



2020 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, 2020

<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, 1,085 fire hydrants and 1,406 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 9,894 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. Pressure zone boundary valve repair and replacement.
2. Replacement of fire hydrants and isolation valves.
3. Watermain replacement on Little York St.
4. Flow meter replacements at selected water works facilities.

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. * 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).
7. < means less than.
8. < 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	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date or Date Resolved
28 Feb 2020	Localized watermain depressurizations due to watermain break. [R. 170/03, S. 16-4]	< 138	kPa	Repairs completed, affected watermain flushed, chlorine residuals checked and water samples collected for microbiological testing. Testing results were within regulated microbiological standards. No further action required.	03 Mar 2020
08 Jun 2020	Free chlorine residual in distribution system (dead end watermain) less than 0.05 mg/L. [R. 170/03, S. 16-3(1) 4(i)]	0.01	mg/L	Affected watermain flushed until acceptable free chlorine residuals restored. Water samples collected for microbiological testing. Testing results were within regulated microbiological standards. No further action required.	11 Jun 2020
16 Oct 2020	Localized watermain depressurizations due to watermain break. [R. 170/03, S. 16-4]	< 138	kPa	Repairs completed, affected watermain flushed, chlorine residuals checked and water samples collected for microbiological testing. Testing results were within regulated microbiological standards. No further action required.	19 Oct 2020

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>	27	0-0	0-0	27 / 27	0-2 / 0-0
Treated <i>(point of entry)</i>	23	0-0	0-0	23 / 23	0- >2000 / 0-0
Wells 5 and 5A					
Raw <i>(2 source wells)</i>	106	0-0	0-0	106 / 106	0-3 / 0-0
Treated <i>(point of entry)</i>	53	0-0	0-0	53 / 53	0-1 / 0-0



	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 6					
Raw <i>(1 source well)</i>	49	0-0	0-0	49 / 49	0-14 / 0-0
Treated <i>(point of entry)</i>	50	0-0	0-0	50 / 50	0-10 / 0-0
Well 7					
Raw <i>(1 source well)</i>	53	0-0	0-0	53 / 53	0-26 / 0-0
Treated <i>(point of entry)</i>	53	0-0	0-0	53 / 53	0-1 / 0-0
Wells 8B and 8C					
Raw <i>(2 source wells)</i>	102	0-0	0-1	102 / 102	0-960 / 0- >2000
Treated <i>(point of entry)</i>	53	0-0	0-0	53 / 53	0-1 / 0-0
Wells 9A and 9B					
Raw <i>(2 source wells)</i>	100	0-0	0-0	100 / 100	0-82 / 0-0
Treated <i>(point of entry)</i>	52	0-0	0-0	52 / 52	0-10 / 0-0
Well 10					
Raw <i>(1 source well)</i>	52	0-0	0-0	52 / 52	0-860 / 0-1
Treated <i>(point of entry)</i>	10	0-0	0-0	10 / 10	0-0 / 0-0
Well 11					
Raw <i>(1 source well)</i>	53	0-0	0-0	53 / 53	0-2 / 0-0
Treated <i>(point of entry)</i>	51	0-0	0-0	51 / 51	0-2 / 0-0
Well 12					
Raw <i>(1 source well)</i>	52	0-0	0-0	52 / 52	0-1 / 0-0
Treated <i>(point of entry)</i>	52	0-0	0-0	52 / 52	0-1 / 0-0
Orangeville Distribution System					
Distribution <i>(routine)</i>	614	0-0	0-0	614 / 614	0- >2000 / 0-7
Distribution <i>(non-routine)</i>	53	0-0	0-0	53 / 53	0-10 / 0-0



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>	63	0.15-0.76
Turbidity (NTU) <i>(Filter Effluent Line)</i>	8760	0.88 (max.)
Pressure Differential (kPa) <i>(5-micron Cartridge Filter)</i>	8760	3.88 (max.)
Chlorine (mg/L) <i>(Sch. 7-2(1), Point of Entry, 2-stage Disinfection)</i>	8760	0.57 (min.)
Wells 5 and 5A		
Turbidity (NTU) <i>(Raw Water, 2 Wells)</i>	110	0.05-0.34
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	0.08-0.75
Chlorine (mg/L) <i>(Sch. 7-2(1), Point of Entry)</i>	8760	0.32-1.65
Well 7		
Turbidity (NTU) <i>(Raw Water, 1 Well)</i>	54	0.12-0.54
Chlorine (mg/L) <i>(Sch. 7-2(1), Point of Entry)</i>	8760	0.27-3.51
Wells 8B and 8C		
Turbidity (NTU) <i>(Raw Water, 2 Wells)</i>	95	0.08-0.97
Turbidity (NTU) <i>(Filter Effluent Line)</i>	8760	0.93 (max.)
Pressure Differential (kPa) <i>(5-micron Cartridge Filter)</i>	8760	11.92 (max.)
Chlorine (mg/L) <i>(Sch. 7-2(1), Point of Entry, 2-stage Disinfection)</i>	8760	0.26 (min.)
Wells 9A and 9B		
Turbidity (NTU) <i>(Raw Water, 2 Wells)</i>	97	0.07-0.89
Chlorine (mg/L) <i>(Sch. 7-2(1), Point of Entry, 2-stage Disinfection)</i>	8760	0.74 (min.)

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



	Number of Grab Samples	Range of Results (min #)-(max #)
Well 10		
Turbidity (NTU) <i>(Raw Water, 1 Well)</i>	53	0.12-0.86
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>	55	0.08-0.74
Chlorine (mg/L) <i>(Sch. 7-2(1), Point of Entry)</i>	8760	0.47-2.16
Well 12		
Turbidity (NTU) <i>(Raw Water, 1 Well)</i>	54	0.07-0.38
Chlorine (mg/L) <i>(Sch. 7-2(1), Point of Entry, 2-stage Disinfection)</i>	8760	0.57 (min.)
Orangeville Distribution System		
Chlorine (mg/L) <i>(Sch. 7-2(3), Dist. System)</i>	1095	0.01 ^(a) -1.94

(a) Water test was not collected to comply with O. Reg. 170/03, Sch. 7-2 (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	Minimum Result	Unit of Measure
Well 2A Treatment				
04 Dec 2015	Ultraviolet Intensity (UVI)	2020	34.87	W/m ²
Wells 5 and 5A Treatment				
04 Dec 2015	Ultraviolet Dose (UVD)	2020	47.2 ^(a)	mJ/cm ²
04 Dec 2015	Ultraviolet Transmittance (UVT)	2020	91.1	%
Wells 8B and 8C Treatment				
04 Dec 2015	Ultraviolet Intensity (UVI)	2020	29.51	W/m ²
Wells 9A and 9B Treatment				
04 Dec 2015	Ultraviolet Intensity (UVI)	2020	32.89	W/m ²
Well 10 Treatment				
04 Dec 2015	Ultraviolet Intensity (UVI)	2020	31.9	W/m ²



Date of legal instrument issued	Parameter	Date Sampled	Minimum Result	Unit of Measure
Well 12 Treatment				
04 Dec 2015	Ultraviolet Dose (UVD)	2020	48.9 ^(a)	mJ/cm ²
04 Dec 2015	Ultraviolet Transmittance (UVT)	2020	98.0	%

(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 2020)	Lead	4	< 1.0 - <1.0	ug/L	0
	Alkalinity	4	254 – 256	mg/L	N/A
	pH	4	6.28 – 6.44	none	N/A
Distribution (Sentry Monitoring, Summer 2020)	Lead	4	< 1.0 - <1.0	ug/L	0
	Alkalinity	4	198 – 222	mg/L	N/A
	pH	4	7.15 – 7.57	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

Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
26-May-20	WELL 2A TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
27-May-20	WELL 2A TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
22-Jul-20	WELL 2A TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
25-Aug-20	WELL 2A TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
26-May-20	WELL 2A TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
27-May-20	WELL 2A TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
22-Jul-20	WELL 2A TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
25-Aug-20	WELL 2A TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
26-May-20	WELL 2A TREATED	Treated	Barium (Ba)	75	ug/L	No
27-May-20	WELL 2A TREATED	Treated	Barium (Ba)	72	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Barium (Ba)	88	ug/L	No
22-Jul-20	WELL 2A TREATED	Treated	Barium (Ba)	88	ug/L	No
25-Aug-20	WELL 2A TREATED	Treated	Barium (Ba)	92	ug/L	No
26-May-20	WELL 2A TREATED	Treated	Boron (B)	<50	ug/L	No
27-May-20	WELL 2A TREATED	Treated	Boron (B)	<50	ug/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
21-Jul-20	WELL 2A TREATED	Treated	Boron (B)	<50	ug/L	No
22-Jul-20	WELL 2A TREATED	Treated	Boron (B)	<50	ug/L	No
25-Aug-20	WELL 2A TREATED	Treated	Boron (B)	<50	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Cadmium (Cd)	<0.10	ug/L	No
26-May-20	WELL 2A TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
27-May-20	WELL 2A TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
22-Jul-20	WELL 2A TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
25-Aug-20	WELL 2A TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
26-May-20	WELL 2A TREATED	Treated	Fluoride (F)	0.2	mg/L	No
27-May-20	WELL 2A TREATED	Treated	Fluoride (F)	0.19	mg/L	No
22-Jul-20	WELL 2A TREATED	Treated	Fluoride (F)	0.2	mg/L	No
25-Aug-20	WELL 2A TREATED	Treated	Fluoride (F)	0.2	mg/L	No
26-May-20	WELL 2A TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
27-May-20	WELL 2A TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
22-Jul-20	WELL 2A TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
25-Aug-20	WELL 2A TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Mercury	<0.10	ug/L	No
26-May-20	WELL 2A TREATED	Treated	Nitrate (as N)	4.35	mg/L	No
27-May-20	WELL 2A TREATED	Treated	Nitrate (as N)	4.65	mg/L	No
22-Jul-20	WELL 2A TREATED	Treated	Nitrate (as N)	3.33	mg/L	No
25-Aug-20	WELL 2A TREATED	Treated	Nitrate (as N)	3.32	mg/L	No
26-May-20	WELL 2A TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
27-May-20	WELL 2A TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
22-Jul-20	WELL 2A TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
25-Aug-20	WELL 2A TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
26-May-20	WELL 2A TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
27-May-20	WELL 2A TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Selenium (Se)	<5.0	ug/L	No
22-Jul-20	WELL 2A TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
25-Aug-20	WELL 2A TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
26-May-20	WELL 2A TREATED	Treated	Sodium (Na)	29.6	mg/L	Yes
27-May-20	WELL 2A TREATED	Treated	Sodium (Na)	30.3	mg/L	Yes
22-Jul-20	WELL 2A TREATED	Treated	Sodium (Na)	28.6	mg/L	Yes
25-Aug-20	WELL 2A TREATED	Treated	Sodium (Na)	27.4	mg/L	Yes
26-May-20	WELL 2A TREATED	Treated	Uranium (U)	<2.0	ug/L	No
27-May-20	WELL 2A TREATED	Treated	Uranium (U)	<2.0	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Uranium (U)	<5.0	ug/L	No
22-Jul-20	WELL 2A TREATED	Treated	Uranium (U)	<2.0	ug/L	No
25-Aug-20	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
21-Jul-20	WELL 2A TREATED	Treated	1,1-dichloroethylene (vinylidene chloride)	<0.50	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	1,2-Dichlorobenzene	<0.50	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	1,2-Dichloroethane	<0.50	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	1,4-Dichlorobenzene	<0.50	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	2,3,4,6-Tetrachlorophenol	<0.50	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	2,4,6-Trichlorophenol	<0.50	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	2,4-D	<0.20	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	2,4-Dichlorophenol	<0.30	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Alachlor	<0.10	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Atrazine	<0.10	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Atrazine & Metabolites	<0.20	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Azinphos-methyl	<0.10	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Benzene	<0.50	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Benzo(a)pyrene	<0.0050	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Bromoxynil	<0.20	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Carbaryl	<0.20	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Carbofuran	<0.20	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Carbon tetrachloride	<0.20	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Chlorpyrifos	<0.10	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Diazinon	<0.10	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Dicamba	<0.20	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Dichloromethane	<5.0	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Diclofop-methyl	<0.20	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Dimethoate	<0.10	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Diquat	<1.0	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Diuron	<1.0	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Glyphosate	<5.0	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Malathion	<0.10	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	MCPA	<0.20	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Metolachlor	<0.10	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Metribuzin	<0.10	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Monochlorobenzene	<0.50	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Paraquat	<1.0	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Pentachlorophenol	<0.50	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Phorate	<0.10	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Picloram	<0.20	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Prometryne	<0.10	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Simazine	<0.10	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Terbufos	<0.20	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Tetrachloroethylene (perchloroethylene)	<0.50	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Total PCBs	<0.035	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Triallate	<0.10	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Trichloroethylene	<0.50	ug/L	No
21-Jul-20	WELL 2A TREATED	Treated	Trifluralin	<0.10	ug/L	No
21-Jul-20	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 Results	Unit	Exceedance
22-Jan-20	WELL 5 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
14-Apr-20	WELL 5 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
21-Jul-20	WELL 5 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
27-Oct-20	WELL 5 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
14-Apr-20	WELL 5 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
21-Jul-20	WELL 5 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
27-Oct-20	WELL 5 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Barium (Ba)	74	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Barium (Ba)	77	ug/L	No
14-Apr-20	WELL 5 TREATED	Treated	Barium (Ba)	77	ug/L	No
21-Jul-20	WELL 5 TREATED	Treated	Barium (Ba)	73	ug/L	No
27-Oct-20	WELL 5 TREATED	Treated	Barium (Ba)	86	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Boron (B)	<50	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Boron (B)	<50	ug/L	No
14-Apr-20	WELL 5 TREATED	Treated	Boron (B)	<50	ug/L	No
21-Jul-20	WELL 5 TREATED	Treated	Boron (B)	<50	ug/L	No
27-Oct-20	WELL 5 TREATED	Treated	Boron (B)	<50	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Cadmium (Cd)	<0.10	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
14-Apr-20	WELL 5 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
21-Jul-20	WELL 5 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
27-Oct-20	WELL 5 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Fluoride (F)	0.107	mg/L	No
14-Apr-20	WELL 5 TREATED	Treated	Fluoride (F)	0.11	mg/L	No
21-Jul-20	WELL 5 TREATED	Treated	Fluoride (F)	0.1	mg/L	No
27-Oct-20	WELL 5 TREATED	Treated	Fluoride (F)	0.11	mg/L	No
22-Jan-20	WELL 5 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
14-Apr-20	WELL 5 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
21-Jul-20	WELL 5 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
27-Oct-20	WELL 5 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Mercury	<0.10	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Nitrate (as N)	5.72	mg/L	No
14-Apr-20	WELL 5 TREATED	Treated	Nitrate (as N)	4.96	mg/L	No
21-Jul-20	WELL 5 TREATED	Treated	Nitrate (as N)	5.16	mg/L	No
27-Oct-20	WELL 5 TREATED	Treated	Nitrate (as N)	5.39	mg/L	No
22-Jan-20	WELL 5 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
14-Apr-20	WELL 5 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
21-Jul-20	WELL 5 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
27-Oct-20	WELL 5 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
22-Jan-20	WELL 5 TREATED	Treated	Selenium (Se)	<5.0	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
14-Apr-20	WELL 5 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
21-Jul-20	WELL 5 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
27-Oct-20	WELL 5 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Sodium (Na)	39.1	mg/L	Yes
14-Apr-20	WELL 5 TREATED	Treated	Sodium (Na)	46.1	mg/L	Yes
21-Jul-20	WELL 5 TREATED	Treated	Sodium (Na)	47.7	mg/L	Yes
27-Oct-20	WELL 5 TREATED	Treated	Sodium (Na)	53.3	mg/L	Yes
22-Jan-20	WELL 5 TREATED	Treated	Uranium (U)	<5.0	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
14-Apr-20	WELL 5 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
21-Jul-20	WELL 5 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
27-Oct-20	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
22-Jan-20	WELL 5 TREATED	Treated	1,1-dichloroethylene (vinylidene chloride)	<0.50	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	1,2-Dichlorobenzene	<0.50	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	1,2-Dichloroethane	<0.50	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	1,4-Dichlorobenzene	<0.50	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	2,3,4,6-Tetrachlorophenol	<0.50	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	2,4,6-Trichlorophenol	<0.50	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	2,4-D	<0.20	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	2,4-Dichlorophenol	<0.30	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Alachlor	<0.10	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Atrazine	<0.10	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Atrazine & Metabolites	<0.20	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Azinphos-methyl	<0.10	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Benzene	<0.50	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Benzo(a)pyrene	<0.0050	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Bromoxynil	<0.20	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Carbaryl	<0.20	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Carbofuran	<0.20	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Carbon tetrachloride	<0.20	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Chlorpyrifos	<0.10	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Diazinon	<0.10	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Dicamba	<0.20	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Dichloromethane	<5.0	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Diclofop-methyl	<0.20	ug/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
22-Jan-20	WELL 5 TREATED	Treated	Dimethoate	<0.10	ug/L	No
29-Jan-20	WELL 5 TREATED	Treated	Diquat	<1.0	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Diuron	<1.0	ug/L	No
29-Jan-20	WELL 5 TREATED	Treated	Glyphosate	<5.0	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Malathion	<0.10	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	MCPA	<0.20	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Metolachlor	<0.10	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Metribuzin	<0.10	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Monochlorobenzene	<0.50	ug/L	No
29-Jan-20	WELL 5 TREATED	Treated	Paraquat	<1.0	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Pentachlorophenol	<0.50	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Phorate	<0.10	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Picloram	<0.20	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Prometryne	<0.10	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Simazine	<0.10	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Terbufos	<0.20	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Tetrachloroethylene (perchloroethylene)	<0.50	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Triallate	<0.10	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Trichloroethylene	<0.50	ug/L	No
22-Jan-20	WELL 5 TREATED	Treated	Trifluralin	<0.10	ug/L	No
22-Jan-20	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	Unit	Exceedance
25-Feb-20	WELL 6 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
25-Aug-20	WELL 6 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
24-Nov-20	WELL 6 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
25-Feb-20	WELL 6 TREATED	Treated	Arsenic (As)	1.2	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Arsenic (As)	1	ug/L	No
25-Aug-20	WELL 6 TREATED	Treated	Arsenic (As)	1.1	ug/L	No
24-Nov-20	WELL 6 TREATED	Treated	Arsenic (As)	1.3	ug/L	No
25-Feb-20	WELL 6 TREATED	Treated	Barium (Ba)	170	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Barium (Ba)	166	ug/L	No
25-Aug-20	WELL 6 TREATED	Treated	Barium (Ba)	163	ug/L	No
24-Nov-20	WELL 6 TREATED	Treated	Barium (Ba)	169	ug/L	No
25-Feb-20	WELL 6 TREATED	Treated	Boron (B)	<50	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Boron (B)	<50	ug/L	No
25-Aug-20	WELL 6 TREATED	Treated	Boron (B)	<50	ug/L	No
24-Nov-20	WELL 6 TREATED	Treated	Boron (B)	<50	ug/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
26-May-20	WELL 6 TREATED	Treated	Cadmium (Cd)	<0.10	ug/L	No
25-Feb-20	WELL 6 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
25-Aug-20	WELL 6 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
24-Nov-20	WELL 6 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
25-Feb-20	WELL 6 TREATED	Treated	Fluoride (F)	<0.50	mg/L	No
26-May-20	WELL 6 TREATED	Treated	Fluoride (F)	0.11	mg/L	No
26-May-20	WELL 6 TREATED	Treated	Fluoride (F)	0.11	mg/L	No
25-Aug-20	WELL 6 TREATED	Treated	Fluoride (F)	<0.50	mg/L	No
24-Nov-20	WELL 6 TREATED	Treated	Fluoride (F)	<0.50	mg/L	No
25-Feb-20	WELL 6 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
25-Aug-20	WELL 6 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
24-Nov-20	WELL 6 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Mercury	<0.10	ug/L	No
25-Feb-20	WELL 6 TREATED	Treated	Nitrate (as N)	<0.10	mg/L	No
26-May-20	WELL 6 TREATED	Treated	Nitrate (as N)	0.041	mg/L	No
25-Aug-20	WELL 6 TREATED	Treated	Nitrate (as N)	<0.10	mg/L	No
24-Nov-20	WELL 6 TREATED	Treated	Nitrate (as N)	<0.10	mg/L	No
25-Feb-20	WELL 6 TREATED	Treated	Nitrite (as N)	<0.050	mg/L	No
26-May-20	WELL 6 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
25-Aug-20	WELL 6 TREATED	Treated	Nitrite (as N)	<0.050	mg/L	No
24-Nov-20	WELL 6 TREATED	Treated	Nitrite (as N)	<0.050	mg/L	No
25-Feb-20	WELL 6 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Selenium (Se)	<5.0	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Selenium (Se)	<5.0	ug/L	No
25-Aug-20	WELL 6 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
24-Nov-20	WELL 6 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
25-Feb-20	WELL 6 TREATED	Treated	Sodium (Na)	114	mg/L	Yes
26-May-20	WELL 6 TREATED	Treated	Sodium (Na)	121	mg/L	Yes
25-Aug-20	WELL 6 TREATED	Treated	Sodium (Na)	101	mg/L	Yes
24-Nov-20	WELL 6 TREATED	Treated	Sodium (Na)	107	mg/L	Yes
25-Feb-20	WELL 6 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Uranium (U)	<5.0	ug/L	No
25-Aug-20	WELL 6 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
24-Nov-20	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
26-May-20	WELL 6 TREATED	Treated	1,1-dichloroethylene (vinylidene chloride)	<0.50	ug/L	No
26-May-20	WELL 6 TREATED	Treated	1,2-Dichlorobenzene	<0.50	ug/L	No
26-May-20	WELL 6 TREATED	Treated	1,2-Dichloroethane	<0.50	ug/L	No
26-May-20	WELL 6 TREATED	Treated	1,4-Dichlorobenzene	<0.50	ug/L	No
26-May-20	WELL 6 TREATED	Treated	2,3,4,6-Tetrachlorophenol	<0.50	ug/L	No
26-May-20	WELL 6 TREATED	Treated	2,4,6-Trichlorophenol	<0.50	ug/L	No
26-May-20	WELL 6 TREATED	Treated	2,4-D	<0.20	ug/L	No
26-May-20	WELL 6 TREATED	Treated	2,4-Dichlorophenol	<0.30	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Alachlor	<0.10	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Atrazine	<0.10	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Atrazine & Metabolites	<0.20	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Azinphos-methyl	<0.10	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Benzene	<0.50	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Benzo(a)pyrene	<0.0050	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Bromoxynil	<0.20	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Carbaryl	<0.20	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Carbofuran	<0.20	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Carbon tetrachloride	<0.20	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Chlorpyrifos	<0.10	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Diazinon	<0.10	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Dicamba	<0.20	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Dichloromethane	<5.0	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Diclofop-methyl	<0.20	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Dimethoate	<0.10	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Diquat	<1.0	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Diuron	<1.0	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Glyphosate	<5.0	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Malathion	<0.10	ug/L	No
26-May-20	WELL 6 TREATED	Treated	MCPA	<0.20	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Metolachlor	<0.10	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Metribuzin	<0.10	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Monochlorobenzene	<0.50	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Paraquat	<1.0	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Pentachlorophenol	<0.50	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Phorate	<0.10	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Picloram	<0.20	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Prometryne	<0.10	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Simazine	<0.10	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Terbufos	<0.20	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Tetrachloroethylene (perchloroethylene)	<0.50	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Triallate	<0.10	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Trichloroethylene	<0.50	ug/L	No
26-May-20	WELL 6 TREATED	Treated	Trifluralin	<0.10	ug/L	No
26-May-20	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
25-Mar-20	WELL 7 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
24-Jun-20	WELL 7 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
22-Sep-20	WELL 7 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
22-Dec-20	WELL 7 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
24-Jun-20	WELL 7 TREATED	Treated	Arsenic (As)	1.20	ug/L	No
22-Sep-20	WELL 7 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
22-Dec-20	WELL 7 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Barium (Ba)	135.00	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Barium (Ba)	137.00	ug/L	No
24-Jun-20	WELL 7 TREATED	Treated	Barium (Ba)	137.00	ug/L	No
22-Sep-20	WELL 7 TREATED	Treated	Barium (Ba)	130.00	ug/L	No
22-Dec-20	WELL 7 TREATED	Treated	Barium (Ba)	131.00	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Boron (B)	<50	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Boron (B)	<50	ug/L	No
24-Jun-20	WELL 7 TREATED	Treated	Boron (B)	<50	ug/L	No
22-Sep-20	WELL 7 TREATED	Treated	Boron (B)	<50	ug/L	No
22-Dec-20	WELL 7 TREATED	Treated	Boron (B)	<50	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Cadmium (Cd)	<0.10	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
24-Jun-20	WELL 7 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
22-Sep-20	WELL 7 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
22-Dec-20	WELL 7 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Fluoride (F)	0.13	mg/L	No
24-Jun-20	WELL 7 TREATED	Treated	Fluoride (F)	0.13	mg/L	No
22-Sep-20	WELL 7 TREATED	Treated	Fluoride (F)	0.14	mg/L	No
30-Dec-20	WELL 7 TREATED	Treated	Fluoride (F)	0.13	mg/L	No
30-Dec-20	WELL 7 TREATED	Treated	Fluoride (F)	0.13	mg/L	No
25-Mar-20	WELL 7 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
24-Jun-20	WELL 7 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
22-Sep-20	WELL 7 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
22-Dec-20	WELL 7 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Mercury	<0.10	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Nitrate (as N)	<0.020	mg/L	No
24-Jun-20	WELL 7 TREATED	Treated	Nitrate (as N)	<0.020	mg/L	No
22-Sep-20	WELL 7 TREATED	Treated	Nitrate (as N)	<0.020	mg/L	No
30-Dec-20	WELL 7 TREATED	Treated	Nitrate (as N)	<0.020	mg/L	No

Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
30-Dec-20	WELL 7 TREATED	Treated	Nitrate (as N)	<0.020	mg/L	No
25-Mar-20	WELL 7 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
24-Jun-20	WELL 7 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
22-Sep-20	WELL 7 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
30-Dec-20	WELL 7 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
30-Dec-20	WELL 7 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
25-Mar-20	WELL 7 TREATED	Treated	Selenium (Se)	<5.0	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
24-Jun-20	WELL 7 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
22-Sep-20	WELL 7 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
22-Dec-20	WELL 7 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Sodium (Na)	10.20	mg/L	No
24-Jun-20	WELL 7 TREATED	Treated	Sodium (Na)	10.40	mg/L	No
22-Sep-20	WELL 7 TREATED	Treated	Sodium (Na)	10.40	mg/L	No
22-Dec-20	WELL 7 TREATED	Treated	Sodium (Na)	10.10	mg/L	No
25-Mar-20	WELL 7 TREATED	Treated	Uranium (U)	<5.0	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
24-Jun-20	WELL 7 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
22-Sep-20	WELL 7 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
22-Dec-20	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
25-Mar-20	WELL 7 TREATED	Treated	1,1-dichloroethylene (vinylidene chloride)	<0.50	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	1,2-Dichlorobenzene	<0.50	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	1,2-Dichloroethane	<0.50	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	1,4-Dichlorobenzene	<0.50	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	2,3,4,6-Tetrachlorophenol	<0.50	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	2,4,6-Trichlorophenol	<0.50	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	2,4-D	<0.20	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	2,4-Dichlorophenol	<0.30	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Alachlor	<0.10	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Atrazine	<0.10	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Atrazine & Metabolites	<0.20	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Azinphos-methyl	<0.10	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Benzene	<0.50	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Benzo(a)pyrene	<0.0050	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Bromoxynil	<0.20	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Carbaryl	<0.20	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Carbofuran	<0.20	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Carbon tetrachloride	<0.20	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Chlorpyrifos	<0.10	ug/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
25-Mar-20	WELL 7 TREATED	Treated	Diazinon	<0.10	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Dicamba	<0.20	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Dichloromethane	<5.0	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Diclofop-methyl	<0.20	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Dimethoate	<0.10	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Diquat	<1.0	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Diuron	<1.0	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Glyphosate	<5.0	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Malathion	<0.10	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	MCPA	<0.20	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Metolachlor	<0.10	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Metribuzin	<0.10	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Monochlorobenzene	<0.50	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Paraquat	<1.0	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Pentachlorophenol	<0.50	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Phorate	<0.10	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Picloram	<0.20	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Prometryne	<0.10	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Simazine	<0.10	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Terbufos	<0.20	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Tetrachloroethylene (perchloroethylene)	<0.50	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Triallate	<0.10	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Trichloroethylene	<0.50	ug/L	No
25-Mar-20	WELL 7 TREATED	Treated	Trifluralin	<0.10	ug/L	No
25-Mar-20	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
25-Mar-20	WELL 8 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
24-Jun-20	WELL 8 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
22-Sep-20	WELL 8 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
25-Mar-20	WELL 8 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
24-Jun-20	WELL 8 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
22-Sep-20	WELL 8 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
25-Mar-20	WELL 8 TREATED	Treated	Barium (Ba)	113.00	ug/L	No
24-Jun-20	WELL 8 TREATED	Treated	Barium (Ba)	114.00	ug/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
22-Sep-20	WELL 8 TREATED	Treated	Barium (Ba)	110.00	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Barium (Ba)	106.00	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Barium (Ba)	103.00	ug/L	No
25-Mar-20	WELL 8 TREATED	Treated	Boron (B)	<50	ug/L	No
24-Jun-20	WELL 8 TREATED	Treated	Boron (B)	<50	ug/L	No
22-Sep-20	WELL 8 TREATED	Treated	Boron (B)	<50	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Boron (B)	<50	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Boron (B)	<50	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Cadmium (Cd)	<0.10	ug/L	No
25-Mar-20	WELL 8 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
24-Jun-20	WELL 8 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
22-Sep-20	WELL 8 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
25-Mar-20	WELL 8 TREATED	Treated	Fluoride (F)	0.12	mg/L	No
24-Jun-20	WELL 8 TREATED	Treated	Fluoride (F)	0.14	mg/L	No
22-Sep-20	WELL 8 TREATED	Treated	Fluoride (F)	0.16	mg/L	No
30-Dec-20	WELL 8 TREATED	Treated	Fluoride (F)	0.13	mg/L	No
30-Dec-20	WELL 8 TREATED	Treated	Fluoride (F)	0.13	mg/L	No
25-Mar-20	WELL 8 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
24-Jun-20	WELL 8 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
22-Sep-20	WELL 8 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Mercury	<0.10	ug/L	No
25-Mar-20	WELL 8 TREATED	Treated	Nitrate (as N)	1.64	mg/L	No
24-Jun-20	WELL 8 TREATED	Treated	Nitrate (as N)	0.74	mg/L	No
22-Sep-20	WELL 8 TREATED	Treated	Nitrate (as N)	0.83	mg/L	No
30-Dec-20	WELL 8 TREATED	Treated	Nitrate (as N)	1.57	mg/L	No
30-Dec-20	WELL 8 TREATED	Treated	Nitrate (as N)	1.57	mg/L	No
25-Mar-20	WELL 8 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
24-Jun-20	WELL 8 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
22-Sep-20	WELL 8 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
30-Dec-20	WELL 8 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
30-Dec-20	WELL 8 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
25-Mar-20	WELL 8 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
24-Jun-20	WELL 8 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
22-Sep-20	WELL 8 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Selenium (Se)	<5.0	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
25-Mar-20	WELL 8 TREATED	Treated	Sodium (Na)	22.00	mg/L	Yes
24-Jun-20	WELL 8 TREATED	Treated	Sodium (Na)	12.50	mg/L	No
22-Sep-20	WELL 8 TREATED	Treated	Sodium (Na)	14.30	mg/L	No
22-Dec-20	WELL 8 TREATED	Treated	Sodium (Na)	19.80	mg/L	No
25-Mar-20	WELL 8 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
24-Jun-20	WELL 8 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
22-Sep-20	WELL 8 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Uranium (U)	<5.0	ug/L	No
22-Dec-20	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
22-Dec-20	WELL 8 TREATED	Treated	1,1-dichloroethylene (vinylidene chloride)	<0.50	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	1,2-Dichlorobenzene	<0.50	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	1,2-Dichloroethane	<0.50	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	1,4-Dichlorobenzene	<0.50	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	2,3,4,6-Tetrachlorophenol	<0.50	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	2,4,6-Trichlorophenol	<0.50	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	2,4-D	<0.20	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	2,4-Dichlorophenol	<0.30	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Alachlor	<0.10	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Atrazine	<0.10	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Atrazine & Metabolites	<0.20	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Azinphos-methyl	<0.10	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Benzene	<0.50	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Benzo(a)pyrene	<0.0050	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Bromoxynil	<0.20	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Carbaryl	<0.20	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Carbofuran	<0.20	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Carbon tetrachloride	<0.20	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Chlorpyrifos	<0.10	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Diazinon	<0.10	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Dicamba	<0.20	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Dichloromethane	<5.0	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Diclofop-methyl	<0.20	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Dimethoate	<0.10	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Diquat	<1.0	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Diuron	<1.0	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Glyphosate	<5.0	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Malathion	<0.10	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	MCPA	<0.20	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Metolachlor	<0.10	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Metribuzin	<0.10	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Monochlorobenzene	<0.50	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Paraquat	<1.0	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Pentachlorophenol	<0.50	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Phorate	<0.10	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Picloram	<0.20	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Prometryne	<0.10	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Simazine	<0.10	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Terbufos	<0.20	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Tetrachloroethylene (perchloroethylene)	<0.50	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Triallate	<0.10	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Trichloroethylene	<0.50	ug/L	No
22-Dec-20	WELL 8 TREATED	Treated	Trifluralin	<0.10	ug/L	No
22-Dec-20	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
24-Feb-20	WELL 9 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
26-May-20	WELL 9 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
22-Sep-20	WELL 9 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
24-Nov-20	WELL 9 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
24-Feb-20	WELL 9 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
26-May-20	WELL 9 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
22-Sep-20	WELL 9 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
24-Nov-20	WELL 9 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
24-Feb-20	WELL 9 TREATED	Treated	Barium (Ba)	99.00	ug/L	No
26-May-20	WELL 9 TREATED	Treated	Barium (Ba)	88.00	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Barium (Ba)	98.00	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Barium (Ba)	102.00	ug/L	No
22-Sep-20	WELL 9 TREATED	Treated	Barium (Ba)	95.00	ug/L	No
24-Nov-20	WELL 9 TREATED	Treated	Barium (Ba)	97.00	ug/L	No
24-Feb-20	WELL 9 TREATED	Treated	Boron (B)	<50	ug/L	No
26-May-20	WELL 9 TREATED	Treated	Boron (B)	<50	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Boron (B)	<50	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Boron (B)	<50	ug/L	No
22-Sep-20	WELL 9 TREATED	Treated	Boron (B)	<50	ug/L	No
24-Nov-20	WELL 9 TREATED	Treated	Boron (B)	<50	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Cadmium (Cd)	<0.10	ug/L	No
22-Sep-20	WELL 9 TREATED	Treated	Cadmium (Cd)	<0.10	ug/L	No
24-Feb-20	WELL 9 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
26-May-20	WELL 9 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
22-Sep-20	WELL 9 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
24-Nov-20	WELL 9 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
24-Feb-20	WELL 9 TREATED	Treated	Fluoride (F)	<0.50	mg/L	No
26-May-20	WELL 9 TREATED	Treated	Fluoride (F)	0.15	mg/L	No
25-Aug-20	WELL 9 TREATED	Treated	Fluoride (F)	<0.50	mg/L	No
24-Nov-20	WELL 9 TREATED	Treated	Fluoride (F)	<0.50	mg/L	No
24-Feb-20	WELL 9 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
26-May-20	WELL 9 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
24-Nov-20	WELL 9 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
25-Aug-20	WELL 9 TREATED	Treated	Mercury	<0.10	ug/L	No
22-Sep-20	WELL 9 TREATED	Treated	Mercury	<0.10	ug/L	No
24-Feb-20	WELL 9 TREATED	Treated	Nitrate (as N)	4.15	mg/L	No
26-May-20	WELL 9 TREATED	Treated	Nitrate (as N)	3.59	mg/L	No
25-Aug-20	WELL 9 TREATED	Treated	Nitrate (as N)	4.07	mg/L	No
24-Nov-20	WELL 9 TREATED	Treated	Nitrate (as N)	3.50	mg/L	No
24-Feb-20	WELL 9 TREATED	Treated	Nitrite (as N)	<0.050	mg/L	No
26-May-20	WELL 9 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
25-Aug-20	WELL 9 TREATED	Treated	Nitrite (as N)	<0.050	mg/L	No
24-Nov-20	WELL 9 TREATED	Treated	Nitrite (as N)	<0.050	mg/L	No
24-Feb-20	WELL 9 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
26-May-20	WELL 9 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Selenium (Se)	<5.0	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
22-Sep-20	WELL 9 TREATED	Treated	Selenium (Se)	<5.0	ug/L	No
24-Nov-20	WELL 9 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
24-Feb-20	WELL 9 TREATED	Treated	Sodium (Na)	169.00	mg/L	Yes
26-May-20	WELL 9 TREATED	Treated	Sodium (Na)	164.00	mg/L	Yes
25-Aug-20	WELL 9 TREATED	Treated	Sodium (Na)	169.00	mg/L	Yes
24-Nov-20	WELL 9 TREATED	Treated	Sodium (Na)	171.00	mg/L	Yes
24-Feb-20	WELL 9 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
26-May-20	WELL 9 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Uranium (U)	<5.0	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
22-Sep-20	WELL 9 TREATED	Treated	Uranium (U)	<5.0	ug/L	No
24-Nov-20	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
25-Aug-20	WELL 9 TREATED	Treated	1,1-dichloroethylene (vinylidene chloride)	<0.50	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	1,2-Dichlorobenzene	<0.50	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	1,2-Dichloroethane	<0.50	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	1,4-Dichlorobenzene	<0.50	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	2,3,4,6-Tetrachlorophenol	<0.50	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	2,4,6-Trichlorophenol	<0.50	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	2,4-D	<0.20	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	2,4-Dichlorophenol	<0.30	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Alachlor	<0.10	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Atrazine	<0.10	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Atrazine & Metabolites	<0.20	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Azinphos-methyl	<0.10	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Benzene	<0.50	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Benzo(a)pyrene	<0.0050	ug/L	No

Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
25-Aug-20	WELL 9 TREATED	Treated	Bromoxynil	<0.20	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Carbaryl	<0.20	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Carbofuran	<0.20	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Carbon tetrachloride	<0.20	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Chlorpyrifos	<0.10	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Diazinon	<0.10	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Dicamba	<0.20	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Dichloromethane	<5.0	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Diclofop-methyl	<0.20	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Dimethoate	<0.10	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Diquat	<1.0	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Diuron	<1.0	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Glyphosate	<5.0	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Malathion	<0.10	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	MCPA	<0.20	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Metolachlor	<0.10	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Metribuzin	<0.10	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Monochlorobenzene	<0.50	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Paraquat	<1.0	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Pentachlorophenol	<0.50	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Phorate	<0.10	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Picloram	<0.20	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Prometryne	<0.10	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Simazine	<0.10	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Terbufos	<0.20	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Tetrachloroethylene (perchloroethylene)	<0.50	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Triallate	<0.10	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Trichloroethylene	<0.50	ug/L	No
25-Aug-20	WELL 9 TREATED	Treated	Trifluralin	<0.10	ug/L	No
25-Aug-20	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

Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
22-Jan-20	WELL 10 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
24-Feb-20	WELL 10 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
22-Jan-20	WELL 10 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
24-Feb-20	WELL 10 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
22-Jan-20	WELL 10 TREATED	Treated	Barium (Ba)	138.00	ug/L	No
24-Feb-20	WELL 10 TREATED	Treated	Barium (Ba)	143.00	ug/L	No
22-Jan-20	WELL 10 TREATED	Treated	Boron (B)	152.00	ug/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
24-Feb-20	WELL 10 TREATED	Treated	Boron (B)	137.00	ug/L	No
24-Feb-20	WELL 10 TREATED	Treated	Cadmium (Cd)	<0.10	ug/L	No
22-Jan-20	WELL 10 TREATED	Treated	Chromium (Cr)	2.40	ug/L	No
24-Feb-20	WELL 10 TREATED	Treated	Chromium (Cr)	1.80	ug/L	No
22-Jan-20	WELL 10 TREATED	Treated	Fluoride (F)	0.09	mg/L	No
22-Jan-20	WELL 10 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
24-Feb-20	WELL 10 TREATED	Treated	Mercury	<0.10	ug/L	No
22-Jan-20	WELL 10 TREATED	Treated	Nitrate (as N)	<0.020	mg/L	No
22-Jan-20	WELL 10 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
22-Jan-20	WELL 10 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
24-Feb-20	WELL 10 TREATED	Treated	Selenium (Se)	<5.0	ug/L	No
22-Jan-20	WELL 10 TREATED	Treated	Sodium (Na)	69.00	mg/L	Yes
22-Jan-20	WELL 10 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
24-Feb-20	WELL 10 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
25-Feb-20	WELL 10 TREATED	Treated	1,1-dichloroethylene (vinylidene chloride)	<0.50	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	1,2-Dichlorobenzene	<0.50	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	1,2-Dichloroethane	<0.50	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	1,4-Dichlorobenzene	<0.50	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	2,3,4,6-Tetrachlorophenol	<0.50	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	2,4,6-Trichlorophenol	<0.50	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	2,4-D	<0.20	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	2,4-Dichlorophenol	<0.30	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Alachlor	<0.10	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Atrazine	<0.10	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Atrazine & Metabolites	<0.20	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Azinphos-methyl	<0.10	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Benzene	<0.50	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Benzo(a)pyrene	<0.0050	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Bromoxynil	<0.20	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Carbaryl	<0.20	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Carbofuran	<0.20	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Carbon tetrachloride	<0.20	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Chlorpyrifos	<0.10	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Diazinon	<0.10	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Dicamba	<0.20	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Dichloromethane	<5.0	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Diclofop-methyl	<0.20	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Dimethoate	<0.10	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Diquat	<1.0	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Diuron	<1.0	ug/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
25-Feb-20	WELL 10 TREATED	Treated	Glyphosate	<5.0	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Malathion	<0.10	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	MCPA	<0.20	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Metolachlor	<0.10	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Metribuzin	<0.10	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Monochlorobenzene	<0.50	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Paraquat	<1.0	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Pentachlorophenol	<0.50	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Phorate	<0.10	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Picloram	<0.20	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Prometryne	<0.10	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Simazine	<0.10	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Terbufos	<0.20	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Tetrachloroethylene (perchloroethylene)	<0.50	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Triallate	<0.10	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Trichloroethylene	<0.50	ug/L	No
25-Feb-20	WELL 10 TREATED	Treated	Trifluralin	<0.10	ug/L	No
25-Feb-20	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
24-Feb-20	WELL 11 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
25-May-20	WELL 11 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
25-Aug-20	WELL 11 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
24-Feb-20	WELL 11 TREATED	Treated	Arsenic (As)	5.40	ug/L	No
25-May-20	WELL 11 TREATED	Treated	Arsenic (As)	4.60	ug/L	No
25-May-20	WELL 11 TREATED	Treated	Arsenic (As)	4.50	ug/L	No
25-Aug-20	WELL 11 TREATED	Treated	Arsenic (As)	4.60	ug/L	No
25-Aug-20	WELL 11 TREATED	Treated	Arsenic (As)	4.60	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Arsenic (As)	4.50	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Arsenic (As)	4.40	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Arsenic (As)	4.30	ug/L	No
24-Feb-20	WELL 11 TREATED	Treated	Barium (Ba)	208.00	ug/L	No
25-May-20	WELL 11 TREATED	Treated	Barium (Ba)	200.00	ug/L	No
25-Aug-20	WELL 11 TREATED	Treated	Barium (Ba)	205.00	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Barium (Ba)	221.00	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Barium (Ba)	217.00	ug/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
24-Feb-20	WELL 11 TREATED	Treated	Boron (B)	<50	ug/L	No
25-May-20	WELL 11 TREATED	Treated	Boron (B)	<50	ug/L	No
25-Aug-20	WELL 11 TREATED	Treated	Boron (B)	<50	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Boron (B)	<50	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Boron (B)	<50	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Cadmium (Cd)	<0.10	ug/L	No
24-Feb-20	WELL 11 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
25-May-20	WELL 11 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
25-Aug-20	WELL 11 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
24-Feb-20	WELL 11 TREATED	Treated	Fluoride (F)	<0.50	mg/L	No
25-Aug-20	WELL 11 TREATED	Treated	Fluoride (F)	<0.50	mg/L	No
24-Nov-20	WELL 11 TREATED	Treated	Fluoride (F)	<0.10	mg/L	No
24-Feb-20	WELL 11 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
25-May-20	WELL 11 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
25-Aug-20	WELL 11 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Mercury	<0.10	ug/L	No
24-Feb-20	WELL 11 TREATED	Treated	Nitrate (as N)	<0.10	mg/L	No
25-Aug-20	WELL 11 TREATED	Treated	Nitrate (as N)	<0.10	mg/L	No
24-Nov-20	WELL 11 TREATED	Treated	Nitrate (as N)	<0.020	mg/L	No
24-Feb-20	WELL 11 TREATED	Treated	Nitrite (as N)	<0.050	mg/L	No
25-Aug-20	WELL 11 TREATED	Treated	Nitrite (as N)	<0.050	mg/L	No
24-Nov-20	WELL 11 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
24-Feb-20	WELL 11 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
25-May-20	WELL 11 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
25-Aug-20	WELL 11 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Selenium (Se)	<5.0	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
24-Feb-20	WELL 11 TREATED	Treated	Sodium (Na)	68.60	mg/L	Yes
25-May-20	WELL 11 TREATED	Treated	Sodium (Na)	72.70	mg/L	Yes
25-Aug-20	WELL 11 TREATED	Treated	Sodium (Na)	65.10	mg/L	Yes
24-Nov-20	WELL 11 TREATED	Treated	Sodium (Na)	85.90	mg/L	Yes
24-Feb-20	WELL 11 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
25-May-20	WELL 11 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
25-Aug-20	WELL 11 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Uranium (U)	<5.0	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Uranium (U)	<2.0	ug/L	No

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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-Nov-20	WELL 11 TREATED	Treated	1,1-dichloroethylene (vinylidene chloride)	<0.50	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	1,2-Dichlorobenzene	<0.50	ug/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
24-Nov-20	WELL 11 TREATED	Treated	1,2-Dichloroethane	<0.50	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	1,4-Dichlorobenzene	<0.50	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	2,3,4,6-Tetrachlorophenol	<0.50	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	2,4,6-Trichlorophenol	<0.50	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	2,4-D	<0.20	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	2,4-Dichlorophenol	<0.30	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Alachlor	<0.10	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Atrazine	<0.10	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Atrazine & Metabolites	<0.20	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Azinphos-methyl	<0.10	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Benzene	<0.50	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Benzo(a)pyrene	<0.0050	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Bromoxynil	<0.20	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Carbaryl	<0.20	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Carbofuran	<0.20	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Carbon tetrachloride	<0.20	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Chlorpyrifos	<0.10	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Diazinon	<0.10	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Dicamba	<0.20	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Dichloromethane	<5.0	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Diclofop-methyl	<0.20	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Dimethoate	<0.10	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Diquat	<1.0	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Diuron	<1.0	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Glyphosate	<5.0	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Malathion	<0.10	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	MCPA	<0.20	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Metolachlor	<0.10	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Metribuzin	<0.10	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Monochlorobenzene	<0.50	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Paraquat	<1.0	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Pentachlorophenol	<0.50	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Phorate	<0.10	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Picloram	<0.20	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Prometryne	<0.10	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Simazine	<0.10	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Terbufos	<0.20	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Tetrachloroethylene (perchloroethylene)	<0.50	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Triallate	<0.10	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Trichloroethylene	<0.50	ug/L	No
24-Nov-20	WELL 11 TREATED	Treated	Trifluralin	<0.10	ug/L	No
24-Nov-20	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)	5.4	ug/L	24 Feb 2020



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
22-Jan-20	WELL 12 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
14-Apr-20	WELL 12 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
21-Jul-20	WELL 12 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
27-Oct-20	WELL 12 TREATED	Treated	Antimony (Sb)	<0.60	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
14-Apr-20	WELL 12 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
21-Jul-20	WELL 12 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
27-Oct-20	WELL 12 TREATED	Treated	Arsenic (As)	<1.0	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Barium (Ba)	89.00	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Barium (Ba)	88.00	ug/L	No
14-Apr-20	WELL 12 TREATED	Treated	Barium (Ba)	97.00	ug/L	No
21-Jul-20	WELL 12 TREATED	Treated	Barium (Ba)	90.00	ug/L	No
27-Oct-20	WELL 12 TREATED	Treated	Barium (Ba)	95.00	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Boron (B)	<50	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Boron (B)	<50	ug/L	No
14-Apr-20	WELL 12 TREATED	Treated	Boron (B)	<50	ug/L	No
21-Jul-20	WELL 12 TREATED	Treated	Boron (B)	<50	ug/L	No
27-Oct-20	WELL 12 TREATED	Treated	Boron (B)	<50	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Cadmium (Cd)	<0.10	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
14-Apr-20	WELL 12 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
21-Jul-20	WELL 12 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
27-Oct-20	WELL 12 TREATED	Treated	Chromium (Cr)	<1.0	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Fluoride (F)	0.13	mg/L	No
14-Apr-20	WELL 12 TREATED	Treated	Fluoride (F)	0.12	mg/L	No
21-Jul-20	WELL 12 TREATED	Treated	Fluoride (F)	0.12	mg/L	No
27-Oct-20	WELL 12 TREATED	Treated	Fluoride (F)	0.13	mg/L	No
22-Jan-20	WELL 12 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
14-Apr-20	WELL 12 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
21-Jul-20	WELL 12 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
27-Oct-20	WELL 12 TREATED	Treated	Lead (Pb)	<1.0	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Mercury	<0.10	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Nitrate (as N)	0.47	mg/L	No
14-Apr-20	WELL 12 TREATED	Treated	Nitrate (as N)	0.42	mg/L	No
21-Jul-20	WELL 12 TREATED	Treated	Nitrate (as N)	0.49	mg/L	No
27-Oct-20	WELL 12 TREATED	Treated	Nitrate (as N)	0.48	mg/L	No
22-Jan-20	WELL 12 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
14-Apr-20	WELL 12 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
21-Jul-20	WELL 12 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
27-Oct-20	WELL 12 TREATED	Treated	Nitrite (as N)	<0.010	mg/L	No
22-Jan-20	WELL 12 TREATED	Treated	Selenium (Se)	<5.0	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
14-Apr-20	WELL 12 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
21-Jul-20	WELL 12 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
27-Oct-20	WELL 12 TREATED	Treated	Selenium (Se)	<1.0	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Sodium (Na)	12.80	mg/L	No
14-Apr-20	WELL 12 TREATED	Treated	Sodium (Na)	14.90	mg/L	No
21-Jul-20	WELL 12 TREATED	Treated	Sodium (Na)	14.30	mg/L	No
27-Oct-20	WELL 12 TREATED	Treated	Sodium (Na)	14.10	mg/L	No
22-Jan-20	WELL 12 TREATED	Treated	Uranium (U)	<5.0	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
14-Apr-20	WELL 12 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
21-Jul-20	WELL 12 TREATED	Treated	Uranium (U)	<2.0	ug/L	No
27-Oct-20	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
22-Jan-20	WELL 12 TREATED	Treated	1,1-dichloroethylene (vinylidene chloride)	<0.50	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	1,2-Dichlorobenzene	<0.50	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	1,2-Dichloroethane	<0.50	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	1,4-Dichlorobenzene	<0.50	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	2,3,4,6-Tetrachlorophenol	<0.50	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	2,4,6-Trichlorophenol	<0.50	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	2,4-D	<0.20	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	2,4-Dichlorophenol	<0.30	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Alachlor	<0.10	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Atrazine	<0.10	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Atrazine & Metabolites	<0.20	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Azinphos-methyl	<0.10	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Benzene	<0.50	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Benzo(a)pyrene	<0.0050	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Bromoxynil	<0.20	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Carbaryl	<0.20	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Carbofuran	<0.20	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Carbon tetrachloride	<0.20	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Chlorpyrifos	<0.10	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Diazinon	<0.10	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Dicamba	<0.20	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Dichloromethane	<5.0	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Diclofop-methyl	<0.20	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Dimethoate	<0.10	ug/L	No
29-Jan-20	WELL 12 TREATED	Treated	Diquat	<1.0	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Diuron	<1.0	ug/L	No
29-Jan-20	WELL 12 TREATED	Treated	Glyphosate	<5.0	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Malathion	<0.10	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	MCPA	<0.20	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Metolachlor	<0.10	ug/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
22-Jan-20	WELL 12 TREATED	Treated	Metribuzin	<0.10	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Monochlorobenzene	<0.50	ug/L	No
29-Jan-20	WELL 12 TREATED	Treated	Paraquat	<1.0	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Pentachlorophenol	<0.50	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Phorate	<0.10	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Picloram	<0.20	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Prometryne	<0.10	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Simazine	<0.10	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Terbufos	<0.20	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Tetrachloroethylene (perchloroethylene)	<0.50	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Triallate	<0.10	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Trichloroethylene	<0.50	ug/L	No
22-Jan-20	WELL 12 TREATED	Treated	Trifluralin	<0.10	ug/L	No
22-Jan-20	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
8-Apr-19	Murray Court (SS)	Distribution	Total Trihalomethanes	39.2	ug/L	
8-Apr-19	South Sector Res. (Out)	Distribution	Total Trihalomethanes	40.9	ug/L	
8-Apr-19	Buena Vista Dr. (SS)	Distribution	Total Trihalomethanes	18.8	ug/L	
			Average for Quarter	33.0	ug/L	
18-Jul-19	Murray Court (SS)	Distribution	Total Trihalomethanes	48.8	ug/L	
18-Jul-19	South Sector Res. (Out)	Distribution	Total Trihalomethanes	58.3	ug/L	
18-Jul-19	Buena Vista Dr. (SS)	Distribution	Total Trihalomethanes	54.7	ug/L	
			Average for Quarter	53.9	ug/L	
23-Oct-19	Murray Court (SS)	Distribution	Total Trihalomethanes	39	ug/L	
23-Oct-19	South Sector Res. (Out)	Distribution	Total Trihalomethanes	43.9	ug/L	
23-Oct-19	Buena Vista Dr. (SS)	Distribution	Total Trihalomethanes	37.4	ug/L	
			Average for Quarter	40.1	ug/L	
22-Jan-20	Murray Court (SS)	Distribution	Total Trihalomethanes	46.2	ug/L	
22-Jan-20	South Sector Res. (Out)	Distribution	Total Trihalomethanes	58.2	ug/L	
22-Jan-20	Buena Vista Dr. (SS)	Distribution	Total Trihalomethanes	31.7	ug/L	
			Average for Quarter	45.4	ug/L	



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
			Running Annual Average of Quarterly Results	43.1	ug/L	No
14-Apr-20	Murray Court (SS)	Distribution	Total Trihalomethanes	22.5	ug/L	
14-Apr-20	South Sector Res. (Out)	Distribution	Total Trihalomethanes	22.6	ug/L	
14-Apr-20	Buena Vista Dr. (SS)	Distribution	Total Trihalomethanes	24	ug/L	
			Average for Quarter	23.0	ug/L	
			Running Annual Average of Quarterly Results	40.6	ug/L	No
21-Jul-20	Murray Court (SS)	Distribution	Total Trihalomethanes	23.1	ug/L	
21-Jul-20	South Sector Res. (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	
			Running Annual Average of Quarterly Results	33.0	ug/L	No
27-Oct-20	Murray Court (SS)	Distribution	Total Trihalomethanes	28.2	ug/L	
27-Oct-20	South Sector Res. (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	
			Running Annual Average of Quarterly Results	29.3	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
8-Apr-19	202 First St. (SS)	Distribution	Total Haloacetic Acids	8.1	ug/L	
8-Apr-19	South Sector Res. (Out)	Distribution	Total Haloacetic Acids	8.9	ug/L	
8-Apr-19	Buena Vista Dr. (SS)	Distribution	Total Haloacetic Acids	4.2	ug/L	
			Average for Quarter	7.1	ug/L	
18-Jul-19	202 First St. (SS)	Distribution	Total Haloacetic Acids	7.6	ug/L	
18-Jul-19	South Sector Res. (Out)	Distribution	Total Haloacetic Acids	12.3	ug/L	
18-Jul-19	Buena Vista Dr. (SS)	Distribution	Total Haloacetic Acids	12.2	ug/L	
			Average for Quarter	10.7	ug/L	
23-Oct-19	202 First St. (SS)	Distribution	Total Haloacetic Acids	10.3	ug/L	
23-Oct-19	South Sector Res. (Out)	Distribution	Total Haloacetic Acids	11.6	ug/L	
23-Oct-19	Buena Vista Dr. (SS)	Distribution	Total Haloacetic Acids	10.8	ug/L	



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Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
			Average for Quarter	10.9	ug/L	
22-Jan-20	202 First St. (SS)	Distribution	Total Haloacetic Acids	10.8	ug/L	
22-Jan-20	South Sector Res. (Out)	Distribution	Total Haloacetic Acids	12.1	ug/L	
22-Jan-20	Buena Vista Dr. (SS)	Distribution	Total Haloacetic Acids	4.9	ug/L	
			Average for Quarter	9.3	ug/L	
			Running Annual Average of Quarterly Results	9.5	ug/L	No
14-Apr-20	202 First St. (SS)	Distribution	Total Haloacetic Acids	4.6	ug/L	
14-Apr-20	South Sector Res. (Out)	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	
			Running Annual Average of Quarterly Results	9.0	ug/L	No
21-Jul-20	202 First St. (SS)	Distribution	Total Haloacetic Acids	5.2	ug/L	
21-Jul-20	South Sector Res. (Out)	Distribution	Total Haloacetic Acids	6.6	ug/L	
21-Jul-20	Buena Vista Dr. (SS)	Distribution	Total Haloacetic Acids	< 2.2	ug/L	
			Average for Quarter	< 4.7	ug/L	
			Running Annual Average of Quarterly Results	< 7.5	ug/L	No
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	
			Running Annual Average of Quarterly Results	< 7.6	ug/L	No