.4%  |

Please refer to Appendix A for the PTTW flow and flow rate data for Well 1 and Well 2.

# Appendix A

## Walter's Falls Drinking Water System

Water taking permitted as per PTTW #2581-8C4JRW

Flow & Flowrates for Well 1 & 2

## Facility Flow Summary

Drinking-Water System Number: 220007034  
 Drinking-Water System Name: WALTER'S FALLS DRINKING WATER SYSTEM  
 Drinking-Water System Owner: Township of Chatsworth  
 Drinking-Water System Category: Small Municipal Residential  
 Municipal Drinking Water License: 241-101  
 Period being reported: 01/2018 12/2018

### Raw Water

**Raw Water (Source Name)** Raw Water - Well 1  
**Source Type:** Drilled  
**Drinking Water Permit to Take Water No:** 2581-8C4JRW

| Month           | Monthly Flow Total<br>(m3/month) | Daily Flow<br>Average<br>(m3/day) | Daily Flow<br>Maximum<br>(m3/day) | Daily Flow<br>Peak Flow Rate<br>(L/sec) |
|-----------------|----------------------------------|-----------------------------------|-----------------------------------|---|
| Jan             | 522.00                           | 16.84                             | 29.00                             | 10.00                                   |
| Feb             | 429.00                           | 15.32                             | 60.00                             | 10.00                                   |
| Mar             | 684.87                           | 22.09                             | 49.20                             | 7.10                                    |
| Apr             | 713.88                           | 23.80                             | 48.63                             | 6.43                                    |
| May             | 865.77                           | 27.93                             | 50.60                             | 6.32                                    |
| Jun             | 993.19                           | 33.11                             | 52.26                             | 6.87                                    |
| Jul             | 1060.40                          | 34.21                             | 52.20                             | 6.40                                    |
| Aug             | 1030.34                          | 33.24                             | 135.20                            | 7.20                                    |
| Sep             | 874.00                           | 29.13                             | 40.00                             | 6.98                                    |
| Oct             | 971.00                           | 31.32                             | 43.00                             | 6.82                                    |
| Nov             | 646.00                           | 21.53                             | 41.00                             | 7.17                                    |
| Dec             | 616.00                           | 19.87                             | 29.00                             | 7.07                                    |
|                 |                                  |                                   |                                   |   |
| <b>Total</b>    | 9406.45                          | 308.39                            | 630.08                            | 88.35                                   |
| <b>Avg</b>      | 783.87                           | 25.70                             | 52.51                             | 7.36                                    |
| <b>Max</b>      | 1060.40                          | 34.21                             | 135.20                            | 10.00                                   |
| <b>Criteria</b> |                                  |                                   | 662.07                            | 16.72                                   |

## Facility Flow Summary

Drinking-Water System Number: 220007034  
 Drinking-Water System Name: WALTER'S FALLS DRINKING WATER SYSTEM  
 Drinking-Water System Owner: Township of Chatsworth  
 Drinking-Water System Category: Small Municipal Residential  
 Municipal Drinking Water License: 241-101  
 Period being reported: 01/2018 12/2018

### Raw Water

Raw Water (Source Name) Raw Water - Well 2  
 Source Type: Drilled  
 Drinking Water Permit to Take Water No: 2581-8C4JRW

| Month           | Monthly Flow Total<br>(m3/month) | Daily Flow<br>Average (m3/day) | Daily Flow<br>Maximum<br>(m3/day) | Daily Flow<br>Peak Flow Rate<br>(L/sec) |
|-----------------|----------------------------------|--------------------------------|-----------------------------------|---|
| Jan             | 167.00                           | 5.39                           | 29.00                             | 6.96                                    |
| Feb             | 230.00                           | 8.21                           | 30.00                             | 6.46                                    |
| Mar             | 3.68                             | 0.12                           | 3.68                              | 6.43                                    |
| Apr             | 3.30                             | 0.11                           | 2.48                              | 6.96                                    |
| May             | 4.18                             | 0.13                           | 2.09                              | 6.20                                    |
| Jun             | 6.84                             | 0.23                           | 4.56                              | 6.15                                    |
| Jul             | 4.78                             | 0.15                           | 4.78                              | 6.01                                    |
| Aug             | 5.66                             | 0.18                           | 3.78                              | 6.45                                    |
| Sep             | 6.00                             | 0.20                           | 5.00                              | 6.64                                    |
| Oct             | 5.00                             | 0.16                           | 4.00                              | 6.87                                    |
| Nov             | 3.00                             | 0.12                           | 3.00                              | 7.17                                    |
| Dec             | 7.00                             | 0.23                           | 5.00                              | 7.04                                    |
|                 |                                  |                                |                                   |   |
| <b>Total</b>    | 446.44                           | 15.23                          | 97.37                             | 79.34                                   |
| <b>Avg</b>      | 37.20                            | 1.27                           | 8.11                              | 6.61                                    |
| <b>Max</b>      | 230.00                           | 8.21                           | 30.00                             | 7.17                                    |
| <b>Criteria</b> |                                  |                                | 662.07                            | 16.72                                   |