



2021 Annual Report for Water Works (R. 170/03, Sec. 11)

Drinking-Water System Number:	220003252
Drinking-Water System Name:	Orangeville Drinking Water System
Drinking-Water System Owner:	The Corporation of the Town of Orangeville
Drinking-Water System Category:	Large Municipal Residential
Period being reported:	January 1 to December 31, 2021

<p>Complete if your Category is Large Municipal Residential or Small Municipal Residential</p> <p>Does your Drinking-Water System serve more than 10,000 people? Yes [X] No []</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.</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>Town of Orangeville Municipal Offices 87 Broadway Orangeville ON L9W 1K1</p> </div>	<p>Complete for all other Categories.</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? Yes [] No []</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? Yes [] No []</p>
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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 their drinking water from your system:

Drinking Water System Name	Drinking Water System Number
N/A	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 its drinking water? Yes [] No [] Not Applicable [X]



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 Orangeville drinking water system consists of 12 water supply wells, two grade-level water storage reservoirs, one elevated water storage reservoir, one water storage standpipe, and approximately 129.4 km of watermains, 1,165 fire hydrants and 1,337 watermain valves. Ultraviolet (UV) light and liquid sodium hypochlorite are used at 9 wells for primary disinfection. Liquid sodium hypochlorite is used for primary disinfection at the remaining 3 wells. Liquid sodium silicate is also used at two wells for iron sequestration. The system currently has approximately 10,795 residential, industrial, commercial, and institutional water service connections.

List all water treatment chemicals used over this reporting period

1. Liquid sodium hypochlorite for single-stage primary disinfection at 3 wells.
2. Ultraviolet (UV) light and liquid sodium hypochlorite for two-stage primary disinfection at 9 wells.
3. Liquid sodium silicate for iron sequestration at 2 wells.
4. Liquid potassium permanganate for pre-filtration iron and manganese oxidation at 1 well.
5. Liquid sodium hypochlorite for pre-filtration iron oxidation at 8 wells.
6. Liquid sodium hypochlorite for secondary disinfection throughout the distribution system.
7. Cartridge and/or pressure filters for water treatment at 9 wells.

Were any significant expenses incurred to?

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

Please provide a brief description and a breakdown of monetary expenses incurred

1. Replace Well 10 filter media and repair filter housings.
2. Replace flow meters in water works facilities as required.
3. New watermain construction on B-Line.
4. Well 9A pump replacement.

Abbreviations used in this report

1. ND indicates the sample result was Not Detected.
2. N/A means not applicable.
3. mg/L means milligrams per litre; or approximately one part per million (ppm).
4. ug/L means micrograms per litre; or approximately one part per billion (ppb).
5. CFU/100 ml means Colony Forming Units (viable bacterial cells) per 100 ml of sample.
6. MPN/100 ml means Most Probable Number (viable bacterial cells) per 100 ml of sample.
7. * preceding or following a test result in the tables indicates the result is less than the laboratory method detection limit for that specific parameter (not detectable).
8. < means less than.
9. < MDL following a test result in the tables indicates the result is less than the laboratory method detection limit for that specific parameter (not detectable).



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 and AWQI No.	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date or Date Resolved
14 Jan 2021 153403	Treated water Total Coliforms > 0 CFU/100 ml in a drinking water sample collected from the Orangeville water distribution system. [R.170/03, S.16-3(1)1]	1	CFU/100 ml	Resample and test upstream, downstream, and at the affected site as required. All resample results were 0 CFU/100 ml for Total Coliforms.	16 Jan 2021
07 Feb 2021 153528	Localized watermain depressurizations due to significant watermain break. [R. 170/03, S. 16-4]	< 138	kPa	Repairs completed, affected watermains flushed, chlorine residuals checked, and water samples collected for microbiological testing. Testing results were within regulated microbiological standards. No further action required.	12 Feb 2021
22 Mar 2021 153729	Sodium concentration > 20 mg/L in a drinking water sample or samples when a similar report had not been made within the preceding 57 months. [R.170/03, S.16-3(1)8]	> 20	mg/L	Resample and test. Provide testing results and other related information to the local Health Unit for distribution to local physicians.	30 Mar 2021
18 Jun 2021 154325	Localized watermain depressurizations due to significant watermain break. [R. 170/03, S. 16-4]	< 138	kPa	Repairs completed, affected watermains flushed, chlorine residuals checked, and water samples collected for microbiological testing. Testing results were within regulated microbiological standards. No further action required.	21 Jun 2021
30 Aug 2021 155291	Distribution system chlorine analyzer malfunction due to power outage at water storage standpipe. Backup power supply (UPS) did not function as required. [No applicable regulatory requirement; report was made out of an abundance of caution.]	N/A	N/A	Restore power to chlorine analyzer and confirm accuracy of readings. Replace UPS unit. Water sample collected for microbiological testing. Testing results were within regulated microbiological standards.	07 Sep 2021



Incident Date and AWQI No.	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date or Date Resolved
09 Sep 2021 155432	Treated water chlorine analyzer malfunction due to power outage at municipal water supply well. Backup power supply (UPS) was exhausted due to duration of outage. Well was not discharging water to the drinking water system due to the outage. [No applicable regulatory requirement; report was made out of an abundance of caution.]	N/A	N/A	Power restored to affected site. Confirm accuracy of chlorine analyzer readings before restarting water supply well pump.	09 Sep 2021

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

	Number of Samples	Range of E.Coli or Fecal Results (min #)-(max #)	Range of Total Coliform Results (min #)-(max #)	Number of HPC / Background Samples	Range of HPC / Background Results (min #)-(max #)
Well 2A					
Raw <i>(1 source well)</i>	23	0-0	0-0	23 / 22	0-1 / 0-0
Treated <i>(point of entry)</i>	18	0-0	0-0	18 / 17	0-0 / 0-0
Wells 5 and 5A					
Raw <i>(2 source wells)</i>	112	0-0	0-0	112 / 110	0-78 / 0-0
Treated <i>(point of entry)</i>	54	0-0	0-0	54 / 53	0-1 / 0-0
Well 6					
Raw <i>(1 source well)</i>	52	0-0	0-0	52 / 51	0-1 / 0-0
Treated <i>(point of entry)</i>	52	0-0	0-0	51 / 50	0-2 / 0-0
Well 7					
Raw <i>(1 source well)</i>	51	0-0	0-0	51 / 50	0-14 / 0-0
Treated <i>(point of entry)</i>	51	0-0	0-0	51 / 50	0-0 / 0-1
Wells 8B and 8C					
Raw <i>(2 source wells)</i>	102	0-0	0-0	102 / 100	0-56 / 0-1

	Number of Samples	Range of E.Coli or Fecal Results (min #)-(max #)	Range of Total Coliform Results (min #)-(max #)	Number of HPC / Background Samples	Range of HPC / Background Results (min #)-(max #)
Treated <i>(point of entry)</i>	51	0-0	0-0	51 / 50	0-2 / 0-0
Wells 9A and 9B					
Raw <i>(2 source wells)</i>	78	0-0	0-0	78 / 76	0-61 / 0-3
Treated <i>(point of entry)</i>	52	0-0	0-0	52 / 51	0-1 / 0-0
Well 10					
Raw <i>(1 source well)</i>	51	0-0	0-0	50 / 50	0-143 / 0-0
Treated <i>(point of entry)</i>	51	0-0	0-0	51 / 50	0-1 / 0-0
Well 11					
Raw <i>(1 source well)</i>	51	0-0	0-0	51 / 51	0-14 / 0-1
Treated <i>(point of entry)</i>	51	0-0	0-0	51 / 50	0-60 / 0-2
Well 12					
Raw <i>(1 source well)</i>	51	0-0	0-0	51 / 50	0-15 / 0-0
Treated <i>(point of entry)</i>	52	0-0	0-0	52 / 51	0-2 / 0-0
Orangeville Distribution System					
Distribution <i>(routine)</i>	607	0-0	0-0	607 / 595	0-3 / 0-175
Distribution <i>(non-routine)</i>	129	0-0	0-0	129 / 129	0-83 / 0-188

Note that 33 samples during the week of July 20, 2021 were reported for Total Coliform and E. Coli. as MPN/100 ml by the laboratory instead of CFU/100 ml.

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 #)
Well 2A		
Turbidity (NTU) <i>(Raw Water, 1 Well)</i>	20	0.11-0.63
Turbidity (NTU) <i>(Filter Effluent Line)</i>	8760	0.48 (max.)
Pressure Differential (kPa) <i>(5-micron Cartridge Filter)</i>	8760	23.6 (max.)
Chlorine (mg/L)	8760	0.50 (min.)

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



	Number of Grab Samples	Range of Results (min #)-(max #)
<i>(Sch. 7-2(1), Point of Entry, 2-stage Disinfection)</i>		
Wells 5 and 5A		
Turbidity (NTU) <i>(Raw Water, 2 Wells)</i>	106	0.02-0.64
Chlorine (mg/L) <i>(Sch. 7-2(1), Point of Entry, 2-stage Disinfection)</i>	8760	1.20 (min.)
Well 6		
Turbidity (NTU) <i>(Raw Water, 1 Well)</i>	51	0.08-0.74
Chlorine (mg/L) <i>(Sch. 7-2(1), Point of Entry)</i>	8760	0.49-1.59
Well 7		
Turbidity (NTU) <i>(Raw Water, 1 Well)</i>	51	0.06-0.76
Chlorine (mg/L) <i>(Sch. 7-2(1), Point of Entry)</i>	8760	0.32-2.97
Wells 8B and 8C		
Turbidity (NTU) <i>(Raw Water, 2 Wells)</i>	106	0.08-1.20
Turbidity (NTU) <i>(Filter Effluent Line)</i>	8760	0.98 (max.)
Pressure Differential (kPa) <i>(5-micron Cartridge Filter)</i>	8760	74.8 (max.)
Chlorine (mg/L) <i>(Sch. 7-2(1), Point of Entry, 2-stage Disinfection)</i>	8760	0.20 (min.)
Wells 9A and 9B		
Turbidity (NTU) <i>(Raw Water, 2 Wells)</i>	74	0.00-0.84
Chlorine (mg/L) <i>(Sch. 7-2(1), Point of Entry, 2-stage Disinfection)</i>	8760	0.45 (min.)
Well 10		
Turbidity (NTU) <i>(Raw Water, 1 Well)</i>	50	0.09-0.79
Chlorine (mg/L) <i>(Sch. 7-2(1), Point of Entry, 2-stage Disinfection)</i>	8760	0.90 (min.)
Well 11		
Turbidity (NTU) <i>(Raw Water, 1 Well)</i>	51	0.07-0.63
Chlorine (mg/L) <i>(Sch. 7-2(1), Point of Entry)</i>	8760	0.47-3.08
Well 12		
Turbidity (NTU)	51	0.06-0.47



	Number of Grab Samples	Range of Results (min #)-(max #)
(Raw Water, 1 Well)		
Chlorine (mg/L) (Sch. 7-2(1), Point of Entry, 2-stage Disinfection)	8760	1.05 (min.)
Orangeville Distribution System		
Chlorine (mg/L) (Sch. 7-2(3), Dist. System)	1088	0.19-1.96

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	Minimum Result	Unit of Measure
Well 2A Treatment				
01 Dec 2020	Ultraviolet Intensity (UVI)	2021	46.28	W/m ²
Wells 5 and 5A Treatment				
01 Dec 2020	Ultraviolet Dose (UVD)	2021	50.5 ^(a)	mJ/cm ²
01 Dec 2020	Ultraviolet Transmittance (UVT)	2021	90.1	%
Wells 8B and 8C Treatment				
01 Dec 2020	Ultraviolet Intensity (UVI)	2021	29.51	W/m ²
Wells 9A and 9B Treatment				
01 Dec 2020	Ultraviolet Intensity (UVI)	2021	35.37	W/m ²
Well 10 Treatment				
01 Dec 2020	Ultraviolet Intensity (UVI)	2021	32.06	W/m ²
Well 12 Treatment				
01 Dec 2020	Ultraviolet Dose (UVD)	2021	59.2 ^(a)	mJ/cm ²
01 Dec 2020	Ultraviolet Transmittance (UVT)	2021	90.0	%

(a) Trojan UV Swift 12 units for Wells 5, 5A and 12 can maintain required UV dose based on real time values for flow, intensity, and transmittance.



Summary of testing under Schedule 15.1-5 (10) 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	Parameter Tested	Number of Samples	Range of Results (min#) – (max #)	Unit of Measure	Number of Exceedances
Distribution (Sentry Monitoring, Winter 2021)	Lead	Not tested in 2021.		ug/L	N/A
	Alkalinity	4	257-260	mg/L	N/A
	pH	0	Not tested.	none	N/A
Distribution (Sentry Monitoring, Summer 2021)	Lead	Not tested in 2021.		ug/L	N/A
	Alkalinity	4	262-268	mg/L	N/A
	pH	4	7.14-7.38	none	N/A

Well 2A Treated Water: (Point of entry sample results)

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

Date Sampled	Sample Location	Sample Type	Parameter Tested	Test Result	Units	Exceedance
1-Jun-21	WELL 2A TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
22-Jun-21	WELL 2A TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
24-Aug-21	WELL 2A TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
1-Jun-21	WELL 2A TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
22-Jun-21	WELL 2A TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
24-Aug-21	WELL 2A TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
1-Jun-21	WELL 2A TREATED	Treated	Barium (Ba)	75	ug/L	No
22-Jun-21	WELL 2A TREATED	Treated	Barium (Ba)	82	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Barium (Ba)	85	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Barium (Ba)	87	ug/L	No
24-Aug-21	WELL 2A TREATED	Treated	Barium (Ba)	80	ug/L	No
1-Jun-21	WELL 2A TREATED	Treated	Boron (B)	<50	ug/L	No
22-Jun-21	WELL 2A TREATED	Treated	Boron (B)	<50	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Boron (B)	<50	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Boron (B)	<50	ug/L	No
24-Aug-21	WELL 2A TREATED	Treated	Boron (B)	<50	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Cadmium (Cd)	<0.10	ug/L	No
1-Jun-21	WELL 2A TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
22-Jun-21	WELL 2A TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No

Date Sampled	Sample Location	Sample Type	Parameter Tested	Test Result	Units	Exceedance
27-Jul-21	WELL 2A TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
24-Aug-21	WELL 2A TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
1-Jun-21	WELL 2A TREATED	Treated	Fluoride (F)	0.21	mg/L	No
22-Jun-21	WELL 2A TREATED	Treated	Fluoride (F)	0.20	mg/L	No
27-Jul-21	WELL 2A TREATED	Treated	Fluoride (F)	0.20	mg/L	No
24-Aug-21	WELL 2A TREATED	Treated	Fluoride (F)	<0.10	mg/L	No
1-Jun-21	WELL 2A TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
22-Jun-21	WELL 2A TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
24-Aug-21	WELL 2A TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Mercury	<0.10	ug/L	No
1-Jun-21	WELL 2A TREATED	Treated	Nitrate (as N)	4.62	mg/L	No
22-Jun-21	WELL 2A TREATED	Treated	Nitrate (as N)	3.55	mg/L	No
27-Jul-21	WELL 2A TREATED	Treated	Nitrate (as N)	3.32	mg/L	No
24-Aug-21	WELL 2A TREATED	Treated	Nitrate (as N)	4.53	mg/L	No
1-Jun-21	WELL 2A TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
22-Jun-21	WELL 2A TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
27-Jul-21	WELL 2A TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
24-Aug-21	WELL 2A TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
1-Jun-21	WELL 2A TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
22-Jun-21	WELL 2A TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Selenium (Se)	<5.0	ug/L	No
24-Aug-21	WELL 2A TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
1-Jun-21	WELL 2A TREATED	Treated	Sodium (Na)	31.4	mg/L	Yes
22-Jun-21	WELL 2A TREATED	Treated	Sodium (Na)	35.7	mg/L	Yes
27-Jul-21	WELL 2A TREATED	Treated	Sodium (Na)	31.8	mg/L	Yes
24-Aug-21	WELL 2A TREATED	Treated	Sodium (Na)	44.4	mg/L	Yes
1-Jun-21	WELL 2A TREATED	Treated	Uranium (U)	<2.0	ug/L	No
22-Jun-21	WELL 2A TREATED	Treated	Uranium (U)	<2.0	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Uranium (U)	<2.0	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Uranium (U)	<5.0	ug/L	No
24-Aug-21	WELL 2A TREATED	Treated	Uranium (U)	<2.0	ug/L	No

The lead testing summarized in this table is separate from the requirements of Regulation 170/03, Schedule 15.1, and has not been completed to satisfy any regulatory requirements. The lead results presented above are for supplemental information purposes only.

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

Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
27-Jul-21	WELL 2A TREATED	Treated	1,1-dichloroethylene (vinylidene chloride)	<0.50	ug/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
27-Jul-21	WELL 2A TREATED	Treated	1,2-Dichlorobenzene	<0.50	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	1,2-Dichloroethane	<0.50	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	1,4-Dichlorobenzene	<0.50	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	2,3,4,6-Tetrachlorophenol	<0.50	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	2,4,6-Trichlorophenol	<0.50	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	2,4-D	<0.20	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	2,4-Dichlorophenol	<0.30	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Alachlor	<0.10	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Atrazine	<0.10	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Atrazine & Metabolites	<0.20	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Azinphos-methyl	<0.10	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Benzene	<0.50	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Benzo(a)pyrene	<0.0050	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Bromoxynil	<0.20	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Carbaryl	<0.20	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Carbofuran	<0.20	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Carbon tetrachloride	<0.20	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Chlorpyrifos	<0.10	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Diazinon	<0.10	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Dicamba	<0.20	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Dichloromethane	<5.0	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Diclofop-methyl	<0.20	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Dimethoate	<0.10	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Diquat	<1.0	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Diuron	<1.0	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Glyphosate	<5.0	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Malathion	<0.10	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	MCPA	<0.20	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Metolachlor	<0.10	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Metribuzin	<0.10	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Monochlorobenzene	<0.50	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Paraquat	<1.0	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Pentachlorophenol	<0.50	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Phorate	<0.10	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Picloram	<0.20	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Prometryne	<0.10	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Simazine	<0.10	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Terbufos	<0.20	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Tetrachloroethylene (perchloroethylene)	<0.50	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Total PCBs	<0.035	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Triallate	<0.10	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Trichloroethylene	<0.50	ug/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
27-Jul-21	WELL 2A TREATED	Treated	Trifluralin	<0.10	ug/L	No
27-Jul-21	WELL 2A TREATED	Treated	Vinyl chloride	<0.20	ug/L	No

List any 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
N/A	N/A	N/A	N/A

Wells 5 and 5A Treated Water: (Point of entry sample results)

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

Sample Date	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedance
26-Jan-21	WELL 5 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
13-Apr-21	WELL 5 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
27-Jul-21	WELL 5 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
2-Nov-21	WELL 5 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
13-Apr-21	WELL 5 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
27-Jul-21	WELL 5 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
2-Nov-21	WELL 5 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Barium (Ba)	83	ug/L	No
13-Apr-21	WELL 5 TREATED	Treated	Barium (Ba)	80	ug/L	No
27-Jul-21	WELL 5 TREATED	Treated	Barium (Ba)	81	ug/L	No
2-Nov-21	WELL 5 TREATED	Treated	Barium (Ba)	74	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Boron (B)	<50	ug/L	No
13-Apr-21	WELL 5 TREATED	Treated	Boron (B)	<50	ug/L	No
27-Jul-21	WELL 5 TREATED	Treated	Boron (B)	<50	ug/L	No
2-Nov-21	WELL 5 TREATED	Treated	Boron (B)	<50	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Cadmium (Cd)	<0.10	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
13-Apr-21	WELL 5 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
27-Jul-21	WELL 5 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
2-Nov-21	WELL 5 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Fluoride (F)	<0.10	mg/L	No
13-Apr-21	WELL 5 TREATED	Treated	Fluoride (F)	<0.10	mg/L	No
27-Jul-21	WELL 5 TREATED	Treated	Fluoride (F)	<0.10	mg/L	No
2-Nov-21	WELL 5 TREATED	Treated	Fluoride (F)	<0.10	mg/L	No
26-Jan-21	WELL 5 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
13-Apr-21	WELL 5 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
27-Jul-21	WELL 5 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
2-Nov-21	WELL 5 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedance
26-Jan-21	WELL 5 TREATED	Treated	Mercury	<0.10	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Nitrate (as N)	5.50	mg/L	No
13-Apr-21	WELL 5 TREATED	Treated	Nitrate (as N)	5.55	mg/L	No
27-Jul-21	WELL 5 TREATED	Treated	Nitrate (as N)	5.35	mg/L	No
2-Nov-21	WELL 5 TREATED	Treated	Nitrate (as N)	5.59	mg/L	No
26-Jan-21	WELL 5 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
13-Apr-21	WELL 5 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
27-Jul-21	WELL 5 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
2-Nov-21	WELL 5 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
26-Jan-21	WELL 5 TREATED	Treated	Selenium (Se)	<5.0	ug/L	No
13-Apr-21	WELL 5 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
27-Jul-21	WELL 5 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
2-Nov-21	WELL 5 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Sodium (Na)	51.3	mg/L	Yes
13-Apr-21	WELL 5 TREATED	Treated	Sodium (Na)	47.6	mg/L	Yes
27-Jul-21	WELL 5 TREATED	Treated	Sodium (Na)	51.1	mg/L	Yes
2-Nov-21	WELL 5 TREATED	Treated	Sodium (Na)	46.6	mg/L	Yes
26-Jan-21	WELL 5 TREATED	Treated	Uranium (U)	<5.0	ug/L	No
13-Apr-21	WELL 5 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
27-Jul-21	WELL 5 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
2-Nov-21	WELL 5 TREATED	Treated	Uranium (U)	<2.0	ug/L	No

The lead testing summarized in this table is separate from the requirements of Regulation 170/03, Schedule 15.1, and has not been completed to satisfy any regulatory requirements. The lead results presented above are for supplemental information purposes only.

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

Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
26-Jan-21	WELL 5 TREATED	Treated	1,1-dichloroethylene (vinylidene chloride)	<0.50	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	1,2-Dichlorobenzene	<0.50	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	1,2-Dichloroethane	<0.50	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	1,4-Dichlorobenzene	<0.50	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	2,3,4,6-Tetrachlorophenol	<0.50	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	2,4,6-Trichlorophenol	<0.50	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	2,4-D	<0.20	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	2,4-Dichlorophenol	<0.30	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Alachlor	<0.10	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Atrazine	<0.10	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Atrazine & Metabolites	<0.20	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Azinphos-methyl	<0.10	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Benzene	<0.50	ug/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
26-Jan-21	WELL 5 TREATED	Treated	Benzo(a)pyrene	<0.0050	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Bromoxynil	<0.20	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Carbaryl	<0.20	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Carbofuran	<0.20	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Carbon tetrachloride	<0.20	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Chlorpyrifos	<0.10	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Diazinon	<0.10	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Dicamba	<0.20	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Dichloromethane	<5.0	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Diclofop-methyl	<0.20	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Dimethoate	<0.10	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Diquat	<1.0	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Diuron	<1.0	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Glyphosate	<5.0	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Malathion	<0.10	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	MCPA	<0.20	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Metolachlor	<0.10	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Metribuzin	<0.10	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Monochlorobenzene	<0.50	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Paraquat	<1.0	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Pentachlorophenol	<0.50	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Phorate	<0.10	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Picloram	<0.20	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Prometryne	<0.10	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Simazine	<0.10	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Terbufos	<0.20	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Tetrachloroethylene (perchloroethylene)	<0.50	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Total PCBs	<0.035	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Triallate	<0.10	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Trichloroethylene	<0.50	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Trifluralin	<0.10	ug/L	No
26-Jan-21	WELL 5 TREATED	Treated	Vinyl chloride	<0.20	ug/L	No

List any 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
N/A	N/A	N/A	N/A

Well 6 Treated Water: (Point of entry sample results)

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

Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Units	Exceedance
16-Feb-21	WELL 6 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
24-Aug-21	WELL 6 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
30-Nov-21	WELL 6 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
16-Feb-21	WELL 6 TREATED	Treated	Arsenic (As)	1.2	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Arsenic (As)	1.2	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Arsenic (As)	1.3	ug/L	No
24-Aug-21	WELL 6 TREATED	Treated	Arsenic (As)	1.1	ug/L	No
30-Nov-21	WELL 6 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
16-Feb-21	WELL 6 TREATED	Treated	Barium (Ba)	161	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Barium (Ba)	162	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Barium (Ba)	164	ug/L	No
24-Aug-21	WELL 6 TREATED	Treated	Barium (Ba)	150	ug/L	No
30-Nov-21	WELL 6 TREATED	Treated	Barium (Ba)	160	ug/L	No
16-Feb-21	WELL 6 TREATED	Treated	Boron (B)	<50	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Boron (B)	<50	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Boron (B)	<50	ug/L	No
24-Aug-21	WELL 6 TREATED	Treated	Boron (B)	<50	ug/L	No
30-Nov-21	WELL 6 TREATED	Treated	Boron (B)	<50	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Cadmium (Cd)	<0.10	ug/L	No
16-Feb-21	WELL 6 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
24-Aug-21	WELL 6 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
30-Nov-21	WELL 6 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
16-Feb-21	WELL 6 TREATED	Treated	Fluoride (F)	<0.50	mg/L	No
11-May-21	WELL 6 TREATED	Treated	Fluoride (F)	0.11	mg/L	No
11-May-21	WELL 6 TREATED	Treated	Fluoride (F)	0.11	mg/L	No
24-Aug-21	WELL 6 TREATED	Treated	Fluoride (F)	<0.50	mg/L	No
30-Nov-21	WELL 6 TREATED	Treated	Fluoride (F)	<0.50	mg/L	No
16-Feb-21	WELL 6 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
24-Aug-21	WELL 6 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
30-Nov-21	WELL 6 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Mercury	<0.10	ug/L	No
16-Feb-21	WELL 6 TREATED	Treated	Nitrate (as N)	<0.10	mg/L	No
11-May-21	WELL 6 TREATED	Treated	Nitrate (as N)	0.042	mg/L	No
24-Aug-21	WELL 6 TREATED	Treated	Nitrate (as N)	<0.10	mg/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Units	Exceedance
30-Nov-21	WELL 6 TREATED	Treated	Nitrate (as N)	<0.10	mg/L	No
16-Feb-21	WELL 6 TREATED	Treated	Nitrite (as N)	<0.050	mg/L	No
11-May-21	WELL 6 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
24-Aug-21	WELL 6 TREATED	Treated	Nitrite (as N)	<0.050	mg/L	No
30-Nov-21	WELL 6 TREATED	Treated	Nitrite (as N)	<0.050	mg/L	No
16-Feb-21	WELL 6 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Selenium (Se)	<5.0	ug/L	No
24-Aug-21	WELL 6 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
30-Nov-21	WELL 6 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
16-Feb-21	WELL 6 TREATED	Treated	Sodium (Na)	105	mg/L	Yes
11-May-21	WELL 6 TREATED	Treated	Sodium (Na)	107	mg/L	Yes
24-Aug-21	WELL 6 TREATED	Treated	Sodium (Na)	100	mg/L	Yes
30-Nov-21	WELL 6 TREATED	Treated	Sodium (Na)	99.9	mg/L	Yes
16-Feb-21	WELL 6 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Uranium (U)	<5.0	ug/L	No
24-Aug-21	WELL 6 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
30-Nov-21	WELL 6 TREATED	Treated	Uranium (U)	<2.0	ug/L	No

The lead testing summarized in this table is separate from the requirements of Regulation 170/03, Schedule 15.1, and has not been completed to satisfy any regulatory requirements. The lead results presented above are for supplemental information purposes only.

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

Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
11-May-21	WELL 6 TREATED	Treated	1,1-dichloroethylene (vinylidene chloride)	<0.50	ug/L	No
11-May-21	WELL 6 TREATED	Treated	1,2-Dichlorobenzene	<0.50	ug/L	No
11-May-21	WELL 6 TREATED	Treated	1,2-Dichloroethane	<0.50	ug/L	No
11-May-21	WELL 6 TREATED	Treated	1,4-Dichlorobenzene	<0.50	ug/L	No
11-May-21	WELL 6 TREATED	Treated	2,3,4,6-Tetrachlorophenol	<0.50	ug/L	No
11-May-21	WELL 6 TREATED	Treated	2,4,6-Trichlorophenol	<0.50	ug/L	No
11-May-21	WELL 6 TREATED	Treated	2,4-D	<0.20	ug/L	No
11-May-21	WELL 6 TREATED	Treated	2,4-Dichlorophenol	<0.30	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Alachlor	<0.10	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Atrazine	<0.10	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Atrazine & Metabolites	<0.20	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Azinphos-methyl	<0.10	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Benzene	<0.50	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Benzo(a)pyrene	<0.0050	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Bromoxynil	<0.20	ug/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
11-May-21	WELL 6 TREATED	Treated	Carbaryl	<0.20	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Carbofuran	<0.20	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Carbon tetrachloride	<0.20	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Chlorpyrifos	<0.10	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Diazinon	<0.10	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Dicamba	<0.20	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Dichloromethane	<5.0	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Diclofop-methyl	<0.20	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Dimethoate	<0.10	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Diquat	<1.0	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Diuron	<1.0	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Glyphosate	<5.0	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Malathion	<0.10	ug/L	No
11-May-21	WELL 6 TREATED	Treated	MCPA	<0.20	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Metolachlor	<0.10	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Metribuzin	<0.10	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Monochlorobenzene	<0.50	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Paraquat	<1.0	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Pentachlorophenol	<0.50	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Phorate	<0.10	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Picloram	<0.20	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Prometryne	<0.10	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Simazine	<0.10	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Terbufos	<0.20	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Tetrachloroethylene (perchloroethylene)	<0.50	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Total PCBs	<0.035	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Triallate	<0.10	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Trichloroethylene	<0.50	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Trifluralin	<0.10	ug/L	No
11-May-21	WELL 6 TREATED	Treated	Vinyl chloride	<0.20	ug/L	No

List any 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
N/A	N/A	N/A	N/A

Well 7 Treated Water: (Point of entry sample results)

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

Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
16-Mar-21	WELL 7 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
22-Jun-21	WELL 7 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
14-Sep-21	WELL 7 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
14-Dec-21	WELL 7 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
22-Jun-21	WELL 7 TREATED	Treated	Arsenic (As)	1.1	ug/L	No
14-Sep-21	WELL 7 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
14-Dec-21	WELL 7 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Barium (Ba)	137	ug/L	No
22-Jun-21	WELL 7 TREATED	Treated	Barium (Ba)	144	ug/L	No
14-Sep-21	WELL 7 TREATED	Treated	Barium (Ba)	131	ug/L	No
14-Dec-21	WELL 7 TREATED	Treated	Barium (Ba)	134	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Boron (B)	<50	ug/L	No
22-Jun-21	WELL 7 TREATED	Treated	Boron (B)	<50	ug/L	No
14-Sep-21	WELL 7 TREATED	Treated	Boron (B)	<50	ug/L	No
14-Dec-21	WELL 7 TREATED	Treated	Boron (B)	<50	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Cadmium (Cd)	<0.10	ug/L	No
14-Dec-21	WELL 7 TREATED	Treated	Cadmium (Cd)	<0.10	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
22-Jun-21	WELL 7 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
14-Sep-21	WELL 7 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
14-Dec-21	WELL 7 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Fluoride (F)	0.12	mg/L	No
22-Jun-21	WELL 7 TREATED	Treated	Fluoride (F)	0.14	mg/L	No
14-Sep-21	WELL 7 TREATED	Treated	Fluoride (F)	0.12	mg/L	No
14-Dec-21	WELL 7 TREATED	Treated	Fluoride (F)	0.12	mg/L	No
16-Mar-21	WELL 7 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
22-Jun-21	WELL 7 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
14-Sep-21	WELL 7 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
14-Dec-21	WELL 7 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Mercury	<0.10	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Nitrate (as N)	<0.020	mg/L	No
22-Jun-21	WELL 7 TREATED	Treated	Nitrate (as N)	<0.020	mg/L	No
14-Sep-21	WELL 7 TREATED	Treated	Nitrate (as N)	<0.020	mg/L	No
14-Dec-21	WELL 7 TREATED	Treated	Nitrate (as N)	<0.020	mg/L	No
16-Mar-21	WELL 7 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
22-Jun-21	WELL 7 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
14-Sep-21	WELL 7 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
14-Dec-21	WELL 7 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
16-Mar-21	WELL 7 TREATED	Treated	Selenium (Se)	<5.0	ug/L	No
22-Jun-21	WELL 7 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
14-Sep-21	WELL 7 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
14-Dec-21	WELL 7 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Sodium (Na)	10.9	mg/L	No
22-Jun-21	WELL 7 TREATED	Treated	Sodium (Na)	11.2	mg/L	No
14-Sep-21	WELL 7 TREATED	Treated	Sodium (Na)	10.3	mg/L	No
14-Dec-21	WELL 7 TREATED	Treated	Sodium (Na)	9.82	mg/L	No
16-Mar-21	WELL 7 TREATED	Treated	Uranium (U)	<5.0	ug/L	No
22-Jun-21	WELL 7 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
14-Sep-21	WELL 7 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
14-Dec-21	WELL 7 TREATED	Treated	Uranium (U)	<2.0	ug/L	No

The lead testing summarized in this table is separate from the requirements of Regulation 170/03, Schedule 15.1, and has not been completed to satisfy any regulatory requirements. The lead results presented above are for supplemental information purposes only.

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

Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
16-Mar-21	WELL 7 TREATED	Treated	1,1-dichloroethylene (vinylidene chloride)	<0.50	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	1,2-Dichlorobenzene	<0.50	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	1,2-Dichloroethane	<0.50	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	1,4-Dichlorobenzene	<0.50	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	2,3,4,6-Tetrachlorophenol	<0.50	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	2,4,6-Trichlorophenol	<0.50	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	2,4-D	<0.20	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	2,4-Dichlorophenol	<0.30	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Alachlor	<0.10	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Atrazine	<0.10	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Atrazine & Metabolites	<0.20	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Azinphos-methyl	<0.10	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Benzene	<0.50	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Benzo(a)pyrene	<0.0050	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Bromoxynil	<0.20	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Carbaryl	<0.20	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Carbofuran	<0.20	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Carbon tetrachloride	<0.20	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Chlorpyrifos	<0.10	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Diazinon	<0.10	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Dicamba	<0.20	ug/L	No

Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
16-Mar-21	WELL 7 TREATED	Treated	Dichloromethane	<5.0	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Diclofop-methyl	<0.20	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Dimethoate	<0.10	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Diquat	<1.0	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Diuron	<1.0	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Glyphosate	<5.0	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Malathion	<0.10	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	MCPA	<0.20	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Metolachlor	<0.10	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Metribuzin	<0.10	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Monochlorobenzene	<0.50	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Paraquat	<1.0	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Pentachlorophenol	<0.50	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Phorate	<0.10	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Picloram	<0.20	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Prometryne	<0.10	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Simazine	<0.10	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Terbufos	<0.20	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Tetrachloroethylene (perchloroethylene)	<0.50	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Total PCBs	<0.035	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Triallate	<0.10	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Trichloroethylene	<0.50	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Trifluralin	<0.10	ug/L	No
16-Mar-21	WELL 7 TREATED	Treated	Vinyl chloride	<0.20	ug/L	No

List any 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
N/A	N/A	N/A	N/A

Well 8 Treated Water: (Point of entry sample results)

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

Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
16-Mar-21	WELL 8 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
22-Jun-21	WELL 8 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
14-Sep-21	WELL 8 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
16-Mar-21	WELL 8 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
22-Jun-21	WELL 8 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
14-Sep-21	WELL 8 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
16-Mar-21	WELL 8 TREATED	Treated	Barium (Ba)	107	ug/L	No
22-Jun-21	WELL 8 TREATED	Treated	Barium (Ba)	108	ug/L	No
14-Sep-21	WELL 8 TREATED	Treated	Barium (Ba)	112	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Barium (Ba)	102	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Barium (Ba)	99	ug/L	No
16-Mar-21	WELL 8 TREATED	Treated	Boron (B)	<50	ug/L	No
22-Jun-21	WELL 8 TREATED	Treated	Boron (B)	<50	ug/L	No
14-Sep-21	WELL 8 TREATED	Treated	Boron (B)	<50	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Boron (B)	<50	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Boron (B)	<50	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Cadmium (Cd)	<0.10	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Cadmium (Cd)	<0.10	ug/L	No
16-Mar-21	WELL 8 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
22-Jun-21	WELL 8 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
14-Sep-21	WELL 8 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
16-Mar-21	WELL 8 TREATED	Treated	Fluoride (F)	0.13	mg/L	No
22-Jun-21	WELL 8 TREATED	Treated	Fluoride (F)	0.13	mg/L	No
14-Sep-21	WELL 8 TREATED	Treated	Fluoride (F)	0.14	mg/L	No
14-Dec-21	WELL 8 TREATED	Treated	Fluoride (F)	0.12	mg/L	No
14-Dec-21	WELL 8 TREATED	Treated	Fluoride (F)	0.13	mg/L	No
16-Mar-21	WELL 8 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
22-Jun-21	WELL 8 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
14-Sep-21	WELL 8 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Mercury	<0.10	ug/L	No
16-Mar-21	WELL 8 TREATED	Treated	Nitrate (as N)	1.44	mg/L	No
22-Jun-21	WELL 8 TREATED	Treated	Nitrate (as N)	1.72	mg/L	No
14-Sep-21	WELL 8 TREATED	Treated	Nitrate (as N)	0.733	mg/L	No
14-Dec-21	WELL 8 TREATED	Treated	Nitrate (as N)	2.22	mg/L	No
16-Mar-21	WELL 8 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
22-Jun-21	WELL 8 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
14-Sep-21	WELL 8 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
14-Dec-21	WELL 8 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
16-Mar-21	WELL 8 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
22-Jun-21	WELL 8 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
14-Sep-21	WELL 8 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
14-Dec-21	WELL 8 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
16-Mar-21	WELL 8 TREATED	Treated	Sodium (Na)	19.8	mg/L	No
22-Jun-21	WELL 8 TREATED	Treated	Sodium (Na)	21.1	mg/L	Yes
14-Sep-21	WELL 8 TREATED	Treated	Sodium (Na)	12.6	mg/L	No
14-Dec-21	WELL 8 TREATED	Treated	Sodium (Na)	27.5	mg/L	Yes
14-Dec-21	WELL 8 TREATED	Treated	Sodium (Na)	27.8	mg/L	Yes
16-Mar-21	WELL 8 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
22-Jun-21	WELL 8 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
14-Sep-21	WELL 8 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Uranium (U)	<2.0	ug/L	No

The lead testing summarized in this table is separate from the requirements of Regulation 170/03, Schedule 15.1, and has not been completed to satisfy any regulatory requirements. The lead results presented above are for supplemental information purposes only.

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

Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
14-Dec-21	WELL 8 TREATED	Treated	1,1-dichloroethylene (vinylidene chloride)	<0.50	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	1,2-Dichlorobenzene	<0.50	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	1,2-Dichloroethane	<0.50	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	1,4-Dichlorobenzene	<0.50	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	2,3,4,6-Tetrachlorophenol	<0.50	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	2,4,6-Trichlorophenol	<0.50	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	2,4-D	<0.20	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	2,4-Dichlorophenol	<0.30	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Alachlor	<0.10	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Atrazine	<0.10	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Atrazine & Metabolites	<0.20	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Azinphos-methyl	<0.10	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Benzene	<0.50	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Benzo(a)pyrene	<0.0050	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Bromoxynil	<0.20	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Carbaryl	<0.20	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Carbofuran	<0.20	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Carbon tetrachloride	<0.20	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Chlorpyrifos	<0.10	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Diazinon	<0.10	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Dicamba	<0.20	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Dichloromethane	<5.0	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Diclofop-methyl	<0.20	ug/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
14-Dec-21	WELL 8 TREATED	Treated	Dimethoate	<0.10	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Diquat	<1.0	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Diuron	<1.0	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Glyphosate	<5.0	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Malathion	<0.10	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	MCPA	<0.20	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Metolachlor	<0.10	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Metribuzin	<0.10	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Monochlorobenzene	<0.50	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Paraquat	<1.0	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Pentachlorophenol	<0.50	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Phorate	<0.10	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Picloram	<0.20	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Prometryne	<0.10	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Simazine	<0.10	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Terbufos	<0.20	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Tetrachloroethylene (perchloroethylene)	<0.50	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Total PCBs	<0.035	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Triallate	<0.10	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Trichloroethylene	<0.50	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Trifluralin	<0.10	ug/L	No
14-Dec-21	WELL 8 TREATED	Treated	Vinyl chloride	<0.20	ug/L	No

List any 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
N/A	N/A	N/A	N/A

Wells 9A and 9B Treated Water: (Point of entry sample results)

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

Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
16-Feb-21	WELL 9 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
11-May-21	WELL 9 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
29-Nov-21	WELL 9 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
16-Feb-21	WELL 9 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
11-May-21	WELL 9 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
29-Nov-21	WELL 9 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
16-Feb-21	WELL 9 TREATED	Treated	Barium (Ba)	102	ug/L	No
11-May-21	WELL 9 TREATED	Treated	Barium (Ba)	94	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Barium (Ba)	94	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Barium (Ba)	94	ug/L	No
29-Nov-21	WELL 9 TREATED	Treated	Barium (Ba)	89	ug/L	No
16-Feb-21	WELL 9 TREATED	Treated	Boron (B)	<50	ug/L	No
11-May-21	WELL 9 TREATED	Treated	Boron (B)	<50	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Boron (B)	<50	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Boron (B)	<50	ug/L	No
29-Nov-21	WELL 9 TREATED	Treated	Boron (B)	<50	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Cadmium (Cd)	<0.10	ug/L	No
16-Feb-21	WELL 9 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
11-May-21	WELL 9 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Chromium (Cr)	1.7	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Chromium (Cr)	1.9	ug/L	No
29-Nov-21	WELL 9 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
16-Feb-21	WELL 9 TREATED	Treated	Fluoride (F)	<0.50	mg/L	No
11-May-21	WELL 9 TREATED	Treated	Fluoride (F)	0.12	mg/L	No
24-Aug-21	WELL 9 TREATED	Treated	Fluoride (F)	<0.50	mg/L	No
29-Nov-21	WELL 9 TREATED	Treated	Fluoride (F)	<0.50	mg/L	No
16-Feb-21	WELL 9 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
11-May-21	WELL 9 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
29-Nov-21	WELL 9 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Mercury	<0.10	ug/L	No
16-Feb-21	WELL 9 TREATED	Treated	Nitrate (as N)	3.77	mg/L	No
11-May-21	WELL 9 TREATED	Treated	Nitrate (as N)	3.54	mg/L	No
24-Aug-21	WELL 9 TREATED	Treated	Nitrate (as N)	3.59	mg/L	No
29-Nov-21	WELL 9 TREATED	Treated	Nitrate (as N)	3.91	mg/L	No
16-Feb-21	WELL 9 TREATED	Treated	Nitrite (as N)	<0.050	mg/L	No
11-May-21	WELL 9 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
24-Aug-21	WELL 9 TREATED	Treated	Nitrite (as N)	<0.050	mg/L	No
29-Nov-21	WELL 9 TREATED	Treated	Nitrite (as N)	<0.050	mg/L	No
16-Feb-21	WELL 9 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
11-May-21	WELL 9 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Selenium (Se)	<5.0	ug/L	No
29-Nov-21	WELL 9 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
16-Feb-21	WELL 9 TREATED	Treated	Sodium (Na)	170	mg/L	Yes
11-May-21	WELL 9 TREATED	Treated	Sodium (Na)	159	mg/L	Yes
24-Aug-21	WELL 9 TREATED	Treated	Sodium (Na)	165	mg/L	Yes
29-Nov-21	WELL 9 TREATED	Treated	Sodium (Na)	148	mg/L	Yes



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
16-Feb-21	WELL 9 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
11-May-21	WELL 9 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Uranium (U)	<5.0	ug/L	No
29-Nov-21	WELL 9 TREATED	Treated	Uranium (U)	<2.0	ug/L	No

The lead testing summarized in this table is separate from the requirements of Regulation 170/03, Schedule 15.1, and has not been completed to satisfy any regulatory requirements. The lead results presented above are for supplemental information purposes only.

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

Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
24-Aug-21	WELL 9 TREATED	Treated	1,1-dichloroethylene (vinylidene chloride)	<0.50	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	1,2-Dichlorobenzene	<0.50	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	1,2-Dichloroethane	<0.50	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	1,4-Dichlorobenzene	<0.50	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	2,3,4,6-Tetrachlorophenol	<0.50	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	2,4,6-Trichlorophenol	<0.50	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	2,4-D	<0.20	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	2,4-Dichlorophenol	<0.30	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Alachlor	<0.10	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Atrazine	<0.10	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Atrazine & Metabolites	<0.20	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Azinphos-methyl	<0.10	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Benzene	<0.50	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Benzo(a)pyrene	<0.0050	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Bromoxynil	<0.20	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Carbaryl	<0.20	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Carbofuran	<0.20	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Carbon tetrachloride	<0.20	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Chlorpyrifos	<0.10	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Diazinon	<0.10	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Dicamba	<0.20	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Dichloromethane	<5.0	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Diclofop-methyl	<0.20	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Dimethoate	<0.10	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Diquat	<1.0	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Diuron	<1.0	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Glyphosate	<5.0	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Malathion	<0.10	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	MCPA	<0.20	ug/L	No

Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
24-Aug-21	WELL 9 TREATED	Treated	Metolachlor	<0.10	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Metribuzin	<0.10	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Monochlorobenzene	<0.50	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Paraquat	<1.0	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Pentachlorophenol	<0.50	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Phorate	<0.10	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Picloram	<0.20	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Prometryne	<0.10	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Simazine	<0.10	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Terbufos	<0.20	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Tetrachloroethylene (perchloroethylene)	<0.50	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Total PCBs	<0.035	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Triallate	<0.10	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Trichloroethylene	<0.50	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Trifluralin	<0.10	ug/L	No
24-Aug-21	WELL 9 TREATED	Treated	Vinyl chloride	<0.20	ug/L	No

List any 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
N/A	N/A	N/A	N/A

Well 10 Treated Water: (Point of entry sample results)

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

Date Sampled	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
8-Jun-21	WELL 10 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
27-Jul-21	WELL 10 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
2-Nov-21	WELL 10 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
27-Jul-21	WELL 10 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
2-Nov-21	WELL 10 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Barium (Ba)	138	ug/L	No
27-Jul-21	WELL 10 TREATED	Treated	Barium (Ba)	150	ug/L	No
2-Nov-21	WELL 10 TREATED	Treated	Barium (Ba)	141	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Boron (B)	71	ug/L	No
27-Jul-21	WELL 10 TREATED	Treated	Boron (B)	124	ug/L	No
2-Nov-21	WELL 10 TREATED	Treated	Boron (B)	150	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Cadmium (Cd)	<0.10	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
27-Jul-21	WELL 10 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No



Date Sampled	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
2-Nov-21	WELL 10 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Fluoride (F)	<0.20	mg/L	No
27-Jul-21	WELL 10 TREATED	Treated	Fluoride (F)	<0.10	mg/L	No
2-Nov-21	WELL 10 TREATED	Treated	Fluoride (F)	<0.50	mg/L	No
8-Jun-21	WELL 10 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
27-Jul-21	WELL 10 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
2-Nov-21	WELL 10 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Mercury	<0.10	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Nitrate (as N)	<0.040	mg/L	No
27-Jul-21	WELL 10 TREATED	Treated	Nitrate (as N)	<0.020	mg/L	No
2-Nov-21	WELL 10 TREATED	Treated	Nitrate (as N)	<0.10	mg/L	No
8-Jun-21	WELL 10 TREATED	Treated	Nitrite (as N)	<0.020	mg/L	No
27-Jul-21	WELL 10 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
2-Nov-21	WELL 10 TREATED	Treated	Nitrite (as N)	<0.050	mg/L	No
8-Jun-21	WELL 10 TREATED	Treated	Selenium (Se)	<5.0	ug/L	No
27-Jul-21	WELL 10 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
2-Nov-21	WELL 10 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Sodium (Na)	113	mg/L	Yes
27-Jul-21	WELL 10 TREATED	Treated	Sodium (Na)	84.1	mg/L	Yes
2-Nov-21	WELL 10 TREATED	Treated	Sodium (Na)	75.2	mg/L	Yes
8-Jun-21	WELL 10 TREATED	Treated	Uranium (U)	<5.0	ug/L	No
27-Jul-21	WELL 10 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
2-Nov-21	WELL 10 TREATED	Treated	Uranium (U)	<2.0	ug/L	No

The lead testing summarized in this table is separate from the requirements of Regulation 170/03, Schedule 15.1, and has not been completed to satisfy any regulatory requirements. The lead results presented above are for supplemental information purposes only.

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

Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
8-Jun-21	WELL 10 TREATED	Treated	1,1-dichloroethylene (vinylidene chloride)	<0.50	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	1,2-Dichlorobenzene	<0.50	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	1,2-Dichloroethane	<0.50	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	1,4-Dichlorobenzene	<0.50	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	2,3,4,6-Tetrachlorophenol	<0.50	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	2,4,6-Trichlorophenol	<0.50	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	2,4-D	<0.20	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	2,4-Dichlorophenol	<0.30	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Alachlor	<0.10	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Atrazine	<0.10	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Atrazine & Metabolites	<0.20	ug/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
8-Jun-21	WELL 10 TREATED	Treated	Azinphos-methyl	<0.10	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Benzene	<0.50	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Benzo(a)pyrene	<0.0050	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Bromoxynil	<0.20	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Carbaryl	<0.20	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Carbofuran	<0.20	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Carbon tetrachloride	<0.20	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Chlorpyriphos	<0.10	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Diazinon	<0.10	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Dicamba	<0.20	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Dichloromethane	<5.0	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Diclofop-methyl	<0.20	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Dimethoate	<0.10	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Diquat	<1.0	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Diuron	<1.0	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Glyphosate	<5.0	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Malathion	<0.10	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	MCPA	<0.20	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Metolachlor	<0.10	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Metribuzin	<0.10	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Monochlorobenzene	<0.50	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Paraquat	<1.0	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Pentachlorophenol	<0.50	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Phorate	<0.10	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Picloram	<0.20	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Prometryne	<0.10	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Simazine	<0.10	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Terbufos	<0.20	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Tetrachloroethylene (perchloroethylene)	<0.50	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Total PCBs	<0.035	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Triallate	<0.10	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Trichloroethylene	<0.50	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Trifluralin	<0.10	ug/L	No
8-Jun-21	WELL 10 TREATED	Treated	Vinyl chloride	<0.20	ug/L	No

List any 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
N/A	N/A	N/A	N/A

Well 11 Treated Water: (Point of entry sample results)

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

Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
16-Feb-21	WELL 11 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
11-May-21	WELL 11 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
24-Aug-21	WELL 11 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
16-Feb-21	WELL 11 TREATED	Treated	Arsenic (As)	6.0	ug/L	No
16-Feb-21	WELL 11 TREATED	Treated	Arsenic (As)	5.9	ug/L	No
11-May-21	WELL 11 TREATED	Treated	Arsenic (As)	5.3	ug/L	No
24-Aug-21	WELL 11 TREATED	Treated	Arsenic (As)	5.4	ug/L	No
24-Aug-21	WELL 11 TREATED	Treated	Arsenic (As)	5.6	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Arsenic (As)	6.2	ug/L	No
16-Feb-21	WELL 11 TREATED	Treated	Barium (Ba)	214	ug/L	No
11-May-21	WELL 11 TREATED	Treated	Barium (Ba)	210	ug/L	No
24-Aug-21	WELL 11 TREATED	Treated	Barium (Ba)	205	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Barium (Ba)	201	ug/L	No
16-Feb-21	WELL 11 TREATED	Treated	Boron (B)	<50	ug/L	No
11-May-21	WELL 11 TREATED	Treated	Boron (B)	<50	ug/L	No
24-Aug-21	WELL 11 TREATED	Treated	Boron (B)	<50	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Boron (B)	<50	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Cadmium (Cd)	<0.10	ug/L	No
16-Feb-21	WELL 11 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
11-May-21	WELL 11 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
24-Aug-21	WELL 11 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
16-Feb-21	WELL 11 TREATED	Treated	Fluoride (F)	<0.50	mg/L	No
11-May-21	WELL 11 TREATED	Treated	Fluoride (F)	0.11	mg/L	No
24-Aug-21	WELL 11 TREATED	Treated	Fluoride (F)	<0.50	mg/L	No
29-Nov-21	WELL 11 TREATED	Treated	Fluoride (F)	<0.50	mg/L	No
16-Feb-21	WELL 11 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
11-May-21	WELL 11 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
24-Aug-21	WELL 11 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Mercury	<0.10	ug/L	No
16-Feb-21	WELL 11 TREATED	Treated	Nitrate (as N)	<0.10	mg/L	No
11-May-21	WELL 11 TREATED	Treated	Nitrate (as N)	<0.020	mg/L	No
24-Aug-21	WELL 11 TREATED	Treated	Nitrate (as N)	<0.10	mg/L	No
29-Nov-21	WELL 11 TREATED	Treated	Nitrate (as N)	<0.10	mg/L	No
16-Feb-21	WELL 11 TREATED	Treated	Nitrite (as N)	<0.050	mg/L	No
11-May-21	WELL 11 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
24-Aug-21	WELL 11 TREATED	Treated	Nitrite (as N)	<0.050	mg/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
29-Nov-21	WELL 11 TREATED	Treated	Nitrite (as N)	<0.050	mg/L	No
16-Feb-21	WELL 11 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
11-May-21	WELL 11 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
24-Aug-21	WELL 11 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Selenium (Se)	<5.0	ug/L	No
16-Feb-21	WELL 11 TREATED	Treated	Sodium (Na)	81.7	mg/L	Yes
11-May-21	WELL 11 TREATED	Treated	Sodium (Na)	81.7	mg/L	Yes
24-Aug-21	WELL 11 TREATED	Treated	Sodium (Na)	83.0	mg/L	Yes
29-Nov-21	WELL 11 TREATED	Treated	Sodium (Na)	82.5	mg/L	Yes
16-Feb-21	WELL 11 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
11-May-21	WELL 11 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
24-Aug-21	WELL 11 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Uranium (U)	<5.0	ug/L	No

The lead testing summarized in this table is separate from the requirements of Regulation 170/03, Schedule 15.1, and has not been completed to satisfy any regulatory requirements. The lead results presented above are for supplemental information purposes only.

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

Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
29-Nov-21	WELL 11 TREATED	Treated	1,1-dichloroethylene (vinylidene chloride)	<0.50	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	1,2-Dichlorobenzene	<0.50	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	1,2-Dichloroethane	<0.50	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	1,4-Dichlorobenzene	<0.50	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	2,3,4,6-Tetrachlorophenol	<0.50	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	2,4,6-Trichlorophenol	<0.50	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	2,4-D	<0.20	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	2,4-Dichlorophenol	<0.30	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Alachlor	<0.10	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Atrazine	<0.10	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Atrazine & Metabolites	<0.20	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Azinphos-methyl	<0.10	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Benzene	<0.50	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Benzo(a)pyrene	<0.0050	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Bromoxynil	<0.20	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Carbaryl	<0.20	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Carbofuran	<0.20	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Carbon tetrachloride	<0.20	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Chlorpyrifos	<0.10	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Diazinon	<0.10	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Dicamba	<0.20	ug/L	No

Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
29-Nov-21	WELL 11 TREATED	Treated	Dichloromethane	<5.0	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Diclofop-methyl	<0.20	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Dimethoate	<0.10	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Diquat	<1.0	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Diuron	<1.0	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Glyphosate	<5.0	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Malathion	<0.10	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	MCPA	<0.20	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Metolachlor	<0.10	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Metribuzin	<0.10	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Monochlorobenzene	<0.50	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Paraquat	<1.0	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Pentachlorophenol	<0.50	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Phorate	<0.10	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Picloram	<0.20	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Prometryne	<0.10	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Simazine	<0.10	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Terbufos	<0.20	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Tetrachloroethylene (perchloroethylene)	<0.50	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Total PCBs	<0.035	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Triallate	<0.10	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Trichloroethylene	<0.50	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Trifluralin	<0.10	ug/L	No
29-Nov-21	WELL 11 TREATED	Treated	Vinyl chloride	<0.20	ug/L	No

List any 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
Arsenic (As)	6.0	ug/L	16-Feb-21
Arsenic (As)	5.9	ug/L	16-Feb-21
Arsenic (As)	5.3	ug/L	11-May-21
Arsenic (As)	5.4	ug/L	24-Aug-21
Arsenic (As)	5.6	ug/L	24-Aug-21
Arsenic (As)	6.2	ug/L	29-Nov-21

Well 12 Treated Water: (Point of entry sample results)

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

Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
26-Jan-21	WELL 12 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
13-Apr-21	WELL 12 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
27-Jul-21	WELL 12 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
2-Nov-21	WELL 12 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
13-Apr-21	WELL 12 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
27-Jul-21	WELL 12 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
2-Nov-21	WELL 12 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Barium (Ba)	92	ug/L	No
13-Apr-21	WELL 12 TREATED	Treated	Barium (Ba)	93	ug/L	No
27-Jul-21	WELL 12 TREATED	Treated	Barium (Ba)	90	ug/L	No
2-Nov-21	WELL 12 TREATED	Treated	Barium (Ba)	86	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Boron (B)	<50	ug/L	No
13-Apr-21	WELL 12 TREATED	Treated	Boron (B)	<50	ug/L	No
27-Jul-21	WELL 12 TREATED	Treated	Boron (B)	<50	ug/L	No
2-Nov-21	WELL 12 TREATED	Treated	Boron (B)	<50	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Cadmium (Cd)	<0.10	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
13-Apr-21	WELL 12 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
27-Jul-21	WELL 12 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
2-Nov-21	WELL 12 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Fluoride (F)	0.11	mg/L	No
13-Apr-21	WELL 12 TREATED	Treated	Fluoride (F)	0.10	mg/L	No
27-Jul-21	WELL 12 TREATED	Treated	Fluoride (F)	0.12	mg/L	No
2-Nov-21	WELL 12 TREATED	Treated	Fluoride (F)	0.11	mg/L	No
26-Jan-21	WELL 12 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
13-Apr-21	WELL 12 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
27-Jul-21	WELL 12 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
2-Nov-21	WELL 12 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Mercury	<0.10	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Nitrate (as N)	0.458	mg/L	No
13-Apr-21	WELL 12 TREATED	Treated	Nitrate (as N)	0.450	mg/L	No
27-Jul-21	WELL 12 TREATED	Treated	Nitrate (as N)	0.441	mg/L	No
2-Nov-21	WELL 12 TREATED	Treated	Nitrate (as N)	0.239	mg/L	No
26-Jan-21	WELL 12 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
13-Apr-21	WELL 12 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
27-Jul-21	WELL 12 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
2-Nov-21	WELL 12 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
26-Jan-21	WELL 12 TREATED	Treated	Selenium (Se)	<5.0	ug/L	No
13-Apr-21	WELL 12 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
27-Jul-21	WELL 12 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
2-Nov-21	WELL 12 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Sodium (Na)	15.0	mg/L	No
13-Apr-21	WELL 12 TREATED	Treated	Sodium (Na)	14.9	mg/L	No
27-Jul-21	WELL 12 TREATED	Treated	Sodium (Na)	13.2	mg/L	No
2-Nov-21	WELL 12 TREATED	Treated	Sodium (Na)	13.3	mg/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
26-Jan-21	WELL 12 TREATED	Treated	Uranium (U)	<5.0	ug/L	No
13-Apr-21	WELL 12 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
27-Jul-21	WELL 12 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
2-Nov-21	WELL 12 TREATED	Treated	Uranium (U)	<2.0	ug/L	No

The lead testing summarized in this table is separate from the requirements of Regulation 170/03, Schedule 15.1, and has not been completed to satisfy any regulatory requirements. The lead results presented above are for supplemental information purposes only.

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

Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
26-Jan-21	WELL 12 TREATED	Treated	1,1-dichloroethylene (vinylidene chloride)	<0.50	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	1,2-Dichlorobenzene	<0.50	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	1,2-Dichloroethane	<0.50	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	1,4-Dichlorobenzene	<0.50	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	2,3,4,6-Tetrachlorophenol	<0.50	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	2,4,6-Trichlorophenol	<0.50	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	2,4-D	<0.20	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	2,4-Dichlorophenol	<0.30	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Alachlor	<0.10	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Atrazine	<0.10	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Atrazine & Metabolites	<0.20	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Azinphos-methyl	<0.10	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Benzene	<0.50	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Benzo(a)pyrene	<0.0050	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Bromoxynil	<0.20	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Carbaryl	<0.20	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Carbofuran	<0.20	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Carbon tetrachloride	<0.20	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Chlorpyrifos	<0.10	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Diazinon	<0.10	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Dicamba	<0.20	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Dichloromethane	<5.0	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Diclofop-methyl	<0.20	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Dimethoate	<0.10	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Diquat	<1.0	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Diuron	<1.0	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Glyphosate	<5.0	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Malathion	<0.10	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	MCPA	<0.20	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Metolachlor	<0.10	ug/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
26-Jan-21	WELL 12 TREATED	Treated	Metribuzin	<0.10	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Monochlorobenzene	<0.50	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Paraquat	<1.0	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Pentachlorophenol	<0.50	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Phorate	<0.10	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Picloram	<0.20	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Prometryne	<0.10	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Simazine	<0.10	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Terbufos	<0.20	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Tetrachloroethylene (perchloroethylene)	<0.50	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Total PCBs	<0.035	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Triallate	<0.10	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Trichloroethylene	<0.50	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Trifluralin	<0.10	ug/L	No
26-Jan-21	WELL 12 TREATED	Treated	Vinyl chloride	<0.20	ug/L	No

List any 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
N/A	N/A	N/A	N/A

Summary of Organic parameters (Total Trihalomethanes) sampled in the distribution system during this reporting period or the most recent sample results

Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
14-Apr-20	Murray Ct. (SS)	Distribution	Total Trihalomethanes	22.5	ug/L	
14-Apr-20	South Sector Reservoir (Out)	Distribution	Total Trihalomethanes	22.6	ug/L	
14-Apr-20	Buena Vista Dr. (SS)	Distribution	Total Trihalomethanes	24	ug/L	
			Average for Quarter	23	ug/L	
21-Jul-20	Murray Ct. (SS)	Distribution	Total Trihalomethanes	23.1	ug/L	
21-Jul-20	South Sector Reservoir (Out)	Distribution	Total Trihalomethanes	23.1	ug/L	
21-Jul-20	Buena Vista Dr. (SS)	Distribution	Total Trihalomethanes	24.1	ug/L	
			Average for Quarter	23.4	ug/L	
27-Oct-20	Murray Ct. (SS)	Distribution	Total Trihalomethanes	28.2	ug/L	
27-Oct-20	South Sector Reservoir (Out)	Distribution	Total Trihalomethanes	27.8	ug/L	
27-Oct-20	Buena Vista Dr. (SS)	Distribution	Total Trihalomethanes	20	ug/L	
			Average for Quarter	25.3	ug/L	
26-Jan-21	Murray Ct. (SS)	Distribution	Total Trihalomethanes	23.6	ug/L	



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
26-Jan-21	South Sector Reservoir (Out)	Distribution	Total Trihalomethanes	23.1	ug/L	
26-Jan-21	Buena Vista Dr. (SS)	Distribution	Total Trihalomethanes	24.7	ug/L	
			Average for Quarter	23.8	ug/L	
			Running Annual Average of Quarterly Results	23.9	ug/L	No
13-Apr-21	Murray Ct. (SS)	Distribution	Total Trihalomethanes	27.3	ug/L	
13-Apr-21	South Sector Reservoir (Out)	Distribution	Total Trihalomethanes	20.8	ug/L	
13-Apr-21	Buena Vista Dr. (SS)	Distribution	Total Trihalomethanes	26.3	ug/L	
			Average for Quarter	24.8	ug/L	
			Running Annual Average of Quarterly Results	24.4	ug/L	No
27-Jul-21	Murray Ct. (SS)	Distribution	Total Trihalomethanes	40.6	ug/L	
27-Jul-21	South Sector Reservoir (Out)	Distribution	Total Trihalomethanes	41.6	ug/L	
27-Jul-21	Buena Vista Dr. (SS)	Distribution	Total Trihalomethanes	42.4	ug/L	
			Average for Quarter	41.5	ug/L	
			Running Annual Average of Quarterly Results	28.9	ug/L	No
24-Nov-21	Murray Ct. (SS)	Distribution	Total Trihalomethanes	22.5	ug/L	
24-Nov-21	South Sector Reservoir (Out)	Distribution	Total Trihalomethanes	66.1	ug/L	
24-Nov-21	Buena Vista Dr. (SS)	Distribution	Total Trihalomethanes	37.2	ug/L	
			Average for Quarter	41.9	ug/L	
			Running Annual Average of Quarterly Results	33	ug/L	No

Summary of Organic parameters Total Haloacetic Acids (HAA₅) sampled in the distribution system during this reporting period or the most recent sample results

Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
14-Apr-20	202 First St. (SS)	Distribution	Total Haloacetic Acids	4.6	ug/L	
14-Apr-20	South Sector Reservoir	Distribution	Total Haloacetic Acids	4.9	ug/L	
14-Apr-20	Buena Vista Dr. (SS)	Distribution	Total Haloacetic Acids	5.6	ug/L	
			Average for Quarter	5.0	ug/L	
21-Jul-20	202 First St. (SS)	Distribution	Total Haloacetic Acids	5.2	ug/L	
21-Jul-20	South Sector Reservoir	Distribution	Total Haloacetic Acids	6.6	ug/L	
21-Jul-20	Buena Vista Dr. (SS)	Distribution	Total Haloacetic Acids	< 2.2	ug/L	



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
			Average for Quarter	< 4.7	ug/L	
27-Oct-20	202 First St. (SS)	Distribution	Total Haloacetic Acids	11.8	ug/L	
27-Oct-20	South Sector Res. (Out)	Distribution	Total Haloacetic Acids	14.2	ug/L	
27-Oct-20	Buena Vista Dr. (SS)	Distribution	Total Haloacetic Acids	8.3	ug/L	
			Average for Quarter	11.4	ug/L	
26-Jan-21	202 First St. (SS)	Distribution	Total Haloacetic Acids	5.9	ug/L	
26-Jan-21	South Sector Res. (Out)	Distribution	Total Haloacetic Acids	7.8	ug/L	
26-Jan-21	Buena Vista Dr. (SS)	Distribution	Total Haloacetic Acids	8.3	ug/L	
			Average for Quarter	7.3	ug/L	
			Running Annual Average of Quarterly Results	<7.1	ug/L	No
13-Apr-21	202 First St. (SS)	Distribution	Total Haloacetic Acids	6.8	ug/L	
13-Apr-21	South Sector Res. (Out)	Distribution	Total Haloacetic Acids	8.1	ug/L	
13-Apr-21	Buena Vista Dr. (SS)	Distribution	Total Haloacetic Acids	8.6	ug/L	
			Average for Quarter	7.8	ug/L	
			Running Annual Average of Quarterly Results	<7.8	ug/L	No
27-Jul-21	202 First St. (SS)	Distribution	Total Haloacetic Acids	6.8	ug/L	
27-Jul-21	South Sector Res. (Out)	Distribution	Total Haloacetic Acids	9.1	ug/L	
27-Jul-21	Buena Vista Dr. (SS)	Distribution	Total Haloacetic Acids	9.7	ug/L	
			Average for Quarter	8.5	ug/L	
			Running Annual Average of Quarterly Results	8.8	ug/L	No
24-Nov-21	202 First St. (SS)	Distribution	Total Haloacetic Acids	3.8	ug/L	
24-Nov-21	South Sector Res. (Out)	Distribution	Total Haloacetic Acids	9.7	ug/L	
24-Nov-21	Buena Vista Dr. (SS)	Distribution	Total Haloacetic Acids	5.2	ug/L	
			Average for Quarter	6.2	ug/L	
			Running Annual Average of Quarterly Results	7.5	ug/L	No