



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

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February 22, 2019

Mr. Manny Baron
CAO Clerk
Township of Mapleton
P.O. Box 160
Drayton, ON
N0G 1P0

Re: Section 11 Reports of Ontario Regulation 170/03

Mr. Baron;

Please find attached the 2018 Annual Reports for the Drayton Water System, Waterworks # 220004046 and the Moorefield Water System, Waterworks # 220069732. The reports have been prepared as per Section 11 of O.Reg. 170/03 by the Ontario Clean Water Agency on behalf of the Township of Mapleton. These reports no longer have to be submitted to the Ministry of the Environment and Climate Change.

As per O.Reg. 170/03; Section 12 (4); these reports must be made available to any member of the public during normal business hours without charge at the office of the owner. If the office of the owner is not reasonably convenient to users of water from the system, the reports must be made available at a location that is reasonably convenient to those users.

Should you have any further questions regarding the attached report, please contact the undersigned at (519) 925-1938.

Sincerely,

A handwritten signature in blue ink, appearing to read "Don Irvine", with a long horizontal line extending to the right.

Don Irvine
Senior Operations Manager
Highlands Hub

DI/mc

cc: Melissa Cortes, PCT

Drinking-Water System Number:	220004064
Drinking-Water System Name:	Drayton Drinking Water System
Drinking-Water System Owner:	The Corporation of the Township of Mapleton
Drinking-Water System Category:	Large Municipal Residential
Period being reported:	January 1, 2018 – December 31, 2018

<u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u>	<u>Complete for all other Categories.</u>
<p>Does your Drinking-Water System serve more than 10,000 people? Yes [] No [X]</p> <p>Is your annual report available to the public at no charge on a web site on the Internet? Yes [X] No []</p> <p>Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection. Office of Township of Mapleton 7275 Sideroad 16 Drayton Ontario, NOG 1P0</p>	<p>Number of Designated Facilities served: Not applicable.</p> <p>Did you provide a copy of your annual report to all Designated Facilities you serve? Not applicable.</p> <p>Number of Interested Authorities you report to: Not applicable.</p> <p>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Not applicable.</p>

Note: For the following tables below, additional rows or columns may be added or an appendix may be attached to the report

List all Drinking-Water Systems (if any), which receive all of their drinking water from your system:

Drinking Water System Name	Drinking Water System Number
Not Applicable.	Not Applicable.

Did you provide a copy of your annual report to all Drinking-Water System owners that are connected to you and to whom you provide all of its drinking water?

Not applicable.

Indicate how you notified system users that your annual report is available, and is free of charge.

- Public access/notice via the web
- Public access/notice via Government Office
- Public access/notice via a newspaper
- Public access/notice via Public Request
- Public access/notice via a Public Library
- Public access/notice via other method: _____

Describe your Drinking-Water System

The Drayton Water Supply System is a ground water supply, treatment and storage system, serving the Village of Drayton in the Township of Mapleton. There are two wells, Well #1 is 66.29 m deep bedrock and Well #2 is 67.05 m deep bedrock within the same aquifer. Both wells are located within the pumphouse and are approved to supply water at a maximum flow rate of 1,364 L/min and a maximum daily flow of 3,928 m³/day from the system.

Before entering the distribution system from these wells, the raw water is treated by adding a disinfectant to protect against microbial contaminants. The water is disinfected with sodium hypochlorite solution (chlorine) and iron sequestering (sodium silicate), prior to entering the in-ground reservoir. Residual chlorine levels are maintained in the distribution system to effectively provide disinfection throughout the entire system.

The treated water in the pumphouse is pumped into a four-celled in ground reservoir with a total storage capacity of approximately 405m³. The treated water in the reservoir is distributed by high pumps through 9.88 kilometers of watermain.

List all water treatment chemicals used over this reporting period

- Sodium Hypochlorite 12% Solution NSF, Disinfection
- Sodium Silicate, Iron Sequestering, NSF

Were any significant expenses incurred to?

- Install required equipment
- Repair required equipment
- Replace required equipment
- No significant expenses were incurred

Please provide a brief description of any significant expenses incurred

- Flowmetrix on site for annual flow meter calibrations – no issues found
- Sommers Generators – Annual load testing
- JJ McLellan Plumbing – annual backflow preventer inspections
- SAI Global – 12 month Reaccreditation Audit
- Belwood Electric – Replaced chlorine and turbidity analyzer and UPS as well as pressure gage and mercury switch on high lift 4
- OCWA Conveyance Group – annual hydrant flushing and flow testing
- Belwood Electric – Replaced lighting inside building
- Brights Water Service & Flowmetrix – replaced faulty distribution flow meter while Brights Water supplied water and pressure to distribution

Provide details on the notices submitted in accordance with subsection 18(1) of the Safe Drinking-Water Act or section 16-4 of Schedule 16 of O.Reg.170/03 and reported to Spills Action Centre

Incident Date (yyyy/mm/dd)	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date (yyyy/mm/dd)
n/a	n/a	n/a	n/a	n/a	n/a

Table 1. Microbiological testing done under the Schedule 10, 11 or 12 of Regulation 170/03, during this reporting period.

Location	Number of Samples	Range of E.coli Results		Range of Total Coliforms Results		Number of HPC Samples	Range of HPC Samples	
		Min.	Max.	Min.	Max.		Min.	Max.
Raw Water - Well 1	53	0	0	0	0	n/a	n/a	n/a
Raw Water - Well 2	53	0	0	0	0	n/a	n/a	n/a
Treated Water	53	0	0	0	0	53	0	1
DW location	145	0	0	0	0	90	0	69

Table 2. Operational testing done under Schedule 7, 8 or 9 during the period covered by this Annual Report.

	Number of Grab Samples	Range of Results	
		Minimum	Maximum
Raw Water			
Turbidity, Well 1 (NTU)	12	0.11	0.21
Turbidity, Well 2 (NTU)	12	0.13	0.22
Treated Water			
Free Chlorine Residual, TW (mg/L)	8760	1.03	1.75
Distribution Water			
Free Chlorine Residual, DW (mg/L)	458	0.62	1.68

NOTE: For continuous monitors use 8760 as the number of sample.

Table 3. Summary of additional testing and sampling carried out in accordance with the requirement of an approval, order or other legal instrument.

Date of legal instrument issued	Parameter	Date Sampled	Result	Unit of Measure
n/a	n/a	n/a	n/a	n/a

Table 4. Summary of Inorganic parameters tested during this reporting period or most recent sample results

TREATED WATER	Sample Date (yyyy/mm/dd)	Sample Result	MAC	No. of Exceedances	
				MAC	1/2 MAC
Antimony: Sb (ug/L) - TW	2016/01/11	<MDL 0.02	6.0	No	No
Arsenic: As (ug/L) - TW	2016/01/11	3.4	10.0	No	No
Barium: Ba (ug/L) - TW	2016/01/11	194.0	1000.0	No	No
Boron: B (ug/L) - TW	2016/01/11	44.7	5000.0	No	No
Cadmium: Cd (ug/L) - TW	2016/01/11	<MDL 0.003	5.0	No	No
Chromium: Cr (ug/L) - TW	2016/01/11	<MDL 0.03	50.0	No	No
Mercury: Hg (ug/L) - TW	2016/01/11	<MDL 0.01	1.0	No	No
Selenium: Se (ug/L) - TW	2016/01/11	<MDL 0.04	50.0	No	No
Uranium: U (ug/L) - TW	2016/01/11	0.067	20.0	No	No
Additional Inorganics					
Fluoride (mg/L) - TW	2018/09/11	0.48	1.5	No	No

Nitrite (mg/L) - TW	2018/01/16	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW	2018/06/27	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW	2018/04/17	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW	2018/10/10	<MDL 0.003	1.0	No	No
Nitrate (mg/L) - TW	2018/01/16	0.006	10.0	No	No
Nitrate (mg/L) - TW	2018/06/27	0.008	10.0	No	No
Nitrate (mg/L) - TW	2018/04/17	<MDL 0.006	10.0	No	No
Nitrate (mg/L) - TW	2018/10/10	0.006	10.0	No	No
Sodium: Na (mg/L) - TW	2018/09/11	18.8	20*	No	Yes

*There is no "MAC" for Sodium. The aesthetic objective for sodium in drinking water is 200 mg/L. The local Medical Officer of Health should be notified when the sodium concentration exceeds 20 mg/L so that this information may be communicated to local physicians for their use with patients on sodium restricted diets.

Table 5. Summary of lead testing under Schedule 15.1 during this reporting period (applicable to the following drinking water systems; large municipal residential systems, small municipal residential systems, and non-municipal year-round residential systems)

Location Type	Number of Samples	Range of Results		MAC	Number of Exceedances
		Minimum	Maximum		
Distribution - Lead Results (µg/L)	1	0.31	0.31	10	0
Distribution - Alkalinity (mg/L)	4	214	230	n/a	n/a
DW location - pH In-House	4	6.91	7.44	n/a	n/a

The Drayton Drinking Water Systems qualifies for plumbing exemption.

Table 6. Summary of Organic parameters sampled during this reporting period or the most recent sample results

TREATED WATER	Sample Date (yyyy/mm/dd)	Sample Result	MAC	Number of Exceedances	
				MAC	1/2 MAC
Alachlor (ug/L) - TW	2016/01/11	<MDL 0.02	5.00	No	No
Atrazine + N-dealkylated metabolites (ug/L) - TW	2016/01/11	<MDL 0.01	5.00	No	No
Azinphos-methyl (ug/L) - TW	2016/01/11	<MDL 0.05	20.00	No	No
Benzene (ug/L) - TW	2016/01/11	<MDL 0.32	1.00	No	No
Benzo(a)pyrene (ug/L) - TW	2016/01/11	<MDL 0.004	0.01	No	No
Bromoxynil (ug/L) - TW	2016/01/11	<MDL 0.33	5.00	No	No
Carbaryl (ug/L) - TW	2016/01/11	<MDL 0.05	90.00	No	No
Carbofuran (ug/L) - TW	2016/01/11	<MDL 0.01	90.00	No	No
Carbon Tetrachloride (ug/L) - TW	2016/01/11	<MDL 0.16	2.00	No	No
Chlorpyrifos (ug/L) - TW	2016/01/11	<MDL 0.02	90.00	No	No
Diazinon (ug/L) - TW	2016/01/11	<MDL 0.02	20.00	No	No
Dicamba (ug/L) - TW	2016/01/11	<MDL 0.2	120.00	No	No
1,2-Dichlorobenzene (ug/L) - TW	2016/01/11	<MDL 0.41	200.00	No	No

1,4-Dichlorobenzene (ug/L) - TW	2016/01/11	<MDL 0.36	5.00	No	No
1,2-Dichloroethane (ug/L) - TW	2016/01/11	<MDL 0.35	5.00	No	No
1,1-Dichloroethylene (ug/L) - TW	2016/01/11	<MDL 0.33	14.00	No	No
Dichloromethane (Methylene Chloride) (ug/L) - TW	2016/01/11	<MDL 0.35	50.00	No	No
2,4-Dichlorophenol (ug/L) - TW	2016/01/11	<MDL 0.15	900.00	No	No
2,4-Dichlorophenoxy acetic acid (2,4-D) (ug/L) - TW	2016/01/11	<MDL 0.19	100.00	No	No
Diclofop-methyl (ug/L) - TW	2016/01/11	<MDL 0.4	9.00	No	No
Dimethoate (ug/L) - TW	2016/01/11	<MDL 0.03	20.00	No	No
Diquat (ug/L) - TW	2016/01/11	<MDL 1.0	70.00	No	No
Diuron (ug/L) - TW	2016/01/11	<MDL 0.03	150.00	No	No
Glyphosate (ug/L) - TW	2016/01/11	<MDL 1.0	280.00	No	No
Malathion (ug/L) - TW	2016/01/11	<MDL 0.02	190.00	No	No
Metolachlor (ug/L) - TW	2016/01/11	<MDL 0.01	50.00	No	No
Metribuzin (ug/L) - TW	2016/01/11	<MDL 0.02	80.00	No	No
Monochlorobenzene (Chlorobenzene) (ug/L) - TW	2016/01/11	<MDL 0.3	80.00	No	No
Paraquat (ug/L) - TW	2016/01/11	<MDL 1.0	10.00	No	No
PCB (ug/L) - TW	2016/01/11	<MDL 0.04	3.00	No	No
Pentachlorophenol (ug/L) - TW	2016/01/11	<MDL 0.15	60.00	No	No
Phorate (ug/L) - TW	2016/01/11	<MDL 0.01	2.00	No	No
Picloram (ug/L) - TW	2016/01/11	<MDL 1.0	190.00	No	No
Prometryne (ug/L) - TW	2016/01/11	<MDL 0.03	1.00	No	No
Simazine (ug/L) - TW	2016/01/11	<MDL 0.01	10.00	No	No
Terbufos (ug/L) - TW	2016/01/11	<MDL 0.01	1.00	No	No
Tetrachloroethylene (ug/L) - TW	2016/01/11	<MDL 0.35	10.00	No	No
2,3,4,6-Tetrachlorophenol (ug/L) - TW	2016/01/11	<MDL 0.2	100.00	No	No
Triallate (ug/L) - TW	2016/01/11	<MDL 0.01	230.00	No	No
Trichloroethylene (ug/L) - TW	2016/01/11	<MDL 0.44	5.00	No	No
2,4,6-Trichlorophenol (ug/L) - TW	2016/01/11	<MDL 0.25	5.00	No	No
2-methyl-4-chlorophenoxyacetic acid (MCPA) (ug/L) - TW	2016/01/11	<MDL 0.12	100.00	No	No
Trifluralin (ug/L) - TW	2016/01/11	<MDL 0.02	45.00	No	No
Vinyl Chloride (ug/L) - TW	2016/01/11	<MDL 0.17	1.00	No	No
DISTRIBUTION WATER					
Trihalomethane: Total (ug/L) Annual Average - DW	2018/01/01	14.5	100.00	No	No
HAA Total (ug/L) Annual Average - DW	2018/01/01	5.3		N/A	N/A

Table 7. List any Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards. (Only if DWS category is large municipal residential, small municipal residential, large municipal non-residential, non-municipal year round residential, large non municipal non-residential)

Refer to Table 4 and Table 5 for any Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards.

Drinking-Water System Number:	260069732
Drinking-Water System Name:	Moorefield Drinking Water System
Drinking-Water System Owner:	The Corporation of the Township of Mapleton
Drinking-Water System Category:	Large Municipal Residential
Period being reported:	January 1, 2018 – December 31, 2018

<u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u>	<u>Complete for all other Categories.</u>
<p>Does your Drinking-Water System serve more than 10,000 people? Yes [] No [X]</p> <p>Is your annual report available to the public at no charge on a web site on the Internet? Yes [X] No []</p> <p>Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection. Office of Township of Mapleton 7275 Sideroad 16 Drayton Ontario, NOG 1P0</p>	<p>Number of Designated Facilities served: Not applicable.</p> <p>Did you provide a copy of your annual report to all Designated Facilities you serve? Not applicable.</p> <p>Number of Interested Authorities you report to: Not applicable.</p> <p>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Not applicable.</p>

Note: For the following tables below, additional rows or columns may be added or an appendix may be attached to the report

List all Drinking-Water Systems (if any), which receive all of their drinking water from your system:

Drinking Water System Name	Drinking Water System Number
Not Applicable.	Not Applicable.

Did you provide a copy of your annual report to all Drinking-Water System owners that are connected to you and to whom you provide all of its drinking water?

Not applicable.

Indicate how you notified system users that your annual report is available, and is free of charge.

<input checked="" type="checkbox"/>	Public access/notice via the web
<input checked="" type="checkbox"/>	Public access/notice via Government Office
<input type="checkbox"/>	Public access/notice via a newspaper
<input checked="" type="checkbox"/>	Public access/notice via Public Request
<input type="checkbox"/>	Public access/notice via a Public Library
<input type="checkbox"/>	Public access/notice via other method: _____

Describe your Drinking-Water System

The Moorefield Water Supply System is a ground water supply, treatment and storage system, serving the Hamlet of Moorefield in the Township of Mapleton. There are two wells, one at 119 and one at 73.2 meters deep, in bedrock within the same aquifer. Both wells are located outdoors, approximately 55 meters east of the pumphouse and are approved to supply water at a maximum flow rate of 660 L/min and 420 L/min from the system.

Before entering the distribution system from these wells, the raw water is treated by adding a disinfectant to protect against microbial contaminants. The water is disinfected with sodium hypochlorite solution (chlorine). Treated water is then pumped from the pumphouse to the water storage standpipe providing a total storage capacity of approximately 387 m³ for equalization and emergency storage and chlorine contact requirements. The treated water, in the water storage standpipe, is distributed by four high lift pumps through approximately 4.0 kilometers of watermain. Residual chlorine levels are maintained in the distribution system to effectively provide disinfection throughout the entire system.

List all water treatment chemicals used over this reporting period

- Sodium Hypochlorite 12% Solution NSF, Disinfection

Were any significant expenses incurred to?

- Install required equipment
 Repair required equipment
 Replace required equipment
 No significant expenses were incurred

Please provide a brief description of any significant expenses incurred

- Caldecott Millwrights – Replaced all tubing and valves for chlorine pumps on skids 1 and 2
- SAI Global – 12 month Reaccreditation Audit
- JJ McLellan Plumbing – annual backflow preventer inspections
- Belwood Electric – Replaced lighting inside building
- Sommers Generators – Annual load testing
- Flowmetrix on site for annual flow meter calibrations – no issues found
- Syntec Solutions – High Lift 2 singer valve inspection and parts replaced

Provide details on the notices submitted in accordance with subsection 18(1) of the Safe Drinking-Water Act or section 16-4 of Schedule 16 of O.Reg.170/03 and reported to Spills Action Centre

Incident Date (yyyy/mm/dd)	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date (yyyy/mm/dd)
n/a	n/a	n/a	n/a	n/a	n/a

Table 1. Microbiological testing done under the Schedule 10, 11 or 12 of Regulation 170/03, during this reporting period.

Location	Number of Samples	Range of E.coli Results		Range of Total Coliforms Results		Number of HPC Samples	Range of HPC Samples	
		Min.	Max.	Min.	Max.		Min.	Max.
Raw Water - Well 1	52	0	0	0	2	n/a	n/a	n/a
Raw Water - Well 2	52	0	0	0	0	n/a	n/a	n/a
Treated Water	52	0	0	0	0	52	0	2
DW location	129	0	0	0	0	81	0	10

Table 2. Operational testing done under Schedule 7, 8 or 9 during the period covered by this Annual Report.

	Number of Grab Samples	Range of Results	
		Minimum	Maximum
Raw Water			
Turbidity, Well 1 (NTU)	12	0.07	0.15
Turbidity, Well 2 (NTU)	12	0.05	0.13
Treated Water			
Free Chlorine Residual, TW (mg/L)	8760	0.63	1.77
Distribution Water			
Free Chlorine Residual, DW (mg/L)	468	0.35	1.58

NOTE: For continuous monitors use 8760 as the number of sample.

Table 3. Summary of additional testing and sampling carried out in accordance with the requirement of an approval, order or other legal instrument.

Date of legal instrument issued	Parameter	Date Sampled	Result	Unit of Measure
n/a	n/a	n/a	n/a	n/a

Table 4. Summary of Inorganic parameters tested during this reporting period or most recent sample results

TREATED WATER	Sample Date (yyyy/mm/dd)	Sample Result	MAC	No. of Exceedances	
				MAC	1/2 MAC
Antimony: Sb (ug/L) - TW	2018/07/26	<MDL 0.02	6.0	No	No
Arsenic: As (ug/L) - TW	2018/07/26	<MDL 0.2	10.0	No	No
Barium: Ba (ug/L) - TW	2018/07/26	208.0	1000.0	No	No
Boron: B (ug/L) - TW	2018/07/26	28.0	5000.0	No	No
Cadmium: Cd (ug/L) - TW	2018/07/26	<MDL 0.003	5.0	No	No
Chromium: Cr (ug/L) - TW	2018/07/26	0.1	50.0	No	No
Mercury: Hg (ug/L) - TW	2018/07/26	<MDL 0.01	1.0	No	No
Selenium: Se (ug/L) - TW	2018/07/26	<MDL 0.04	50.0	No	No
Uranium: U (ug/L) - TW	2018/07/26	0.028	20.0	No	No
Additional Inorganics					
Fluoride (mg/L) - TW	2016/07/18	0.8	1.5	No	Yes
Nitrite (mg/L) - TW	2018/01/15	<MDL 0.003	1.0	No	No

Nitrite (mg/L) - TW	2018/06/25	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW	2018/04/17	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW	2018/10/09	<MDL 0.003	1.0	No	No
Nitrate (mg/L) - TW	2018/01/15	0.011	10.0	No	No
Nitrate (mg/L) - TW	2018/06/25	0.006	10.0	No	No
Nitrate (mg/L) - TW	2018/04/17	<MDL 0.006	10.0	No	No
Nitrate (mg/L) - TW	2018/10/09	<MDL 0.006	10.0	No	No
Sodium: Na (mg/L) - TW	2016/07/18	14.6	20*	No	Yes

*There is no "MAC" for Sodium. The aesthetic objective for sodium in drinking water is 200 mg/L. The local Medical Officer of Health should be notified when the sodium concentration exceeds 20 mg/L so that this information may be communicated to local physicians for their use with patients on sodium restricted diets.

Table 5. Summary of lead testing under Schedule 15.1 during this reporting period (applicable to the following drinking water systems; large municipal residential systems, small municipal residential systems, and non-municipal year-round residential systems)

Location Type	Number of Samples	Range of Results		MAC	Number of Exceedances
		Minimum	Maximum		
Distribution - Lead Results (µg/L)	1	0.32	0.32	10	0
Distribution - Alkalinity (mg/L)	4	226	237	n/a	n/a
DW location - pH In-House	4	6.57	7.63	n/a	n/a

The Moorefield Drinking Water Systems qualifies for plumbing exemption.

Table 6. Summary of Organic parameters sampled during this reporting period or the most recent sample results

TREATED WATER	Sample Date (yyyy/mm/dd)	Sample Result	MAC	Number of Exceedances	
				MAC	1/2 MAC
Alachlor (ug/L) - TW	2018/07/26	<MDL 0.02	5.00	No	No
Atrazine + N-dealkylated metabolites (ug/L) - TW	2018/07/26	<MDL 0.01	5.00	No	No
Azinphos-methyl (ug/L) - TW	2018/07/26	<MDL 0.05	20.00	No	No
Benzene (ug/L) - TW	2018/07/26	<MDL 0.32	1.00	No	No
Benzo(a)pyrene (ug/L) - TW	2018/07/26	<MDL 0.004	0.01	No	No
Bromoxynil (ug/L) - TW	2018/07/26	<MDL 0.33	5.00	No	No
Carbaryl (ug/L) - TW	2018/07/26	<MDL 0.05	90.00	No	No
Carbofuran (ug/L) - TW	2018/07/26	<MDL 0.01	90.00	No	No
Carbon Tetrachloride (ug/L) - TW	2018/07/26	<MDL 0.16	2.00	No	No
Chlorpyrifos (ug/L) - TW	2018/07/26	<MDL 0.02	90.00	No	No
Diazinon (ug/L) - TW	2018/07/26	<MDL 0.02	20.00	No	No
Dicamba (ug/L) - TW	2018/07/26	<MDL 0.2	120.00	No	No
1,2-Dichlorobenzene (ug/L) - TW	2018/07/26	<MDL 0.41	200.00	No	No
1,4-Dichlorobenzene (ug/L) - TW	2018/07/26	<MDL 0.36	5.00	No	No

1,2-Dichloroethane (ug/L) - TW	2018/07/26	<MDL 0.35	5.00	No	No
1,1-Dichloroethylene (ug/L) - TW	2018/07/26	<MDL 0.33	14.00	No	No
Dichloromethane (Methylene Chloride) (ug/L) - TW	2018/07/26	<MDL 0.35	50.00	No	No
2,4-Dichlorophenol (ug/L) - TW	2018/07/26	<MDL 0.15	900.00	No	No
2,4-Dichlorophenoxy acetic acid (2,4-D) (ug/L) - TW	2018/07/26	<MDL 0.19	100.00	No	No
Diclofop-methyl (ug/L) - TW	2018/07/26	<MDL 0.4	9.00	No	No
Dimethoate (ug/L) - TW	2018/07/26	<MDL 0.03	20.00	No	No
Diquat (ug/L) - TW	2018/07/26	<MDL 1.0	70.00	No	No
Diuron (ug/L) - TW	2018/07/26	<MDL 0.03	150.00	No	No
Glyphosate (ug/L) - TW	2018/07/26	<MDL 1.0	280.00	No	No
Malathion (ug/L) - TW	2018/07/26	<MDL 0.02	190.00	No	No
Metolachlor (ug/L) - TW	2018/07/26	<MDL 0.01	50.00	No	No
Metribuzin (ug/L) - TW	2018/07/26	<MDL 0.02	80.00	No	No
Monochlorobenzene (Chlorobenzene) (ug/L) - TW	2018/07/26	<MDL 0.3	80.00	No	No
Paraquat (ug/L) - TW	2018/07/26	<MDL 1.0	10.00	No	No
PCB (ug/L) - TW	2018/07/26	<MDL 0.04	3.00	No	No
Pentachlorophenol (ug/L) - TW	2018/07/26	<MDL 0.15	60.00	No	No
Phorate (ug/L) - TW	2018/07/26	<MDL 0.01	2.00	No	No
Picloram (ug/L) - TW	2018/07/26	<MDL 1.0	190.00	No	No
Prometryne (ug/L) - TW	2018/07/26	<MDL 0.03	1.00	No	No
Simazine (ug/L) - TW	2018/07/26	<MDL 0.01	10.00	No	No
Terbufos (ug/L) - TW	2018/07/26	<MDL 0.01	1.00	No	No
Tetrachloroethylene (ug/L) - TW	2018/07/26	<MDL 0.35	10.00	No	No
2,3,4,6-Tetrachlorophenol (ug/L) - TW	2018/07/26	<MDL 0.2	100.00	No	No
Triallate (ug/L) - TW	2018/07/26	<MDL 0.01	230.00	No	No
Trichloroethylene (ug/L) - TW	2018/07/26	<MDL 0.44	5.00	No	No
2,4,6-Trichlorophenol (ug/L) - TW	2018/07/26	<MDL 0.25	5.00	No	No
2-methyl-4-chlorophenoxyacetic acid (MCPA) (ug/L) - TW	2018/07/26	<MDL 0.12	100.00	No	No
Trifluralin (ug/L) - TW	2018/07/26	<MDL 0.02	45.00	No	No
Vinyl Chloride (ug/L) - TW	2018/07/26	<MDL 0.17	1.00	No	No
DISTRIBUTION WATER					
Trihalomethane: Total (ug/L) Annual Average - DW	2018/01/01	16.25	100.00	No	No
HAA Total (ug/L) Annual Average - DW	2018/01/01	5.3		N/A	N/A

Table 7. List any Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards. (Only if DWS category is large municipal residential, small municipal residential, large municipal non-residential, non-municipal year round residential, large non municipal non-residential)

Refer to Table 4 and Table 5 for any Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards.