



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

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March 9, 2018

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 2017 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 O. Reg. 170/03, under the Safe Drinking Water Act, which requires a Summary Report to be prepared not later than March 31st 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".

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**

WALTER'S FALLS WATER TREATMENT

Small Municipal Residential Drinking Water System

SCHEDULE 22 SUMMARY REPORT

For the period of:
JANUARY 1, 2017 TO DECEMBER 31, 2017

Prepared by the Ontario Clean Water Agency
For 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 01, 2017 to December 31, 2017 for the Walter's Falls Water Treatment Plant, located in the Township of Chatsworth.

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 August 24, 2016 to June 28, 2017– an inspection rating of 100% was received.

The following tables list the requirements of the Act, Regulations, System Approval (s) and any Order that the system failed to meet during the reporting period and the measures taken to correct each failure:

Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
Please refer to the 2017 Section 11 Report					
There were no incidents during this reporting period					

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 – Walter's Falls Pumphouse

Walter's Falls Treated - Well # 1 & 2 combined

MDWL (Rated Capacity 655.2 m³/day)

MONTH	Avg. Daily Volume m³	% Of Approved Volume	MAX Daily Volume m³/d	% Of Approved Volume
JANUARY	21.94	3.35	32	4.88
FEBRUARY	22.64	3.46	46	7.02
MARCH	21.03	3.21	41	6.26
APRIL	29.03	4.43	41	6.26
MAY	30.13	4.60	75	11.45
JUNE	26.33	4.02	40	6.11
JULY	31.71	4.84	46	7.02
AUGUST	28.94	4.42	40	6.11
SEPTEMBER	25.93	3.96	56	8.55
OCTOBER	28.52	4.35	53	8.09
NOVEMBER	22.87	3.49	29	4.43
DECEMBER	25.00	3.82	99	15.11

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

Location:

RW – Raw Water – Well #1

RW – Raw Water – Well #2

Facility Flow Summary

Drinking-Water System Number: 220007034
 Drinking-Water System Name: WALTER'S FALLS DRINKING WATER SYSTEM
 Drinking-Water System Owner: Title Holder: Corporation/Company
 Drinking-Water System Category: Small Municipal Residential
 Municipal Drinking Water License: 241-101
 Period being reported: Jan-17 Dec-17

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 (m3/month)	Daily Flow Average (m3/day)	Daily Flow Maximum (m3/day)	Daily Flow Peak Flow Rate (L/min)	Daily Flow Peak Flow Rate (L/sec)
Jan	662.00	21.35	32.00		7.33
Feb	376.00	13.43	46.00		7.09
Mar	634.00	20.45	41.00		6.71
Apr	663.00	22.10	41.00		6.56
May	921.00	29.71	75.00		6.58
Jun	683.00	22.77	40.00		6.76
Jul	15.00	0.48	5.00		
Aug	474.00	15.29	39.00		6.79
Sep	770.00	25.67	56.00		6.75
Oct	410.00	13.23	39.00		6.86
Nov	670.00	22.33	29.00		7.15
Dec	755.00	24.35	99.00		7.20
Total	7033.00	231.17	542.00		75.78
Avg	586.08	19.26	45.17		6.89
Max	921.00	29.71	99.00		7.33
Criteria			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: Title Holder: Corporation/Company
 Drinking-Water System Category: Small Municipal Residential
 Municipal Drinking Water License: 241-101
 Period being reported: Jan-17 Dec-17

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 (m3/month)	Daily Flow Average (m3/day)	Daily Flow Maximum (m3/day)	Daily Flow Peak Flow Rate (L/min)	Daily Flow Peak Flow Rate (L/sec)
Jan	18.00	0.60	11.00		
Feb	258.00	9.21	40.00		6.80
Mar	18.00	0.58	7.00		
Apr	208.00	6.93	39.00		6.50
May	13.00	0.42	6.00		
Jun	107.00	3.57	37.00		6.76
Jul	968.00	31.23	46.00		6.85
Aug	423.00	13.65	40.00		6.75
Sep	8.00	0.27	4.00		
Oct	474.00	15.29	40.00		6.82
Nov	16.00	0.53	7.00		
Dec	20.00	0.69	8.00		6.90
Total	2531.00	82.97	285.00		47.38
Avg	210.92	6.91	23.75		6.77
Max	968.00	31.23	46.00		6.90
Criteria			662.07		16.72