

2020 ANNUAL REPORT – TOWN OF ST. MARYS

Drinking-Water System Number:	220000521
Drinking-Water System Name:	St. Marys Drinking Water 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, 2020 to December 31, 2020

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 m³ 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 m³.

Water Treatment Chemicals

Chlorine gas for disinfection

Expenses to install, repair or replace equipment

Well #1/2a - Reference sensor repair & calibration	\$875
Well #3 - Reference sensor repair & calibration	\$875
Well #2a - Turbidity meter replacement	\$6,600
Well #3 - Turbidity meter replacement	\$6,600
Well #3 - Air release valve installation	\$300
Well #3 - Chlorine Gas sensor replacement	\$1,700
Well #2a - Alarm dialer board replacement	\$1,900
All Wells - UV bulbs	\$2,100
All Wells - Chlorine Gas parts	\$6,800
Well #2a - Main valve actuator replacement	\$13,500
All Wells - Service contract for UV systems	\$2,900
Distribution parts	\$12,000
Distribution Valve repairs	\$4,000
Hydrant Parts	\$3,000
Egan Ave watermain installation / re-construction	\$327,200
Total	\$390,350

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	52	0 - 0	0 - 77	-	-
Well #2A - Raw	49	0 - 0	0 - 0	-	-
Well #3 - Raw	52	0 - 0	0 - 173	-	-
Well #1 - Treated	52	0 - 0	0 - 0	52	0 - <10
Well #2A - Treated	49	0 - 0	0 - 0	49	0 - <10
Well #3 - Treated	52	0 - 0	0 - 0	52	0 - <10
Distribution	209	0 - 0	0 - 0	52	0 - <10

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 0.26 - 2.00 Well 2A 0.00 - 2.00 Well 3 0.01 - 2.00	NTU
Chlorine - Treated	8760*	Well 1 0.29- 1.82 Well 2A 0.64 - 1.80 Well 3 0.06 - 1.77	mg/L
Chlorine - Distribution	367	0.40 - 141	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
1/06/2020	Sodium: Na (mg/l) - TW1	27.5	mg/l	Re-sample	1/09/2020
1/06/2020	Sodium: Na (mg/l) - TW2	54	mg/l	Re-sample	1/09/2020
1/06/2020	Sodium: Na (mg/l) - TW3	52.1	mg/l	Re-sample	1/09/2020

Treated Water	Sample Date (mm/dd/yyyy)	Sample Result
UV Transmittance % - TW1	1/06/2019	93.6
UV Transmittance % - TW1	4/07/2019	94.5
UV Transmittance % - TW1	7/08/2019	95.1
UV Transmittance % - TW1	10/06/2019	94
UV Transmittance % - TW2A	1/06/2019	92.5
UV Transmittance % - TW2A	4/07/2019	91.2
UV Transmittance % - TW2A	7/08/2019	94.1
UV Transmittance % - TW2A	10/06/2019	91.6
UV Transmittance % - TW3	1/06/2019	95.8
UV Transmittance % - TW3	4/07/2019	95.5
UV Transmittance % - TW3	7/08/2019	95.1
UV Transmittance % - TW3	10/06/2019	94.2

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	1/06/2020	0.12	6.0	No	No
Antimony: Sb (ug/L) - TW2A	1/06/2020	0.12	6.0	No	No
Antimony: Sb (ug/L) - TW3	1/06/2020	0.16	6.0	No	No
Arsenic: As (ug/L) - TW1	1/06/2020	0.3	10.0	No	No
Arsenic: As (ug/L) - TW2A	1/06/2020	0.4	10.0	No	No
Arsenic: As (ug/L) - TW3	1/06/2020	<MDL 0.2	10.0	No	No
Barium: Ba (ug/L) - TW1	1/06/2020	145	1000	No	No

Barium: Ba (ug/L) - TW2A	1/06/2020	95.8	1000	No	No
Barium: Ba (ug/L) - TW3	1/06/2020	101	1000	No	No
Boron: B (ug/L) - TW1	1/06/2020	43	5000	No	No
Boron: B (ug/L) - TW2A	1/06/2020	54	5000	No	No
Boron: B (ug/L) - TW3	1/06/2020	53	5000	No	No
Cadmium: Cd (ug/L) - TW1	1/06/2020	0.09	5.0	No	No
Cadmium: Cd (ug/L) - TW2A	1/06/2020	0.015	5.0	No	No
Cadmium: Cd (ug/L) - TW3	1/06/2020	0.033	5.0	No	No
Chromium: Cr (ug/L) - TW1	1/06/2020	0.2	50	No	No
Chromium: Cr (ug/L) - TW2A	1/06/2020	0.12	50	No	No
Chromium: Cr (ug/L) - TW3	1/06/2020	0.16	50	No	No
Mercury: Hg (ug/L) - TW1	1/06/2020	<MDL 0.01	1.0	No	No
Mercury: Hg (ug/L) - TW2A	1/06/2020	<MDL 0.01	1.0	No	No
Mercury: Hg (ug/L) - TW3	1/06/2020	<MDL 0.01	1.0	No	No
Selenium: Se (ug/L) - TW1	1/06/2020	0.74	50.0	No	No
Selenium: Se (ug/L) - TW2A	1/06/2020	0.59	50.0	No	No
Selenium: Se (ug/L) - TW3	1/06/2020	0.53	50.0	No	No
Uranium: U (ug/L) - TW1	1/06/2020	1.46	20.0	No	No
Uranium: U (ug/L) - TW2A	1/06/2020	2.11	20.0	No	No
Uranium: U (ug/L) - TW3	1/06/2020	2.69	20.0	No	No
Additional Inorganics					
Fluoride (mg/L) - TW1	1/06/2020	1.07	1.5	No	Yes
Fluoride (mg/L) - TW2A	1/06/2020	1.25	1.5	No	Yes
Fluoride (mg/L) - TW3	1/06/2020	1.19	1.5	No	Yes
Nitrite (mg/L) - TW1	1/06/2020	0.004	1.0	No	No
Nitrite (mg/L) - TW1	4/07/2020	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW1	7/08/2020	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW1	10/06/2020	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW2A	1/06/2020	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW2A	4/07/2020	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW2A	7/08/2020	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW2A	10/06/2020	<MDL 0.003	1.0	No	No

Nitrite (mg/L) - TW3	1/06/2020	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW3	4/07/2020	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW3	7/08/2020	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW3	10/06/2020	<MDL 0.003	1.0	No	No
Nitrate (mg/L) - TW1	1/06/2020	2.46	10.0	No	No
Nitrate (mg/L) - TW1	4/07/2020	3.74	10.0	No	No
Nitrate (mg/L) - TW1	7/08/2020	1.49	10.0	No	No
Nitrate (mg/L) - TW1	10/06/2020	0.846	10.0	No	No
Nitrate (mg/L) - TW2A	1/06/2020	0.787	10.0	No	No
Nitrate (mg/L) - TW2A	4/07/2020	1.22	10.0	No	No
Nitrate (mg/L) - TW2A	7/08/2020	0.891	10.0	No	No
Nitrate (mg/L) - TW2A	10/06/2020	0.582	10.0	No	No
Nitrate (mg/L) - TW3	1/06/2020	0.546	10.0	No	No
Nitrate (mg/L) - TW3	7/04/2020	1.21	10.0	No	No
Nitrate (mg/L) - TW3	7/08/2020	0.871	10.0	No	No
Nitrate (mg/L) - TW3	10/06/2020	0.294	10.0	No	No
Sodium: Na (mg/L) - TW1	1/06/2020	27.5	20*	Yes	Yes
Sodium: Na (mg/L) - TW2A	1/06/2020	54	20*	Yes	Yes
Sodium: Na (mg/L) - TW3	1/06/2020	52.1	20*	Yes	Yes

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 2, 2020	3	7.06 - 7.21	264 - 275	0.25 - 0.39	0
Distribution	September 10, 2020	3	7.00 - 7.13	266 - 270	0.14 - 3.80	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	1/06/2020	<MDL 0.02	5.00	No	No
Alachlor (ug/L) - TW2A	1/06/2020	<MDL 0.02	5.00	No	No
Alachlor (ug/L) - TW3	1/06/2020	<MDL 0.02	5.00	No	No

Atrazine + N-dealkylated metabolites (ug/L) - TW1	1/06/2020	0.01	5.00	No	No
Atrazine + N-dealkylated metabolites (ug/L) - TW2A	1/06/2020	<MDL 0.01	5.00	No	No
Atrazine + N-dealkylated metabolites (ug/L) - TW3	1/06/2020	<MDL 0.01	5.00	No	No
Azinphos-methyl (ug/L) - TW1	1/06/2020	<MDL 0.05	20.00	No	No
Azinphos-methyl (ug/L) - TW2A	1/06/2020	<MDL 0.05	20.00	No	No
Azinphos-methyl (ug/L) - TW3	1/06/2020	<MDL 0.05	20.00	No	No
Benzene (ug/L) - TW1	1/06/2020	<MDL 0.32	1.00	No	No
Benzene (ug/L) - TW2A	1/06/2020	<MDL 0.32	1.00	No	No
Benzene (ug/L) - TW3	1/06/2020	<MDL 0.32	1.00	No	No
Benzo(a)pyrene (ug/L) - TW1	1/06/2020	<MDL 0.004	0.01	No	No
Benzo(a)pyrene (ug/L) - TW2A	1/06/2020	<MDL 0.004	0.01	No	No
Benzo(a)pyrene (ug/L) - TW3	1/06/2020	<MDL 0.004	0.01	No	No
Bromoxynil (ug/L) - TW1	1/06/2020	<MDL 0.33	5.00	No	No
Bromoxynil (ug/L) - TW2A	1/06/2020	<MDL 0.33	5.00	No	No
Bromoxynil (ug/L) - TW3	1/06/2020	<MDL 0.33	5.00	No	No
Carbaryl (ug/L) - TW1	1/06/2020	<MDL 0.05	90.00	No	No
Carbaryl (ug/L) - TW2A	1/06/2020	<MDL 0.05	90.00	No	No
Carbaryl (ug/L) - TW3	1/06/2020	<MDL 0.05	90.00	No	No
Carbofuran (ug/L) - TW1	1/06/2020	<MDL 0.01	90.00	No	No
Carbofuran (ug/L) - TW2A	1/06/2020	<MDL 0.01	90.00	No	No
Carbofuran (ug/L) - TW3	1/06/2020	<MDL 0.01	90.00	No	No
Carbon Tetrachloride (ug/L) - TW1	1/06/2020	<MDL 0.17	2.00	No	No
Carbon Tetrachloride (ug/L) - TW2A	1/06/2020	<MDL 0.17	2.00	No	No
Carbon Tetrachloride (ug/L) - TW3	1/06/2020	<MDL 0.17	2.00	No	No
Chlorpyrifos (ug/L) - TW1	1/06/2020	<MDL 0.02	90.00	No	No
Chlorpyrifos (ug/L) - TW2A	1/06/2020	<MDL 0.02	90.00	No	No
Chlorpyrifos (ug/L) - TW3	1/06/2020	<MDL 0.02	90.00	No	No
Diazinon (ug/L) - TW1	1/06/2020	<MDL 0.02	20.00	No	No
Diazinon (ug/L) - TW2A	1/06/2020	<MDL 0.02	20.00	No	No

Diazinon (ug/L) - TW3	1/06/2020	<MDL 0.02	20.00	No	No
Dicamba (ug/L) - TW1	1/06/2020	<MDL 0.20	120.00	No	No
Dicamba (ug/L) - TW2A	1/06/2020	<MDL 0.20	120.00	No	No
Dicamba (ug/L) - TW3	1/06/2020	<MDL 0.20	120.00	No	No
1,2-Dichlorobenzene (ug/L) - TW1	1/06/2020	<MDL 0.41	200.00	No	No
1,2-Dichlorobenzene (ug/L) - TW2A	1/06/2020	<MDL 0.41	200.00	No	No
1,2-Dichlorobenzene (ug/L) - TW3	1/06/2020	<MDL 0.41	200.00	No	No
1,4-Dichlorobenzene (ug/L) - TW1	1/06/2020	<MDL 0.36	5.00	No	No
1,4-Dichlorobenzene (ug/L) - TW2A	1/06/2020	<MDL 0.36	5.00	No	No
1,4-Dichlorobenzene (ug/L) - TW3	1/06/2020	<MDL 0.36	5.00	No	No
1,2-Dichloroethane (ug/L) - TW1	1/06/2020	<MDL 0.35	5.00	No	No
1,2-Dichloroethane (ug/L) - TW2A	1/06/2020	<MDL 0.35	5.00	No	No
1,2-Dichloroethane (ug/L) - TW3	1/06/2020	<MDL 0.35	5.00	No	No
1,1-Dichloroethylene (ug/L) - TW1	1/06/2020	<MDL 0.33	14.00	No	No
1,1-Dichloroethylene (ug/L) - TW2A	1/06/2020	<MDL 0.33	14.00	No	No
1,1-Dichloroethylene (ug/L) - TW3	1/06/2020	<MDL 0.33	14.00	No	No
Dichloromethane (Methylene Chloride) (ug/L) - TW1	1/06/2020	<MDL 0.35	50.00	No	No
Dichloromethane (Methylene Chloride) (ug/L) - TW2A	1/06/2020	<MDL 0.35	50.00	No	No
Dichloromethane (Methylene Chloride) (ug/L) - TW3	1/06/2020	<MDL 0.35	50.00	No	No
2,4-Dichlorophenol (ug/L) - TW1	1/06/2020	<MDL 0.15	900.00	No	No
2,4-Dichlorophenol (ug/L) - TW2A	1/06/2020	<MDL 0.15	900.00	No	No
2,4-Dichlorophenol (ug/L) - TW3	1/06/2020	<MDL 0.15	900.00	No	No
2,4-Dichlorophenoxy acetic acid (2,4-D) (ug/L) - TW1	1/06/2020	<MDL 0.19	100.00	No	No
2,4-Dichlorophenoxy acetic acid (2,4-D) (ug/L) - TW2A	1/06/2020	<MDL 0.19	100.00	No	No
2,4-Dichlorophenoxy acetic acid (2,4-D) (ug/L) - TW3	1/06/2020	<MDL 0.19	100.00	No	No
Diclofop-methyl (ug/L) - TW1	1/06/2020	<MDL 0.40	9.00	No	No
Diclofop-methyl (ug/L) - TW2A	1/06/2020	<MDL 0.40	9.00	No	No
Diclofop-methyl (ug/L) - TW3	1/06/2020	<MDL 0.40	9.00	No	No

Dimethoate (ug/L) - TW1	1/06/2020	<MDL 0.06	20.00	No	No
Dimethoate (ug/L) - TW2A	1/06/2020	<MDL 0.06	20.00	No	No
Dimethoate (ug/L) - TW3	1/06/2020	<MDL 0.06	20.00	No	No
Diquat (ug/L) - TW1	1/06/2020	<MDL 1	70.00	No	No
Diquat (ug/L) - TW2A	1/06/2020	<MDL 1	70.00	No	No
Diquat (ug/L) - TW3	1/06/2020	<MDL 1	70.00	No	No
Diuron (ug/L) - TW1	1/06/2020	<MDL 0.03	150.00	No	No
Diuron (ug/L) - TW2A	1/06/2020	<MDL 0.03	150.00	No	No
Diuron (ug/L) - TW3		<MDL 0.03	150.00	No	No
Glyphosate (ug/L) - TW1	1/06/2020	<MDL 1	280.00	No	No
Glyphosate (ug/L) - TW2A	1/06/2020	<MDL 1	280.00	No	No
Glyphosate (ug/L) - TW3	1/06/2020	<MDL 1	280.00	No	No
Malathion (ug/L) - TW1	1/06/2020	<MDL 0.02	190.00	No	No
Malathion (ug/L) - TW2A	1/06/2020	<MDL 0.02	190.00	No	No
Malathion (ug/L) - TW3	1/06/2020	<MDL 0.02	190.00	No	No
2-Methyl-4-chlorophenoxyacetic acid MCPA (mg/L) - TW1	1/06/2020	<MDL 0.00012	0.10	No	No
2-Methyl-4-chlorophenoxyacetic acid MCPA (mg/L) - TW2A	1/06/2020	<MDL 0.00012	0.10	No	No
2-Methyl-4-chlorophenoxyacetic acid MCPA (mg/L) - TW3	1/06/2020	<MDL 0.00012	0.10	No	No
Metolachlor (ug/L) - TW1	1/06/2020	<MDL 0.01	50.00	No	No
Metolachlor (ug/L) - TW2A	1/06/2020	<MDL 0.01	50.00	No	No
Metolachlor (ug/L) - TW3	1/06/2020	<MDL 0.01	50.00	No	No
Metribuzin (ug/L) - TW1	1/06/2020	<MDL 0.02	80.00	No	No
Metribuzin (ug/L) - TW2A	1/06/2020	<MDL 0.02	80.00	No	No
Metribuzin (ug/L) - TW3	1/06/2020	<MDL 0.02	80.00	No	No
Monochlorobenzene (Chlorobenzene) (ug/L) - TW1	1/06/2020	<MDL 0.3	80.00	No	No
Monochlorobenzene (Chlorobenzene) (ug/L) - TW2A	1/06/2020	<MDL 0.3	80.00	No	No
Monochlorobenzene (Chlorobenzene) (ug/L) - TW3	1/06/2020	<MDL 0.3	80.00	No	No

Paraquat (ug/L) - TW1	1/06/2020	<MDL 1	10.00	No	No
Paraquat (ug/L) - TW2A	1/06/2020	<MDL 1	10.00	No	No
Paraquat (ug/L) - TW3	1/06/2020	<MDL 1	10.00	No	No
PCB (ug/L) - TW1	1/06/2020	<MDL 0.04	3.00	No	No
PCB (ug/L) - TW2A	1/06/2020	<MDL 0.04	3.00	No	No
PCB (ug/L) - TW3	1/06/2020	<MDL 0.04	3.00	No	No
Pentachlorophenol (ug/L) - TW1	1/06/2020	<MDL 0.15	60.00	No	No
Pentachlorophenol (ug/L) - TW2A	1/06/2020	<MDL 0.15	60.00	No	No
Pentachlorophenol (ug/L) - TW3	1/06/2020	<MDL 0.15	60.00	No	No
Phorate (ug/L) - TW1	1/06/2020	<MDL 0.01	2.00	No	No
Phorate (ug/L) - TW2A	1/06/2020	<MDL 0.01	2.00	No	No
Phorate (ug/L) - TW3	1/06/2020	<MDL 0.01	2.00	No	No
Picloram (ug/L) - TW1	1/06/2020	<MDL 1	190.00	No	No
Picloram (ug/L) - TW2A	1/06/2020	<MDL 1	190.00	No	No
Picloram (ug/L) - TW3	1/06/2020	<MDL 1	190.00	No	No
Prometryne (ug/L) - TW1	1/06/2020	<MDL 0.03	1.00	No	No
Prometryne (ug/L) - TW2A	1/06/2020	<MDL 0.03	1.00	No	No
Prometryne (ug/L) - TW3	1/06/2020	<MDL 0.03	1.00	No	No
Simazine (ug/L) - TW1	1/06/2020	<MDL 0.01	10.00	No	No
Simazine (ug/L) - TW2A	1/06/2020	<MDL 0.01	10.00	No	No
Simazine (ug/L) - TW3	1/06/2020	<MDL 0.01	10.00	No	No
Terbufos (ug/L) - TW1	1/06/2020	<MDL 0.01	1.00	No	No
Terbufos (ug/L) - TW2A	1/06/2020	<MDL 0.01	1.00	No	No
Terbufos (ug/L) - TW3	1/06/2020	<MDL 0.01	1.00	No	No
Tetrachloroethylene (ug/L) - TW1	1/06/2020	<MDL 0.35	10.00	No	No
Tetrachloroethylene (ug/L) - TW2A	1/06/2020	<MDL 0.35	10.00	No	No
Tetrachloroethylene (ug/L) - TW3	1/06/2020	<MDL 0.35	10.00	No	No
2,3,4,6-Tetrachlorophenol (ug/L) - TW1	1/06/2020	<MDL 0.20	100.00	No	No
2,3,4,6-Tetrachlorophenol (ug/L) - TW2A	1/06/2020	<MDL 0.20	100.00	No	No
2,3,4,6-Tetrachlorophenol (ug/L) - TW3	1/06/2020	<MDL 0.20	100.00	No	No

Triallate (ug/L) - TW1	1/06/2020	<MDL 0.01	230.00	No	No
Triallate (ug/L) - TW2A	1/06/2020	<MDL 0.01	230.00	No	No
Triallate (ug/L) - TW3	1/06/2020	<MDL 0.01	230.00	No	No
Trichloroethylene (ug/L) - TW1	1/06/2020	<MDL 0.44	5.00	No	No
Trichloroethylene (ug/L) - TW2A	1/06/2020	<MDL 0.44	5.00	No	No
Trichloroethylene (ug/L) - TW3	1/06/2020	<MDL 0.44	5.00	No	No
2,4,6-Trichlorophenol (ug/L) - TW1	1/06/2020	<MDL 0.25	5.00	No	No
2,4,6-Trichlorophenol (ug/L) - TW2A	1/06/2020	<MDL 0.25	5.00	No	No
2,4,6-Trichlorophenol (ug/L) - TW3	1/06/2020	<MDL 0.25	5.00	No	No
Trifluralin (ug/L) - TW1	1/06/2020	<MDL 0.02	45.00	No	No
Trifluralin (ug/L) - TW2A	1/06/2020	<MDL 0.02	45.00	No	No
Trifluralin (ug/L) - TW3	1/06/2020	<MDL 0.02	45.00	No	No
Vinyl Chloride (ug/L) - TW1	1/06/2020	<MDL 0.17	1.00	No	No
Vinyl Chloride (ug/L) - TW2A	1/06/2020	<MDL 0.17	1.00	No	No
Vinyl Chloride (ug/L) - TW3	1/06/2020	<MDL 0.17	1.00	No	No
Trihalomethanes - farthest point in the distribution system (ug/L)	Running Annual Average	17.5	100	No	No
HAA's - Haloacetic Acids	Running Annual Average	5.525	80*	No	No

*The MAC for HAA Total (based on a running annual average of quarterly results) came 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. Fluoride TW1, Fluoride TW 2A, Fluoride TW 3.