2019 ANNUAL REPORT – TOWN OF ST. MARYS

Drinking-Water System Number:	220000521
Drinking-Water System Name:	St. Marys Water Supply System
Drinking-Water System Owner:	The Corporation of the Town of St. Marys
Drinking-Water System Category:	Large, Municipal, Residential
Period being reported:	January 1, 2019 to December 31, 2019

Does your Drinking-Water System serve more than 10,000 people? No	**Number of Designated Facilities served: n/a**
Is your annual report available to the public at no charge on a web site on the Internet? Yes	**Did you provide a copy of your annual report to all Designated Facilities you serve? n/a**
Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection. **Municipal Operations Center,** **408 James Street South** **www.townofstmarys.com**	**Number of Interested Authorities you report to: n/a** **Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? n/a**

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

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? n/a

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 Public Request
- Public access/notice via other method - Municipal office

Drinking-Water System

Each of the pump houses #1, 2A and 3 house a vertical turbine pump, each rated at 60 L/s capacity. These draw ground water from each of the three wells. Water passes air release valves, a backflow check valve, pressure gauges, primary UV light disinfection, flow meter, the chlorine gas injection point, actuator control valve and then into the contact chamber piping located underground.

Booster Station

This provides additional system pressure for industrial properties within the southeast area of the town during fire emergencies.

Reservoir

A ground level reservoir and booster pumping station was completed in 2019 to add an additional 1,600 m^3 of water storage to the system. The reservoir is located next to the existing Well #1.

Water Tower

The water tower is for system pressure regulation and has a storage capacity of 1,820 m^3.

Water Treatment Chemicals
Chlorine gas for disinfection

Expenses to install, repair or replace equipment
Well #1 – UV panel repairs - $300.00
Well #3 – UV sensor repair & calibration - $900.00
Chlorine regulator repair parts - $1300.00
Well #3 - Ballast replacement - $3700.00
Well #1 – SCADA computer – $3000.00
Well #1 – Chlorine fan repairs - $400.00
Well #1 – Cooling fan replacement - $400.00
Booster pump maintenance - $6500.00
Service contract for UV systems – all wells - $2600.00
Hydrant accessories - $2550.00
Distribution valve repairs –$5,000
Distribution parts –$7,500
Emergency Generator (Portable) Upgrades: $25,000
Water Tower Generator Replacement: $15,000
St. George Street North Watermain Replacement: $120,000

Microbiological testing done under the Schedule 10, 11 or 12 of Regulation 170/03

	Number of Samples	Range of E.Coli or Fecal Results (min -max) cfu/100ml	Range of Total Coliform Results (min –max) cfu/100ml	Number of HPC Samples	Range of HPC Results (min –max) cfu/1mL spread plate
Well #1 - Raw	53	0 - 0	0 - 7	-	-
Well #2A - Raw	53	0 - 0	0 - 0	-	-
Well #3 - Raw	53	0 - 0	0 - 2	-	-
Well #1 - Treated	53	0 - 0	0 - 0	53	0 - <10
Well #2A - Treated	53	0 - 0	0 - 0	53	0 - <10
Well #3 - Treated	53	0 - 0	0 - 0	53	0 - <10
Distribution	234	0 - 0	0 - 0	80	0 - 1320

Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report.

	Number of Grab Samples	Range of Results min - max	Unit of Measure
Turbidity	8760*	Well 1 0.21 – 2.00 Well 2A 0.08 – 1.06 Well 3 0.02 – 2.00	NTU
Chlorine - Treated	8760*	Well 1 0.23– 1.59 Well 2A 0.43 – 2.00 Well 3 0.57 – 2.24	mg/L
Chlorine - Distribution	504	0.39 – 1.65	mg/L
Fluoride (If the DWS provides fluoridation)	N/A	N/A	N/A

*- continuous monitoring

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	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
No adverse for 2019 reporting period					

Treated Water	Sample Date (mm/dd/yyyy)	Sample Result
UV Transmittance % - TW1	1/07/2019	94.6
UV Transmittance % - TW1	4/02/2019	95.1
UV Transmittance % - TW1	7/09/2019	94.2
UV Transmittance % - TW1	10/15/2019	95.3
UV Transmittance % - TW2A	1/07/2019	94.1
UV Transmittance % - TW2A	4/02/2019	94.3
UV Transmittance % - TW2A	7/09/2019	93.0
UV Transmittance % - TW2A	10/15/2019	92.9
UV Transmittance % - TW3	1/07/2019	95.1
UV Transmittance % - TW3	4/02/2019	95.5
UV Transmittance % - TW3	7/09/2019	96.4
UV Transmittance % - TW3	10/15/2019	95.7

Schedule 24 - Inorganic parameters

Treated Water	Sample Date (mm/dd/yyyy)	Sample Result	MAC	No. of Exceedances	
				MAC	1/2 MAC
Antimony: Sb (ug/L) - TW1	1/07/2019	0.17	6.0	No	No
Antimony: Sb (ug/L) - TW2A	1/07/2019	0.13	6.0	No	No
Antimony: Sb (ug/L) - TW3	1/07/2019	0.14	6.0	No	No
Arsenic: As (ug/L) - TW1	1/07/2019	0.3	10.0	No	No
Arsenic: As (ug/L) - TW2A	1/07/2019	0.3	10.0	No	No
Arsenic: As (ug/L) - TW3	1/07/2019	<MDL 0.2	10.0	No	No
Barium: Ba (ug/L) - TW1	1/07/2019	231	1000	No	No
Barium: Ba (ug/L) - TW2A	1/07/2019	93	1000	No	No
Barium: Ba (ug/L) - TW3	1/07/2019	103	1000	No	No
Boron: B (ug/L) - TW1	1/07/2019	55	5000	No	No
Boron: B (ug/L) - TW2A	1/07/2019	52	5000	No	No
Boron: B (ug/L) - TW3	1/07/2019	45	5000	No	No

Cadmium: Cd (ug/L) - TW1	1/07/2019	0.109	5.0	No	No
Cadmium: Cd (ug/L) - TW2A	1/07/2019	0.031	5.0	No	No
Cadmium: Cd (ug/L) - TW3	1/07/2019	0.033	5.0	No	No
Chromium: Cr (ug/L) - TW1	1/07/2019	0.12	50	No	No
Chromium: Cr (ug/L) - TW2A	1/07/2019	0.10	50	No	No
Chromium: Cr (ug/L) - TW3	1/07/2019	0.08	50	No	No
Mercury: Hg (ug/L) - TW1	1/07/2019	<MDL 0.01	1.0	No	No
Mercury: Hg (ug/L) - TW2A	1/07/2019	<MDL 0.01	1.0	No	No
Mercury: Hg (ug/L) - TW3	1/07/2019	<MDL 0.01	1.0	No	No
Selenium: Se (ug/L) - TW1	1/07/2019	0.70	50.0	No	No
Selenium: Se (ug/L) - TW2A	1/07/2019	0.61	50.0	No	No
Selenium: Se (ug/L) - TW3	1/07/2019	0.51	50.0	No	No
Uranium: U (ug/L) - TW1	1/07/2019	1.8	20.0	No	No
Uranium: U (ug/L) - TW2A	1/07/2019	1.86	20.0	No	No
Uranium: U (ug/L) - TW3	1/07/2019	2.86	20.0	No	No
Additional Inorganics					
Fluoride (mg/L) - TW1	1/07/2019	0.95	1.5	No	No
Fluoride (mg/L) - TW2A	1/07/2019	1.07	1.5	No	No
Fluoride (mg/L) - TW3	1/07/2019	0.84	1.5	No	No
Nitrite (mg/L) - TW1	1/07/2019	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW1	4/02/2019	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW1	7/09/2019	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW1	10/07/2019	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW2A	1/07/2019	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW2A	4/02/2019	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW2A	7/09/2019	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW2A	10/07/2019	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW3	1/07/2019	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW3	4/02/2019	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW3	7/09/2019	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW3	10/07/2019	0.009	1.0	No	No
Nitrate (mg/L) - TW1	1/07/2019	2.80	10.0	No	No

Nitrate (mg/L) - TW1	4/02/2019	3.72	10.0	No	No
Nitrate (mg/L) - TW1	7/09/2019	2.73	10.0	No	No
Nitrate (mg/L) - TW1	10/07/2019	0.754	10.0	No	No
Nitrate (mg/L) - TW2A	1/07/2019	1.03	10.0	No	No
Nitrate (mg/L) - TW2A	4/02/2019	1.40	10.0	No	No
Nitrate (mg/L) - TW2A	7/09/2019	1.40	10.0	No	No
Nitrate (mg/L) - TW2A	10/07/2019	0.722	10.0	No	No
Nitrate (mg/L) - TW3	1/07/2019	0.903	10.0	No	No
Nitrate (mg/L) - TW3	4/02/2019	0.834	10.0	No	No
Nitrate (mg/L) - TW3	7/09/2019	1.22	10.0	No	No
Nitrate (mg/L) - TW3	10/07/2019	0.682	10.0	No	No
Sodium: Na (mg/L) – TW1	1/07/2019	31.5	20*	Yes*	Yes
Sodium: Na (mg/L) – TW2A	1/07/2019	48.8	20*	Yes*	Yes
Sodium: Na (mg/L) – TW3	1/07/2019	61.1	20*	Yes*	Yes

*Adverse for Sodium last reported on January 26, 2015 – adverse report required every 5 years

Summary of lead testing under Schedule 15.1 during this reporting period

Location Type	Date Sampled	Number of Samples	pH Range	Range of Alkalinity (min – max) mg/L	Range of Lead Results (min – max) ug/L	Number of Exceedances
Distribution	April and September	6	7.55 – 7.79	250 – 295	0.22 – 1.18	0

Schedule 23 – Organic parameters

Treated Water	Sample Date (mm/dd/yyyy)	Sample Result	MAC	Number of Exceedances	
				MAC	1/2 MAC
Alachlor (ug/L) - TW1	1/07/2019	<MDL 0.02	5.00	No	No
Alachlor (ug/L) - TW2A	1/07/2019	<MDL 0.02	5.00	No	No
Alachlor (ug/L) - TW3	1/07/2019	<MDL 0.02	5.00	No	No
Atrazine + N-dealkylated metabolites (ug/L) – TW1	1/07/2019	0.02	5.00	No	No
Atrazine + N-dealkylated metabolites (ug/L) – TW2A	1/07/2019	<MDL 0.01	5.00	No	No
Atrazine + N-dealkylated metabolites (ug/L) – TW3	1/07/2019	<MDL 0.01	5.00	No	No
Azinphos-methyl (ug/L) – TW1	1/07/2019	<MDL 0.05	20.00	No	No

Azinphos-methyl (ug/L) – TW2A	1/07/2019	<MDL 0.05	20.00	No	No
Azinphos-methyl (ug/L) – TW3	1/07/2019	<MDL 0.05	20.00	No	No
Benzene (ug/L) – TW1	1/07/2019	<MDL 0.32	1.00	No	No
Benzene (ug/L) – TW2A	1/07/2019	<MDL 0.32	1.00	No	No
Benzene (ug/L) – TW3	1/07/2019	<MDL 0.32	1.00	No	No
Benzo(a)pyrene (ug/L) – TW1	1/07/2019	<MDL 0.004	0.01	No	No
Benzo(a)pyrene (ug/L) – TW2A	1/07/2019	<MDL 0.004	0.01	No	No
Benzo(a)pyrene (ug/L) – TW3	1/07/2019	<MDL 0.004	0.01	No	No
Bromoxynil (ug/L) – TW1	1/07/2019	<MDL 0.33	5.00	No	No
Bromoxynil (ug/L) – TW2A	1/07/2019	<MDL 0.33	5.00	No	No
Bromoxynil (ug/L) – TW3	1/07/2019	<MDL 0.33	5.00	No	No
Carbaryl (ug/L) – TW1	1/07/2019	<MDL 0.05	90.00	No	No
Carbaryl (ug/L) – TW2A	1/07/2019	<MDL 0.05	90.00	No	No
Carbaryl (ug/L) – TW3	1/07/2019	<MDL 0.05	90.00	No	No
Carbofuran (ug/L) - TW1	1/07/2019	<MDL 0.01	90.00	No	No
Carbofuran (ug/L) - TW2A	1/07/2019	<MDL 0.01	90.00	No	No
Carbofuran (ug/L) - TW3	1/07/2019	<MDL 0.01	90.00	No	No
Carbon Tetrachloride (ug/L) - TW1	1/07/2019	<MDL 0.16	5.00	No	No
Carbon Tetrachloride (ug/L) - TW2A	1/07/2019	<MDL 0.16	5.00	No	No
Carbon Tetrachloride (ug/L) - TW3	1/07/2019	<MDL 0.16	5.00	No	No
Chlorpyrifos (ug/L) - TW1	1/07/2019	<MDL 0.02	90.00	No	No
Chlorpyrifos (ug/L) - TW2A	1/07/2019	<MDL 0.02	90.00	No	No
Chlorpyrifos (ug/L) - TW3	1/07/2019	<MDL 0.02	90.00	No	No
Diazinon (ug/L) – TW1	1/07/2019	<MDL 0.02	20.00	No	No
Diazinon (ug/L) – TW2A	1/07/2019	<MDL 0.02	20.00	No	No
Diazinon (ug/L) – TW3	1/07/2019	<MDL 0.02	20.00	No	No
Dicamba (ug/L) – TW1	1/07/2019	<MDL 0.20	120.00	No	No
Dicamba (ug/L) – TW2A	1/07/2019	<MDL 0.20	120.00	No	No
Dicamba (ug/L) – TW3	1/07/2019	<MDL 0.20	120.00	No	No
1,2-Dichlorobenzene (ug/L) – TW1	1/07/2019	<MDL 0.41	200.00	No	No
1,2-Dichlorobenzene (ug/L) – TW2A	1/07/2019	<MDL 0.41	200.00	No	No

1,2-Dichlorobenzene (ug/L) – TW3	1/07/2019	<MDL 0.41	200.00	No	No
1,4-Dichlorobenzene (ug/L) – TW1	1/07/2019	<MDL 0.36	5.00	No	No
1,4-Dichlorobenzene (ug/L) – TW2A	1/07/2019	<MDL 0.36	5.00	No	No
1,4-Dichlorobenzene (ug/L) – TW3	1/07/2019	<MDL 0.36	5.00	No	No
1,2-Dichloroethane (ug/L) – TW1	1/07/2019	<MDL 0.35	5.00	No	No
1,2-Dichloroethane (ug/L) – TW2A	1/07/2019	<MDL 0.35	5.00	No	No
1,2-Dichloroethane (ug/L) – TW3	1/07/2019	<MDL 0.35	5.00	No	No
1,1-Dichloroethylene (ug/L) – TW1	1/07/2019	<MDL 0.33	14.00	No	No
1,1-Dichloroethylene (ug/L) – TW2A	1/07/2019	<MDL 0.33	14.00	No	No
1,1-Dichloroethylene (ug/L) – TW3	1/07/2019	<MDL 0.33	14.00	No	No
Dichloromethane (Methylene Chloride) (ug/L) – TW1	1/07/2019	<MDL 0.35	50.00	No	No
Dichloromethane (Methylene Chloride) (ug/L) – TW2A	1/07/2019	<MDL 0.35	50.00	No	No
Dichloromethane (Methylene Chloride) (ug/L) – TW3	1/07/2019	<MDL 0.35	50.00	No	No
2,4-Dichlorophenol (ug/L) – TW1	1/07/2019	<MDL 0.15	900.00	No	No
2,4-Dichlorophenol (ug/L) – TW2A	1/07/2019	<MDL 0.15	900.00	No	No
2,4-Dichlorophenol (ug/L) – TW3	1/07/2019	<MDL 0.15	900.00	No	No
2,4-Dichlorophenoxy acetic acid (2,4-D) (ug/L) – TW1	1/07/2019	<MDL 0.19	100.00	No	No
2,4-Dichlorophenoxy acetic acid (2,4-D) (ug/L) – TW2A	1/07/2019	<MDL 0.19	100.00	No	No
2,4-Dichlorophenoxy acetic acid (2,4-D) (ug/L) – TW3	1/07/2019	<MDL 0.19	100.00	No	No
Diclofop-methyl (ug/L) – TW1	1/07/2019	<MDL 0.40	9.00	No	No
Diclofop-methyl (ug/L) – TW2A	1/07/2019	<MDL 0.40	9.00	No	No
Diclofop-methyl (ug/L) – TW3	1/07/2019	<MDL 0.40	9.00	No	No
Dimethoate (ug/L) – TW1	1/07/2019	<MDL 0.03	20.00	No	No
Dimethoate (ug/L) – TW2A	1/07/2019	<MDL 0.03	20.00	No	No
Dimethoate (ug/L) – TW3	1/07/2019	<MDL 0.03	20.00	No	No
Diquat (ug/L) – TW1	1/07/2019	<MDL 1	70.00	No	No
Diquat (ug/L) – TW2A	1/07/2019	<MDL 1	70.00	No	No
Diquat (ug/L) – TW3	1/07/2019	<MDL 1	70.00	No	No

Diuron (ug/L) – TW1	1/07/2019	<MDL 0.03	150.00	No	No
Diuron (ug/L) – TW2A	1/07/2019	<MDL 0.03	150.00	No	No
Diuron (ug/L) – TW3	1/07/2019	<MDL 0.03	150.00	No	No
Glyphosate (ug/L) – TW1	1/07/2019	<MDL 1	280.00	No	No
Glyphosate (ug/L) – TW2A	1/07/2019	<MDL 1	280.00	No	No
Glyphosate (ug/L) – TW3	1/07/2019	<MDL 1	280.00	No	No
Malathion (ug/L) – TW1	1/07/2019	<MDL 0.02	190.00	No	No
Malathion (ug/L) – TW2A	1/07/2019	<MDL 0.02	190.00	No	No
Malathion (ug/L) – TW3	1/07/2019	<MDL 0.02	190.00	No	No
2-Methyl-4-chlorophenoxyacetic acid MCPA (mg/L) – TW1	1/07/2019	<MDL 0.00012	0.10	No	No
2-Methyl-4-chlorophenoxyacetic acid MCPA (mg/L) – TW2A	1/07/2019	<MDL 0.00012	0.10	No	No
2-Methyl-4-chlorophenoxyacetic acid MCPA (mg/L) – TW3	1/07/2019	<MDL 0.00012	0.10	No	No
Metolachlor (ug/L) – TW1	1/07/2019	<MDL 0.01	50.00	No	No
Metolachlor (ug/L) – TW2A	1/07/2019	<MDL 0.01	50.00	No	No
Metolachlor (ug/L) – TW3	1/07/2019	<MDL 0.01	50.00	No	No
Metribuzin (ug/L) – TW1	1/07/2019	<MDL 0.02	80.00	No	No
Metribuzin (ug/L) – TW2A	1/07/2019	<MDL 0.02	80.00	No	No
Metribuzin (ug/L) – TW3	1/07/2019	<MDL 0.02	80.00	No	No
Monochlorobenzene (Chlorobenzene) (ug/L) – TW1	1/07/2019	<MDL 0.3	80.00	No	No
Monochlorobenzene (Chlorobenzene) (ug/L) – TW2A	1/07/2019	<MDL 0.3	80.00	No	No
Monochlorobenzene (Chlorobenzene) (ug/L) – TW3	1/07/2019	<MDL 0.3	80.00	No	No
Paraquat (ug/L) – TW1	1/07/2019	<MDL 1	10.00	No	No
Paraquat (ug/L) – TW2A	1/07/2019	<MDL 1	10.00	No	No
Paraquat (ug/L) – TW3	1/07/2019	<MDL 1	10.00	No	No
PCB (ug/L) – TW1	1/07/2019	<MDL 0.04	3.00	No	No
PCB (ug/L) – TW2A	1/07/2019	<MDL 0.04	3.00	No	No
PCB (ug/L) – TW3	1/07/2019	<MDL 0.04	3.00	No	No

Pentachlorophenol (ug/L) – TW1	1/07/2019	<MDL 0.15	60.00	No	No
Pentachlorophenol (ug/L) – TW2A	1/07/2019	<MDL 0.15	60.00	No	No
Pentachlorophenol (ug/L) – TW3	1/07/2019	<MDL 0.15	60.00	No	No
Phorate (ug/L) – TW1	1/07/2019	<MDL 0.01	2.00	No	No
Phorate (ug/L) – TW2A	1/07/2019	<MDL 0.01	2.00	No	No
Phorate (ug/L) – TW3	1/07/2019	<MDL 0.01	2.00	No	No
Picloram (ug/L) – TW1	1/07/2019	<MDL 1	190.00	No	No
Picloram (ug/L) – TW2A	1/07/2019	<MDL 1	190.00	No	No
Picloram (ug/L) – TW3	1/07/2019	<MDL 1	190.00	No	No
Prometryne (ug/L) – TW1	1/07/2019	<MDL 0.03	1.00	No	No
Prometryne (ug/L) – TW2A	1/07/2019	<MDL 0.03	1.00	No	No
Prometryne (ug/L) – TW3	1/07/2019	<MDL 0.03	1.00	No	No
Simazine (ug/L) – TW1	1/07/2019	<MDL 0.01	10.00	No	No
Simazine (ug/L) – TW2A	1/07/2019	<MDL 0.01	10.00	No	No
Simazine (ug/L) – TW3	1/07/2019	<MDL 0.01	10.00	No	No
Terbufos (ug/L) – TW1	1/07/2019	<MDL 0.01	1.00	No	No
Terbufos (ug/L) – TW2A	1/07/2019	<MDL 0.01	1.00	No	No
Terbufos (ug/L) – TW3	1/07/2019	<MDL 0.01	1.00	No	No
Tetrachloroethylene (ug/L) – TW1	1/07/2019	<MDL 0.35	10.00	No	No
Tetrachloroethylene (ug/L) – TW2A	1/07/2019	<MDL 0.35	10.00	No	No
Tetrachloroethylene (ug/L) – TW3	1/07/2019	<MDL 0.35	10.00	No	No
2,3,4,6-Tetrachlorophenol (ug/L) – TW1	1/07/2019	<MDL 0.20	100.00	No	No
2,3,4,6-Tetrachlorophenol (ug/L) – TW2A	1/07/2019	<MDL 0.20	100.00	No	No
2,3,4,6-Tetrachlorophenol (ug/L) – TW3	1/07/2019	<MDL 0.20	100.00	No	No
Triallate (ug/L) - TW1	1/07/2019	<MDL 0.01	230.00	No	No
Triallate (ug/L) - TW2A	1/07/2019	<MDL 0.01	230.00	No	No
Triallate (ug/L) - TW3	1/07/2019	<MDL 0.01	230.00	No	No
Trichloroethylene (ug/L) – TW1	1/07/2019	<MDL 0.44	5.00	No	No
Trichloroethylene (ug/L) – TW2A	1/07/2019	<MDL 0.44	5.00	No	No
Trichloroethylene (ug/L) – TW3	1/07/2019	<MDL 0.44	5.00	No	No

2,4,6-Trichlorophenol (ug/L) – TW1	1/07/2019	<MDL 0.25	5.00	No	No
2,4,6-Trichlorophenol (ug/L) – TW2A	1/07/2019	<MDL 0.25	5.00	No	No
2,4,6-Trichlorophenol (ug/L) – TW3	1/07/2019	<MDL 0.25	5.00	No	No
Trifluralin (ug/L) – TW1	1/07/2019	<MDL 0.02	45.00	No	No
Trifluralin (ug/L) – TW2A	1/07/2019	<MDL 0.02	45.00	No	No
Trifluralin (ug/L) – TW3	1/07/2019	<MDL 0.02	45.00	No	No
Vinyl Chloride (ug/L) – TW1	1/07/2019	<MDL 0.17	1.00	No	No
Vinyl Chloride (ug/L) – TW2A	1/07/2019	<MDL 0.17	1.00	No	No
Vinyl Chloride (ug/L) – TW3	1/07/2019	<MDL 0.17	1.00	No	No
Trihalomethanes – farthest point in the distribution system (ug/L)	Running average	16.0	100	No	No
HAA's – Haloacetic Acids	Running average	5.3	80*	No	No

*The MAC for HAA Total (based on a running annual average of quarterly results) comes into effect on January 1, 2020. (80 mg/l)

List any Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards. n/a