

ANNUAL REPORT

ONTARIO REGULATION 170/03
SECTION 11

WASAGA BEACH DRINKING WATER SYSTEM



**FOR THE PERIOD:
JANUARY 1, 2021 – DECEMBER 31, 2021**

*Prepared for the Corporation of the Town of Wasaga Beach
by the Ontario Clean Water Agency*



Ontario Drinking-Water Systems Regulation O. Reg. 170/03

Drinking-Water System Number:	220002137
Drinking-Water System Name:	Wasaga Beach Drinking Water System
Drinking-Water System Owner:	The Corporation of the Town of Wasaga Beach
Drinking-Water System Category:	Large Municipal Residential
Period being reported:	January 1, 2021 to December 31, 2021

Does your Drinking-Water System serve more than 10,000 people?

Yes

Is your annual report available to the public at no charge on a web site on the Internet?

Yes

Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.

Summary Report is available for inspection at the Town of Wasaga Beach Municipal Office located at 30 Lewis Street, Wasaga Beach, Ontario, L9Z 1A1 or on the following website:
<http://www.wasagabeach.com>

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 _____



Description of Drinking-Water System:

The Powerline Road Facility

Consisting of three (3) wells equipped with vertical turbine pumps; five (5) high lift vertical turbine pumps; one (1) high lift vertical turbine pump (Jockey); one (1) 500 kW diesel generator set for backup power for high lift pumps; one (1) 175 kW diesel generator set for backup power for the well pumps; a sodium silicate feed system for iron sequestering; and a sodium hypochlorite feed system for primary disinfection. In 2021, Powerline well #1 was fully decommissioned.

The Jenetta Street Facility

Consisting of three (3) wells equipped with vertical turbine pumps; one (1) 400 kW diesel generator set for backup power for the well pumps; a sodium silicate feed system for iron sequestering; a sodium hypochlorite feed system for primary disinfection. A fourth well has been drilled at this site for future development.

Sunnidale Trails Booster Pumping Station

The Sunnidale Trails Booster Pumping Station provides the Sunnidale Trails development area with adequate pressure. The Pumping Station consists of four (4) Horizontal Split Case booster pumps; a re-chlorination system with two (2) metering pumps fed by a chemical tank; and one (1) 300 kW diesel generator set up for backup power for the booster pumps and appurtenances.

Distribution and Storage

Water is stored in two elevated storage tanks with capacities of 2,837.5 cubic meters and 9,550 cubic meters, respectively. Additional storage is achieved in the 3,405 cubic meter underground reservoir located at the Powerline Road pumphouse.

Monitoring and Recording

Continuous online analyzers monitor Turbidity and Free Chlorine residual. Data is monitored and recorded on a SCADA system located at the Powerline Well Pumphouse on Veterans Way, at the Wasaga Beach WPCP on Woodland Drive, Jenetta Well Pumphouse on Spruce Street, and the Sunnidale Trails Booster Station. The system is alarmed for a number of parameters including free chlorine residual, turbidity, system pressure, and reservoir level. The alarms are monitored by Huronia Alarms in Midland, Ontario on a 24 hour/7 days per week basis.

List of water treatment chemicals used during the reporting period:

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

Significant expenses incurred to:

- Install required equipment
- Purchase required equipment
- Repair required equipment
- Replace required equipment

Description of significant expenses incurred in 2021:

1. Interior Painting- Powerline
2. Tower Interior Refurbishment- Tower #1
3. Well #1 Decommissioning- Powerline
4. Spare Chlorine Feed Pump- Powerline
5. Health and Safety Upgrades and Tank Overflow Pipe Repairs- Tower #2
6. TSSA Upgrades- Diesel Storage Tank Replacements at Powerline and Jenetta
7. Roof Replacement- Powerline Well House
8. Generator Block Heater Repair- Powerline

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| 9. Spill Containment Area Floor Re-Epoxy- Powerline and Jenetta WS |
| 10. Powerline Well #3 Motor Replacement |
| 11. Powerline Well #2 and Jenetta Well #3 Well and Pump Performance Testing |

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)
Not Applicable for the Reporting Period					

Table 1: Microbiological testing done under the Schedule 11 of Regulation 170/03 during this reporting period.

Location	Number of Samples	Range of E. Coli or Fecal Results		Range of Total Coliform Results		Number of HPC Samples	Range of HPC Samples	
		Min	Max	Min	Max		Min	Max
Raw - RW1	0 [^]	0	0	0	0	N/A	N/A	N/A
Raw - RW2	52	0	0	0	0	0	N/A	N/A
Raw - RW3	52	0	0	0	3	0	N/A	N/A
Raw - RW4	52	0	0	0	0	0	N/A	N/A
Raw - RW5	53	0	0	0	0	0	N/A	N/A
Raw - RW6	52	0	0	0	0	0	N/A	N/A
Raw - RW7	52	0	0	0	0	0	N/A	N/A
Treated - TW1	52	0	0	0	0	52	10	10
Treated - TW2	52	0	0	0	0	52	10	270
Distribution - DW	411	0	0	0	0	104	10	90

Note:

- RW1 – Raw Water Powerline Well #1
- RW2 – Raw Water Powerline Well #2
- RW3 – Raw Water Powerline Well #3
- RW4 – Raw Water Powerline Well #4
- RW5 – Raw Water Jenetta Well #1
- RW6 – Raw Water Jenetta Well #2
- RW7 – Raw Water Jenetta Well #3
- TW1 – Treated Water Powerline Road Pumphouse
- TW2 – Treated Water Jenetta Street Pumphouse

[^]Raw bacteriological samples from Powerline Well #1 were not taken during the reporting period, Well #1 has been offline and officially decommissioned effective June 25, 2021.

Table 2: Operational testing done under Schedule 7 of Regulation 170/03 during the period covered by this Annual Report.

Location & Test	Number of Samples	Range of Results	
		Minimum	Maximum
Turbidity, Raw Powerline Well #1 (Grab) [NTU]	^	N/A	N/A
Turbidity, Raw Powerline Well #2 (Grab) [NTU]	12	0.29	1.47
Turbidity, Raw Powerline Well #3 (Grab) [NTU]	12	0.281	1.27
Turbidity, Raw Powerline Well #4 (Grab) [NTU]	12	0.241	1.28
Turbidity, Raw Jenetta Well #1 (Grab) [NTU]	12	0.087	0.29
Turbidity, Raw Jenetta Well #2 (Grab) [NTU]	12	0.09	0.47
Turbidity, Raw Jenetta Well #3 (Grab) [NTU]	12	0.02	0.19
Turbidity, Treated Powerline (Continuous) [NTU]	8760	0.00	6.79**
Turbidity, Treated Jenetta (Continuous) [NTU]	8760	0.00	2
Free Chlorine Residual, Treated Powerline (Continuous) [mg/L]	8760	0.37	3.14
Free Chlorine Residual, Treated Jenetta (Continuous) [mg/L]	8760	0.24	2.77
Free Chlorine Residual, Booster Station- Sunnidale (Continuous) [mg/L]	8760	0.71	1.78
Free Chlorine Residual, Treated Powerline (Grab) [mg/L]	257	0.91	2.11
Free Chlorine Residual, Treated Jenetta (Grab) [mg/L]	253	1.11	2.5
Free Chlorine Residual, Booster Station- Sunnidale (Grab) [mg/L]	64	1.02	1.54
Total Chlorine Residual, Treated Powerline (Grab) [mg/L]	257	1.04	2.20
Total Chlorine Residual, Treated Jenetta (Grab) [mg/L]	251	1.148	2.04
Total Chlorine Residual, Booster Station- Sunnidale (Grab) [mg/L]	62	1.06	1.61
Free Chlorine Residual, Distribution (Continuous)* [mg/L]	8760	0.66	2.27
Free Chlorine Residual, Distribution (Grab) [mg/L]	426	0.77	2.04

Note: the number of samples used for a continuous monitoring unit is 8760.

^Raw bacteriological samples from Powerline Well #1 remained offline for duration of the reporting period and was decommissioned in June, 2021.

*Continuous Distribution Free Chlorine Analyzer located at 30 Woodland Drive (Wasaga Beach WPCP).

** From August 9th to August 30th turbidity readings drifted up, caused by condensation on the lenses. Parts were ordered and repairs were made. Values remained low for the remainder of the reporting period.

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
Not Applicable				

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

Parameter	Sample Date (yyyy/mm/dd)	Sample Result	Maximum Allowable Concentration (MAC)	Number of Exceedances	
				MAC	½ MAC
Antimony: Sb (µg/L) - TW1	2021/01/28	<MDL 0.9	6.0	No	No
Antimony: Sb (µg/L) - TW2	2021/01/28	<MDL 0.9	6.0	No	No
Arsenic: As (µg/L) - TW1	2021/01/28	<MDL 0.2	10.0	No	No
Arsenic: As (µg/L) - TW2	2021/01/28	<MDL 0.2	10.0	No	No
Barium: Ba (µg/L) - TW1	2021/01/28	48.9	1000.0	No	No
Barium: Ba (µg/L) - TW2	2021/01/28	63.5	1000.0	No	No
Boron: B (µg/L) - TW1	2021/01/28	23.0	5000.0	No	No
Boron: B (µg/L) - TW2	2021/01/28	41.0	5000.0	No	No
Cadmium: Cd (µg/L) - TW1	2021/01/28	0.007	5.0	No	No
Cadmium: Cd (µg/L) - TW2	2021/01/28	<MDL 0.003	5.0	No	No
Chromium: Cr (µg/L) - TW1	2021/01/28	0.31	50.0	No	No
Chromium: Cr (µg/L) - TW2	2021/01/28	0.25	50.0	No	No
Mercury: Hg (µg/L) - TW1	2021/01/28	<MDL 0.01	1.0	No	No
Mercury: Hg (µg/L) - TW2	2021/01/28	<MDL 0.01	1.0	No	No
Selenium: Se (µg/L) - TW1	2021/01/28	0.06	50.0	No	No
Selenium: Se (µg/L) - TW2	2021/01/28	0.05	50.0	No	No
Uranium: U (µg/L) - TW1	2021/01/28	0.095	20.0	No	No
Uranium: U (µg/L) - TW2	2021/01/28	0.012	20.0	No	No
Fluoride (mg/L) - TW1	2018/07/03	0.07	1.5	No	No
Fluoride (mg/L) - TW2	2018/07/03	0.24	1.5	No	No
Nitrite (mg/L) - TW1	2021/01/28	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW1	2021/04/27	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW1	2021/07/21	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW1	2021/10/20	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW2	2021/01/28	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW2	2021/04/27	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW2	2021/07/20	<MDL 0.003	1.0	No	No

Parameter	Sample Date (yyyy/mm/dd)	Sample Result	Maximum Allowable Concentration (MAC)	Number of Exceedances	
				MAC	½ MAC
Nitrite (mg/L) - TW2	2021/10/20	<MDL 0.003	1.0	No	No
Nitrate (mg/L) - TW1	2021/01/28	<MDL 0.006	10.0	No	No
Nitrate (mg/L) - TW1	2021/04/27	<MDL 0.006	10.0	No	No
Nitrate (mg/L) - TW1	2021/07/21	<MDL 0.006	10.0	No	No
Nitrate (mg/L) - TW1	2021/10/20	<MDL 0.006	10.0	No	No
Nitrate (mg/L) - TW2	2021/01/28	0.008	10.0	No	No
Nitrate (mg/L) - TW2	2021/04/27	<MDL 0.006	10.0	No	No
Nitrate (mg/L) - TW2	2021/07/20	<MDL 0.006	10.0	No	No
Nitrate (mg/L) - TW2	2021/10/20	<MDL 0.006	10.0	No	No
Sodium: Na (mg/L) - TW1	2018/07/03	7.72	20*	No	No
Sodium: Na (mg/L) - TW2	2018/07/03	14.5	20*	No	Yes

Note: MDL = Minimum Detection Limit

*There is no "MAC" for Sodium. The aesthetic objective 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

Location Type	Number of Samples	Range of Lead Results		Number of Exceedances
		Minimum	Maximum	
Plumbing	Not Applicable - Relief from all Plumbing Requirements*			
Distribution (2020)**	8	0.05	0.94	0
Distribution (2021)**	4	0.01 <MDL	0.69	0

Notes: The Alkalinity results for 2020 were 170, 172, 173, 181, 181, 182, 184 and 185 (mg/L as CaCO₃). pH results for 2020 were between 7.53 and 7.60 in January and between 7.56 and 7.70 in July 2020. The Alkalinity results for 2021 were 171, 182, 183, 181, 178, 181, 172, and 173 (mg/L as CaCO₃). pH results for 2021 were between 7.23 and 7.43 in February and between 7.35-7.45 in July. The aesthetic objective for pH is 6.5-8.5.

*This system qualifies for the plumbing exemption as per O. Regulation 170/03 Schedule 15.1-5 (9) (10).

**Distribution lead samples are taken every 36 months. The next set of distribution lead samples is scheduled for 2023. Additional samples were taken in February 2021 and the results are included in this report.

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

Parameter	Sample Date (yyyy/mm/dd)	Sample Result	Maximum Allowable Concentration (MAC)	Number of Exceedances	
				MAC	½ MAC
Alachlor (µg/L) - TW1	2021/01/28	<MDL 0.02	5.00	No	No
Alachlor (µg/L) - TW2	2021/01/28	<MDL 0.02	5.00	No	No
Atrazine + N-dealkylated metabolites (µg/L) - TW1	2021/01/28	<MDL 0.01	5.00	No	No
Atrazine + N-dealkylated metabolites (µg/L) - TW2	2021/01/28	<MDL 0.01	5.00	No	No
Azinphos-methyl (µg/L) - TW1	2021/01/28	<MDL 0.05	20.00	No	No
Azinphos-methyl (µg/L) - TW2	2021/01/28	<MDL 0.05	20.00	No	No
Benzene (µg/L) - TW1	2021/01/28	<MDL 0.32	1.00	No	No
Benzene (µg/L) - TW2	2021/01/28	<MDL 0.32	1.00	No	No
Benzo(a)pyrene (µg/L) - TW1	2021/01/28	<MDL 0.004	0.01	No	No
Benzo(a)pyrene (µg/L) - TW2	2021/01/28	<MDL 0.004	0.01	No	No
Bromoxynil (µg/L) - TW1	2021/01/28	<MDL 0.33	5.00	No	No
Bromoxynil (µg/L) - TW2	2021/01/28	<MDL 0.33	5.00	No	No
Carbaryl (µg/L) - TW1	2021/01/28	<MDL 0.05	90.00	No	No
Carbaryl (µg/L) - TW2	2021/01/28	<MDL 0.05	90.00	No	No
Carbofuran (µg/L) - TW1	2021/01/28	<MDL 0.01	90.00	No	No
Carbofuran (µg/L) - TW2	2021/01/28	<MDL 0.01	90.00	No	No
Carbon Tetrachloride (µg/L) - TW1	2021/01/28	<MDL 0.17	2.00	No	No
Carbon Tetrachloride (µg/L) - TW2	2021/01/28	<MDL 0.17	2.00	No	No
Chlorpyrifos (µg/L) - TW1	2021/01/28	<MDL 0.02	90.00	No	No
Chlorpyrifos (µg/L) - TW2	2021/01/28	<MDL 0.02	90.00	No	No
Diazinon (µg/L) - TW1	2021/01/28	<MDL 0.02	20.00	No	No
Diazinon (µg/L) - TW2	2021/01/28	<MDL 0.02	20.00	No	No
Dicamba (µg/L) - TW1	2021/01/28	<MDL 0.2	120.00	No	No
Dicamba (µg/L) - TW2	2021/01/28	<MDL 0.2	120.00	No	No
1,2-Dichlorobenzene (µg/L) - TW1	2021/01/28	<MDL 0.41	200.00	No	No
1,2-Dichlorobenzene (µg/L) - TW2	2021/01/28	<MDL 0.41	200.00	No	No
1,4-Dichlorobenzene (µg/L) - TW1	2021/01/28	<MDL 0.36	5.00	No	No
1,4-Dichlorobenzene (µg/L) - TW2	2021/01/28	<MDL 0.36	5.00	No	No
1,2-Dichloroethane (µg/L) - TW1	2021/01/28	<MDL 0.35	5.00	No	No
1,2-Dichloroethane (µg/L) - TW2	2021/01/28	<MDL 0.35	5.00	No	No
1,1-Dichloroethylene (µg/L) - TW1	2021/01/28	<MDL 0.33	14.00	No	No
1,1-Dichloroethylene (µg/L) - TW2	2021/01/28	<MDL 0.33	14.00	No	No
Dichloromethane (Methylene Chloride) (µg/L) - TW1	2021/01/28	<MDL 0.35	50.00	No	No
Dichloromethane (Methylene	2021/01/28	<MDL 0.35	50.00	No	No

Parameter	Sample Date (yyyy/mm/dd)	Sample Result	Maximum Allowable Concentration (MAC)	Number of Exceedances	
				MAC	½ MAC
Chloride) (µg/L) - TW2					
2,4-Dichlorophenol (µg/L) - TW1	2021/01/28	<MDL 0.15	900.00	No	No
2,4-Dichlorophenol (µg/L) - TW2	2021/01/28	<MDL 0.15	900.00	No	No
2,4-Dichlorophenoxy acetic acid (2,4-D) (µg/L) - TW1	2021/01/28	<MDL 0.19	100.00	No	No
2,4-Dichlorophenoxy acetic acid (2,4-D) (µg/L) - TW2	2021/01/28	<MDL 0.19	100.00	No	No
Diclofop-methyl (µg/L) - TW1	2021/01/28	<MDL 0.4	9.00	No	No
Diclofop-methyl (µg/L) - TW2	2021/01/28	<MDL 0.4	9.00	No	No
Dimethoate (µg/L) - TW1	2021/01/28	<MDL 0.06	20.00	No	No
Dimethoate (µg/L) - TW2	2021/01/28	<MDL 0.06	20.00	No	No
Diquat (µg/L) - TW1	2021/01/28	<MDL 1.0	70.00	No	No
Diquat (µg/L) - TW2	2021/01/28	<MDL 1.0	70.00	No	No
Diuron (µg/L) - TW1	2021/01/28	<MDL 0.03	150.00	No	No
Diuron (µg/L) - TW2	2021/01/28	<MDL 0.03	150.00	No	No
Glyphosate (µg/L) - TW1	2021/01/28	<MDL 1.0	280.00	No	No
Glyphosate (µg/L) - TW2	2021/01/28	<MDL 1.0	280.00	No	No
Malathion (µg/L) - TW1	2021/01/28	<MDL 0.02	190.00	No	No
Malathion (µg/L) - TW2	2021/01/28	<MDL 0.02	190.00	No	No
Metolachlor (µg/L) - TW1	2021/01/28	<MDL 0.01	50.00	No	No
Metolachlor (µg/L) - TW2	2021/01/28	<MDL 0.01	50.00	No	No
Metribuzin (µg/L) - TW1	2021/01/28	<MDL 0.02	80.00	No	No
Metribuzin (µg/L) - TW2	2021/01/28	<MDL 0.02	80.00	No	No
Monochlorobenzene (Chlorobenzene) (µg/L) - TW1	2021/01/28	<MDL 0.3	80.00	No	No
Monochlorobenzene (Chlorobenzene) (µg/L) - TW2	2021/01/28	<MDL 0.3	80.00	No	No
Paraquat (µg/L) - TW1	2021/01/28	<MDL 1.0	10.00	No	No
Paraquat (µg/L) - TW2	2021/01/28	<MDL 1.0	10.00	No	No
PCB (µg/L) - TW1	2021/01/28	<MDL 0.04	3.00	No	No
PCB (µg/L) - TW2	2021/01/28	<MDL 0.04	3.00	No	No
Pentachlorophenol (µg/L) - TW1	2021/01/28	<MDL 0.15	60.00	No	No
Pentachlorophenol (µg/L) - TW2	2021/01/28	<MDL 0.15	60.00	No	No
Phorate (µg/L) - TW1	2021/01/28	<MDL 0.01	2.00	No	No
Phorate (µg/L) - TW2	2021/01/28	<MDL 0.01	2.00	No	No
Picloram (µg/L) - TW1	2021/01/28	<MDL 1.0	190.00	No	No
Picloram (µg/L) - TW2	2021/01/28	<MDL 1.0	190.00	No	No
Prometryne (µg/L) - TW1	2021/01/28	<MDL 0.03	1.00	No	No
Prometryne (µg/L) - TW2	2021/01/28	<MDL 0.03	1.00	No	No
Simazine (µg/L) - TW1	2021/01/28	<MDL 0.01	10.00	No	No

Parameter	Sample Date (yyyy/mm/dd)	Sample Result	Maximum Allowable Concentration (MAC)	Number of Exceedances	
				MAC	½ MAC
Simazine (µg/L) - TW2	2021/01/28	<MDL 0.01	10.00	No	No
Terbufos (µg/L) - TW1	2021/01/28	<MDL 0.01	1.00	No	No
Terbufos (µg/L) - TW2	2021/01/28	<MDL 0.01	1.00	No	No
Tetrachloroethylene (µg/L) - TW1	2021/01/28	<MDL 0.35	10.00	No	No
Tetrachloroethylene (µg/L) - TW2	2021/01/28	<MDL 0.35	10.00	No	No
2,3,4,6-Tetrachlorophenol (µg/L) - TW1	2021/01/28	<MDL 0.2	100.00	No	No
2,3,4,6-Tetrachlorophenol (µg/L) - TW2	2021/01/28	<MDL 0.2	100.00	No	No
Triallate (µg/L) - TW1	2021/01/28	<MDL 0.01	230.00	No	No
Triallate (µg/L) - TW2	2021/01/28	<MDL 0.01	230.00	No	No
Trichloroethylene (µg/L) - TW1	2021/01/28	<MDL 0.44	5.00	No	No
Trichloroethylene (µg/L) - TW2	2021/01/28	<MDL 0.44	5.00	No	No
2,4,6-Trichlorophenol (µg/L) - TW1	2021/01/28	<MDL 0.25	5.00	No	No
2,4,6-Trichlorophenol (µg/L) - TW2	2021/01/28	<MDL 0.25	5.00	No	No
2-methyl-4-chlorophenoxyacetic acid (MCPA) (µg/L) - TW1	2021/01/28	<MDL 0.12	100.00	No	No
2-methyl-4-chlorophenoxyacetic acid (MCPA) (µg/L) - TW2	2021/01/28	<MDL 0.12	100.00	No	No
Trifluralin (µg/L) - TW1	2021/01/28	<MDL 0.02	45.00	No	No
Trifluralin (µg/L) - TW2	2021/01/28	<MDL 0.02	45.00	No	No
Vinyl Chloride (µg/L) - TW1	2021/01/28	<MDL 0.17	1.00	No	No
Vinyl Chloride (µg/L) - TW2	2021/01/28	<MDL 0.17	1.00	No	No
Trihalomethane: Total Annual Average (µg/L) - DW	4 Quarters of 2021	21.75	100.00	No	No
Haloacetic Acid: Total Annual Average (µg/L) - DW	4 Quarters of 2021	5.3	80.00	No	No

MDL = Minimum Detection Limit

Table 7: List of Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards.

Parameter	Result Value	Unit of Measure	Date of Sample
Sodium Na- TW2	14.5	mg/L	2018/07/03

Note: this table highlights the parameters with a “Yes” in the ½ MAC columns of Table 4 and Table 6.