



2023 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, 2023

<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;"> <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 129.7 km of watermains, 1,121 fire hydrants and 1,553 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 10,919 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. High-lift pump inspections and preventive maintenance programs.
2. Roof repairs at two water works facilities.
3. Well pump motor replacement.
4. Filter media pilot study at one water treatment facility.

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
08 Feb 2023 161301	Watermain depressurizations due to temporary shutdown of nearby water supply wells for biennial step-testing. [R. 170/03, S. 16-4]	< 138	kPa	Well supply restored to system, affected watermains flushed, chlorine residuals checked, and water samples collected for microbiological testing. Testing results were within regulated microbiological standards. No further action required.	11 Feb 2023
02 Mar 2023 161411	Watermain depressurizations due to temporary shutdown of nearby water supply wells for biennial step-testing. [R. 170/03, S. 16-4]	< 138	kPa	Well supply restored to system, affected watermains flushed, chlorine residuals checked, and water samples collected for microbiological testing. Testing results were within regulated microbiological standards. No further action required.	06 Mar 2023
21 Mar 2023 161543	Improperly disinfected water discharged to the distribution system due to a malfunctioning valve inside a water treatment facility. The valve was being operated to complete biennial step-testing. Minimum treated water chlorine residual required at water treatment facility is 0.22 mg/L. [R. 170/03, S. 16-4]	< 0.22	mg/L	Immediately stop step-test and discharge of water to the distribution system. Affected watermains flushed, chlorine residuals checked, and water samples collected for microbiological testing. Testing results were within regulated microbiological standards. No further action required.	23 Mar 2023
20 Apr 2023 161791	Watermain depressurizations due to significant watermain break. [R. 170/03, S. 16-4]	< 138	kPa	Isolate broken section of watermain and restore water pressure to affected areas. Flush affected watermains, chlorine residuals checked, and multiple sets of water samples collected for microbiological testing. Short-term boil water advisory issued to small number of consumers as required. Testing results were within regulatory microbiological standards. No further action required.	24 Apr 2023
05 May 2023 161905	Watermain depressurizations due to broken endcap on 200 mm	< 138	kPa	Isolate service pipe and affected sections of watermain. Affected watermains flushed, chlorine residuals checked, and water	08 May 2023



Incident Date and AWQI No.	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date or Date Resolved
	diameter water service pipe. [R. 170/03, S. 16-4]			samples collected for microbiological testing. Testing results were within regulated microbiological standards. No further action required.	
26 May 2023 162011	Watermain depressurizations due to broken fire supply pipe on private property. Improperly disinfected water discharged to the distribution system due to low chlorine residual at a water treatment facility. [R. 170/03, S. 16-4]	< 138 < 0.20	kPa mg/L	Isolate affected watermains and restore pressure and chlorination as required. Flush affected watermains, chlorine residuals checked, and water samples collected for microbiological testing. Testing results were within regulated microbiological standards. No further action required.	29 May 2023
02 Oct 2023 163677	Watermain depressurizations due to operational issues within the distribution system. [R. 170/03, S. 16-4]	< 138	kPa	Restore pressure to affected areas of the distribution system. Flush affected watermains, chlorine residuals checked, and water samples collected for microbiological testing. Testing results were within regulated microbiological standards. No further action required.	06 Oct 2023
20 Oct 2023 163839	Watermain depressurizations due to operational issues within the distribution system. [R. 170/03, S. 16-4]	< 138	kPa	Restore pressure to affected areas of the distribution system. Flush affected watermains, chlorine residuals checked, and water samples collected for microbiological testing. Testing results were within regulated microbiological standards. No further action required.	22 Oct 2023
08 Dec 2023 164171	Watermain depressurizations due to operational issues within the distribution system. [R. 170/03, S. 16-4]	< 138	kPa	Restore pressure to affected areas of the distribution system. Flush affected watermains, chlorine residuals checked, and water samples collected for microbiological testing. Testing results were within regulated microbiological standards. No further action required.	11 Dec 2023



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>	24	0 – 0	0 - 0	24 / 24	0-10 / 0-2
Treated <i>(point of entry)</i>	24	0 – 0	0 – 0	24 / 24	0-50 / 0-0
Wells 5 and 5A					
Raw <i>(2 source wells)</i>	104	0 – 0	0 – 2	104 / 104	0-30 / 0-0
Treated <i>(point of entry)</i>	52	0 - 0	0 – 0	52 / 52	0-20 / 0-0
Well 6					
Raw <i>(1 source well)</i>	52	0 – 0	0 – 0	52 / 52	0-80 / 0-0
Treated <i>(point of entry)</i>	52	0 – 0	0 – 0	52 / 52	0-10 / 0-0
Well 7					
Raw <i>(1 source well)</i>	52	0 – 0	0 – 0	52 / 52	0-60 / 0-0
Treated <i>(point of entry)</i>	52	0 – 0	0 – 0	52 / 52	0-20 / 0-0
Wells 8B and 8C					
Raw <i>(2 source wells)</i>	104	0 – 0	0 - 0	104 / 104	0-140 / 0-0
Treated <i>(point of entry)</i>	4	0 – 0	0 – 0	4 / 4	0-0 / 0-0
Wells 9A and 9B					
Raw <i>(2 source wells)</i>	98	0 – 0	0 – 1	98 / 98	0-30 / 0-42
Treated <i>(point of entry)</i>	49	0 – 0	0 – 0	49 / 49	0-20 / 0-0
Well 10					
Raw <i>(1 source well)</i>	52	0 – 1	0 – 1	52 / 52	0-10 / 0-1
Treated <i>(point of entry)</i>	27	0 – 0	0 – 0	27 / 27	0-10 / 0-0
Well 11					
Raw <i>(1 source well)</i>	52	0 – 0	0 – 0	52 / 52	0-30 / 0-0
Treated <i>(point of entry)</i>	52	0 – 0	0 – 0	52 / 52	0-30 / 0-0
Well 12					
Raw	52	0 – 0	0 – 0	52 / 52	0-20 / 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 #)
<i>(1 source well)</i>					
Treated <i>(point of entry)</i>	52	0 – 0	0 – 0	52 / 52	0-30 / 0-0
Orangeville Distribution System					
Distribution <i>(routine)</i>	623	0 – 0	0 – 0	623 / 623	0-60 / 0-49
Distribution <i>(non-routine)</i>	162	0 – 0	0 – 0	162 / 162	0-120 / 0-22

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>	24	0.08 – 0.77
Turbidity (NTU) <i>(Filter Effluent Line)</i>	8760	0.90 (max.)
Pressure Differential (kPa) <i>(5-micron Cartridge Filter)</i>	8760	57.3 (max.)
Chlorine (mg/L) <i>(Sch. 7-2(1), Point of Entry, 2-stage Disinfection)</i>	8760	0.68 (min.)
Wells 5 and 5A		
Turbidity (NTU) <i>(Raw Water, 2 Wells)</i>	104	0.05 – 0.69
Chlorine (mg/L) <i>(Sch. 7-2(1), Point of Entry, 2-stage Disinfection)</i>	8760	1.30 (min.)
Well 6		
Turbidity (NTU) <i>(Raw Water, 1 Well)</i>	52	0.1 – 0.74
Chlorine (mg/L) <i>(Sch. 7-2(1), Point of Entry)</i>	8760	0.40 – 1.98
Well 7		
Turbidity (NTU) <i>(Raw Water, 1 Well)</i>	52	0.1 – 0.86
Chlorine (mg/L) <i>(Sch. 7-2(1), Point of Entry)</i>	8760	0.00 – 2.88
Wells 8B and 8C		
Turbidity (NTU) <i>(Raw Water, 2 Wells)</i>	104	0.1 – 1.36

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

	Number of Grab Samples	Range of Results (min #)-(max #)
Turbidity (NTU) <i>(Filter Effluent Line)</i>	8760	0.99 (max.)
Pressure Differential (kPa) <i>(5-micron Cartridge Filter)</i>	8760	68.9 (max.)
Chlorine (mg/L) <i>(Sch. 7-2(1), Point of Entry, 2-stage Disinfection)</i>	8760	1.31 (min.)
Wells 9A and 9B		
Turbidity (NTU) <i>(Raw Water, 2 Wells)</i>	98	0.06 – 0.83
Chlorine (mg/L) <i>(Sch. 7-2(1), Point of Entry, 2-stage Disinfection)</i>	8760	0.40 (min.)
Well 10		
Turbidity (NTU) <i>(Raw Water, 1 Well)</i>	51	0.08 – 0.79
Chlorine (mg/L) <i>(Sch. 7-2(1), Point of Entry, 2-stage Disinfection)</i>	8760	1.01 (min.)
Well 11		
Turbidity (NTU) <i>(Raw Water, 1 Well)</i>	52	0.1 – 0.68
Chlorine (mg/L) <i>(Sch. 7-2(1), Point of Entry)</i>	8760	0.04 – 2.21
Well 12		
Turbidity (NTU) <i>(Raw Water, 1 Well)</i>	52	0.08 – 0.51
Chlorine (mg/L) <i>(Sch. 7-2(1), Point of Entry, 2-stage Disinfection)</i>	8760	1.25 (min.)
Orangeville Distribution System		
Chlorine (mg/L) <i>(Sch. 7-2(3), Dist. System)</i>	1090	0.65 – 2.00

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)	2023	40.5	W/m ²
Wells 5 and 5A Treatment				
01 Dec 2020	Ultraviolet Dose (UVD)	2023	40.9 ^(a)	mJ/cm ²



Date of legal instrument issued	Parameter	Date Sampled	Minimum Result	Unit of Measure
01 Dec 2020	Ultraviolet Transmittance (UVT)	2023	90.0	%
Wells 8B and 8C Treatment				
01 Dec 2020	Ultraviolet Intensity (UVI)	2023	40.6	W/m ²
Wells 9A and 9B Treatment				
01 Dec 2020	Ultraviolet Intensity (UVI)	2023	40.2	W/m ²
Well 10 Treatment				
01 Dec 2020	Ultraviolet Intensity (UVI)	2023	40.2	W/m ²
Well 12 Treatment				
01 Dec 2020	Ultraviolet Dose (UVD)	2023	40.1 ^(a)	mJ/cm ²
01 Dec 2020	Ultraviolet Transmittance (UVT)	2023	90.4	%

(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 <i>(Sentry Monitoring, Winter 2023)</i>	Lead	4	0.18 – 1.09	ug/L	0
	Alkalinity	4	253 - 268	mg/L	N/A
	pH	4	7.39 – 7.52	none	N/A
Distribution <i>(Sentry Monitoring, Summer 2023)</i>	Lead	4	0.24 – 0.73	ug/L	0
	Alkalinity	4	240 - 255	mg/L	N/A
	pH	4	7.47 – 7.64	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	Unit	Exceedance
25-Apr-23	WELL 2A TREATED	Treated Water	Antimony	<0.6	µg/L	No
15-May-23	WELL 2A TREATED	Treated Water	Antimony	<0.6	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Antimony	<0.6	µg/L	No



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Date Sampled	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedance
22-Aug-23	WELL 2A TREATED	Treated Water	Antimony	<0.6	µg/L	No
25-Apr-23	WELL 2A TREATED	Treated Water	Arsenic	0.2	µg/L	No
15-May-23	WELL 2A TREATED	Treated Water	Arsenic	<0.2	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Arsenic	<0.2	µg/L	No
22-Aug-23	WELL 2A TREATED	Treated Water	Arsenic	<0.2	µg/L	No
25-Apr-23	WELL 2A TREATED	Treated Water	Barium	78.5	µg/L	No
15-May-23	WELL 2A TREATED	Treated Water	Barium	86.8	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Barium	87.3	µg/L	No
22-Aug-23	WELL 2A TREATED	Treated Water	Barium	85.2	µg/L	No
25-Apr-23	WELL 2A TREATED	Treated Water	Boron	15	µg/L	No
15-May-23	WELL 2A TREATED	Treated Water	Boron	15	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Boron	13	µg/L	No
22-Aug-23	WELL 2A TREATED	Treated Water	Boron	13	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Cadmium	0.029	µg/L	No
25-Apr-23	WELL 2A TREATED	Treated Water	Chromium	0.5	µg/L	No
15-May-23	WELL 2A TREATED	Treated Water	Chromium	0.44	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Chromium	0.86	µg/L	No
22-Aug-23	WELL 2A TREATED	Treated Water	Chromium	0.37	µg/L	No
25-Apr-23	WELL 2A TREATED	Treated Water	Fluoride	0.23	mg/L	No
15-May-23	WELL 2A TREATED	Treated Water	Fluoride	0.24	mg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Fluoride	0.22	mg/L	No
22-Aug-23	WELL 2A TREATED	Treated Water	Fluoride	0.23	mg/L	No
25-Apr-23	WELL 2A TREATED	Treated Water	Lead	0.04	µg/L	No
15-May-23	WELL 2A TREATED	Treated Water	Lead	0.02	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Lead	0.02	µg/L	No
22-Aug-23	WELL 2A TREATED	Treated Water	Lead	0.02	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Mercury	<0.01	µg/L	No
25-Apr-23	WELL 2A TREATED	Treated Water	Nitrate (as N)	4.62	mg/L	No
15-May-23	WELL 2A TREATED	Treated Water	Nitrate (as N)	3.32	mg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Nitrate (as N)	3.4	mg/L	No
22-Aug-23	WELL 2A TREATED	Treated Water	Nitrate (as N)	3.07	mg/L	No
25-Apr-23	WELL 2A TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
15-May-23	WELL 2A TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
22-Aug-23	WELL 2A TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
25-Apr-23	WELL 2A TREATED	Treated Water	Selenium	0.16	µg/L	No
15-May-23	WELL 2A TREATED	Treated Water	Selenium	0.16	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Selenium	0.07	µg/L	No
22-Aug-23	WELL 2A TREATED	Treated Water	Selenium	0.16	µg/L	No
25-Apr-23	WELL 2A TREATED	Treated Water	Sodium	42	mg/L	Yes



Date Sampled	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedance
15-May-23	WELL 2A TREATED	Treated Water	Sodium	35	mg/L	Yes
24-Jul-23	WELL 2A TREATED	Treated Water	Sodium	36.9	mg/L	Yes
22-Aug-23	WELL 2A TREATED	Treated Water	Sodium	38.4	mg/L	Yes
25-Apr-23	WELL 2A TREATED	Treated Water	Uranium	0.7	µg/L	No
15-May-23	WELL 2A TREATED	Treated Water	Uranium	0.816	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Uranium	0.743	µg/L	No
22-Aug-23	WELL 2A TREATED	Treated Water	Uranium	0.753	µg/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

Date Sampled	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedance
24-Jul-23	WELL 2A TREATED	Treated Water	1,1-Dichloroethylene (vinylidene chloride)	<0.33	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	1,2-Dichlorobenzene	<0.41	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	1,2-Dichloroethane	<0.35	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	1,4-Dichlorobenzene	<0.36	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	2,3,4,6-tetrachlorophenol	<0.20	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	2,4,6-trichlorophenol	<0.25	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	2,4-dichlorophenol	<0.15	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	2,4-dichlorophenoxyacetic acid (2,4-D)	<0.19	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Alachlor	<0.02	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Atrazine	<0.01	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Atrazine + N-dealkylated metabolites	<0.01	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Azinphos-methyl	<0.05	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Benzene	<0.32	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Benzo(a)pyrene	<0.004	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Bromoxynil	<0.33	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Carbaryl	<0.05	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Carbofuran	<0.01	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Carbon tetrachloride	<0.17	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Chlorpyrifos	<0.02	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Diazinon	<0.02	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Dicamba	<0.20	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Dichloromethane	<0.35	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Diclofop-methyl	<0.40	µg/L	No



Date Sampled	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedance
24-Jul-23	WELL 2A TREATED	Treated Water	Dimethoate	<0.06	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Diquat	<1	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Diuron	<0.03	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Glyphosate	<1	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Malathion	<0.02	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	MCPA	<0.00012	mg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Metolachlor	<0.01	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Metribuzin	<0.02	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Monochlorobenzene	<0.3	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Paraquat	<1	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Pentachlorophenol	<0.15	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Phorate	<0.01	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Picloram	<1	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Polychlorinated Biphenyls (PCBs) - Total	<0.04	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Prometryne	<0.03	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Simazine	<0.01	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Terbufos	<0.01	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Tetrachloroethylene (perchloroethylene)	<0.35	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Triallate	<0.01	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Trichloroethylene	<0.44	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Trifluralin	<0.02	µg/L	No
24-Jul-23	WELL 2A TREATED	Treated Water	Vinyl Chloride	<0.17	µg/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	Exceedances
23-Jan-23	WELL 5 TREATED	Treated Water	Antimony	<0.6	µg/L	No
25-Apr-23	WELL 5 TREATED	Treated Water	Antimony	<0.6	µg/L	No
24-Jul-23	WELL 5 TREATED	Treated Water	Antimony	<0.6	µg/L	No
22-Oct-23	WELL 5 TREATED	Treated Water	Antimony	<0.6	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Arsenic	0.3	µg/L	No
25-Apr-23	WELL 5 TREATED	Treated Water	Arsenic	0.3	µg/L	No



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Sample Date	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedances
24-Jul-23	WELL 5 TREATED	Treated Water	Arsenic	0.2	µg/L	No
22-Oct-23	WELL 5 TREATED	Treated Water	Arsenic	0.2	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Barium	86.8	µg/L	No
25-Apr-23	WELL 5 TREATED	Treated Water	Barium	67.7	µg/L	No
24-Jul-23	WELL 5 TREATED	Treated Water	Barium	79.6	µg/L	No
22-Oct-23	WELL 5 TREATED	Treated Water	Barium	79.1	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Boron	10	µg/L	No
25-Apr-23	WELL 5 TREATED	Treated Water	Boron	10	µg/L	No
24-Jul-23	WELL 5 TREATED	Treated Water	Boron	10	µg/L	No
22-Oct-23	WELL 5 TREATED	Treated Water	Boron	9	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Cadmium	0.015	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Chromium	0.62	µg/L	No
25-Apr-23	WELL 5 TREATED	Treated Water	Chromium	1.22	µg/L	No
24-Jul-23	WELL 5 TREATED	Treated Water	Chromium	0.93	µg/L	No
22-Oct-23	WELL 5 TREATED	Treated Water	Chromium	0.78	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Fluoride	0.13	mg/L	No
25-Apr-23	WELL 5 TREATED	Treated Water	Fluoride	0.13	mg/L	No
24-Jul-23	WELL 5 TREATED	Treated Water	Fluoride	0.13	mg/L	No
22-Oct-23	WELL 5 TREATED	Treated Water	Fluoride	0.13	mg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Lead	0.01	µg/L	No
25-Apr-23	WELL 5 TREATED	Treated Water	Lead	<0.01	µg/L	No
24-Jul-23	WELL 5 TREATED	Treated Water	Lead	<0.01	µg/L	No
22-Oct-23	WELL 5 TREATED	Treated Water	Lead	0.01	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Mercury	<0.01	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Nitrate (as N)	5.67	mg/L	No
25-Apr-23	WELL 5 TREATED	Treated Water	Nitrate (as N)	4.82	mg/L	No
24-Jul-23	WELL 5 TREATED	Treated Water	Nitrate (as N)	4.62	mg/L	No
22-Oct-23	WELL 5 TREATED	Treated Water	Nitrate (as N)	4.84	mg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
25-Apr-23	WELL 5 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
24-Jul-23	WELL 5 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
22-Oct-23	WELL 5 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Selenium	0.98	µg/L	No
25-Apr-23	WELL 5 TREATED	Treated Water	Selenium	0.2	µg/L	No
24-Jul-23	WELL 5 TREATED	Treated Water	Selenium	0.09	µg/L	No
22-Oct-23	WELL 5 TREATED	Treated Water	Selenium	0.11	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Sodium	54.2	mg/L	Yes
25-Apr-23	WELL 5 TREATED	Treated Water	Sodium	43.6	mg/L	Yes
24-Jul-23	WELL 5 TREATED	Treated Water	Sodium	53.2	mg/L	Yes
22-Oct-23	WELL 5 TREATED	Treated Water	Sodium	55.8	mg/L	Yes

Sample Date	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedances
23-Jan-23	WELL 5 TREATED	Treated Water	Uranium	0.538	µg/L	No
25-Apr-23	WELL 5 TREATED	Treated Water	Uranium	0.476	µg/L	No
24-Jul-23	WELL 5 TREATED	Treated Water	Uranium	0.438	µg/L	No
22-Oct-23	WELL 5 TREATED	Treated Water	Uranium	0.475	µg/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

Date Sampled	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedance
23-Jan-23	WELL 5 TREATED	Treated Water	1,1-Dichloroethylene (vinylidene chloride)	<0.33	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	1,2-Dichlorobenzene	<0.41	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	1,2-Dichloroethane	<0.35	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	1,4-Dichlorobenzene	<0.36	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	2,3,4,6-tetrachlorophenol	<0.20	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	2,4,6-trichlorophenol	<0.25	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	2,4-dichlorophenol	<0.15	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	2,4-dichlorophenoxyacetic acid (2,4-D)	<0.19	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Alachlor	<0.02	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Atrazine	<0.01	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Atrazine + N-dealkylated metabolites	<0.01	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Azinphos-methyl	<0.05	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Benzene	<0.32	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Benzo(a)pyrene	<0.004	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Bromoxynil	<0.33	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Carbaryl	<0.05	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Carbofuran	<0.01	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Carbon tetrachloride	<0.17	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Chlorpyrifos	<0.02	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Diazinon	<0.02	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Dicamba	<0.20	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Dichloromethane	<0.35	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Diclofop-methyl	<0.40	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Dimethoate	<0.06	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Diquat	<1	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Diuron	<0.03	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Glyphosate	<1	µg/L	No



Date Sampled	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedance
23-Jan-23	WELL 5 TREATED	Treated Water	Malathion	<0.02	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	MCPA	<0.00012	mg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Metolachlor	<0.01	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Metribuzin	<0.02	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Monochlorobenzene	<0.3	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Paraquat	<1	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Pentachlorophenol	<0.15	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Phorate	<0.01	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Picloram	<1	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Polychlorinated Biphenyls (PCBs) - Total	<0.04	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Prometryne	<0.03	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Simazine	<0.01	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Terbufos	<0.01	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Tetrachloroethylene (perchloroethylene)	<0.35	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Triallate	<0.01	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Trichloroethylene	<0.44	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Trifluralin	<0.02	µg/L	No
23-Jan-23	WELL 5 TREATED	Treated Water	Vinyl Chloride	<0.17	µg/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 Result	Unit	Exceedances
6-Feb-23	WELL 6 TREATED	Treated Water	Antimony	<0.6	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Antimony	<0.6	µg/L	No
22-Aug-23	WELL 6 TREATED	Treated Water	Antimony	<0.6	µg/L	No
20-Nov-23	WELL 6 TREATED	Treated Water	Antimony	<0.6	µg/L	No
6-Feb-23	WELL 6 TREATED	Treated Water	Arsenic	1.1	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Arsenic	0.9	µg/L	No
22-Aug-23	WELL 6 TREATED	Treated Water	Arsenic	0.9	µg/L	No
20-Nov-23	WELL 6 TREATED	Treated Water	Arsenic	0.9	µg/L	No
6-Feb-23	WELL 6 TREATED	Treated Water	Barium	179	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Barium	177	µg/L	No
22-Aug-23	WELL 6 TREATED	Treated Water	Barium	165	µg/L	No



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Sample Date	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedances
20-Nov-23	WELL 6 TREATED	Treated Water	Barium	175	µg/L	No
6-Feb-23	WELL 6 TREATED	Treated Water	Boron	17	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Boron	13	µg/L	No
22-Aug-23	WELL 6 TREATED	Treated Water	Boron	13	µg/L	No
20-Nov-23	WELL 6 TREATED	Treated Water	Boron	15	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Cadmium	<0.003	µg/L	No
6-Feb-23	WELL 6 TREATED	Treated Water	Chromium	0.13	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Chromium	0.45	µg/L	No
22-Aug-23	WELL 6 TREATED	Treated Water	Chromium	0.3	µg/L	No
20-Nov-23	WELL 6 TREATED	Treated Water	Chromium	0.17	µg/L	No
6-Feb-23	WELL 6 TREATED	Treated Water	Fluoride	0.13	mg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Fluoride	0.13	mg/L	No
22-Aug-23	WELL 6 TREATED	Treated Water	Fluoride	0.13	mg/L	No
20-Nov-23	WELL 6 TREATED	Treated Water	Fluoride	0.13	mg/L	No
6-Feb-23	WELL 6 TREATED	Treated Water	Lead	0.2	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Lead	0.2	µg/L	No
22-Aug-23	WELL 6 TREATED	Treated Water	Lead	0.18	µg/L	No
20-Nov-23	WELL 6 TREATED	Treated Water	Lead	0.2	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Mercury	<0.01	µg/L	No
6-Feb-23	WELL 6 TREATED	Treated Water	Nitrate (as N)	0.064	mg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Nitrate (as N)	0.065	mg/L	No
6-Jun-23	WELL 6 TREATED	Treated Water	Nitrate (as N)	0.071	mg/L	No
22-Aug-23	WELL 6 TREATED	Treated Water	Nitrate (as N)	0.063	mg/L	No
20-Nov-23	WELL 6 TREATED	Treated Water	Nitrate (as N)	0.067	mg/L	No
6-Feb-23	WELL 6 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
6-Jun-23	WELL 6 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
22-Aug-23	WELL 6 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
20-Nov-23	WELL 6 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
6-Feb-23	WELL 6 TREATED	Treated Water	Selenium	0.08	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Selenium	<0.04	µg/L	No
22-Aug-23	WELL 6 TREATED	Treated Water	Selenium	0.08	µg/L	No
20-Nov-23	WELL 6 TREATED	Treated Water	Selenium	0.04	µg/L	No
6-Feb-23	WELL 6 TREATED	Treated Water	Sodium	116	mg/L	Yes
16-May-23	WELL 6 TREATED	Treated Water	Sodium	127	mg/L	Yes
22-Aug-23	WELL 6 TREATED	Treated Water	Sodium	130	mg/L	Yes
20-Nov-23	WELL 6 TREATED	Treated Water	Sodium	127	mg/L	Yes
6-Feb-23	WELL 6 TREATED	Treated Water	Uranium	1.44	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Uranium	1.53	µg/L	No
22-Aug-23	WELL 6 TREATED	Treated Water	Uranium	1.46	µg/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedances
20-Nov-23	WELL 6 TREATED	Treated Water	Uranium	1.5	µg/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

Date Sampled	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedance
16-May-23	WELL 6 TREATED	Treated Water	1,1-Dichloroethylene (vinylidene chloride)	<0.33	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	1,2-Dichlorobenzene	<0.41	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	1,2-Dichloroethane	<0.35	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	1,4-Dichlorobenzene	<0.36	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	2,3,4,6-tetrachlorophenol	<0.20	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	2,4,6-trichlorophenol	<0.25	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	2,4-dichlorophenol	<0.15	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	2,4-dichlorophenoxyacetic acid (2,4-D)	<0.19	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Alachlor	<0.02	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Atrazine	<0.01	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Atrazine + N-dealkylated metabolites	<0.01	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Azinphos-methyl	<0.05	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Benzene	<0.32	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Benzo(a)pyrene	<0.004	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Bromoxynil	<0.33	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Carbaryl	<0.05	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Carbofuran	<0.01	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Carbon tetrachloride	<0.17	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Chlorpyrifos	<0.02	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Diazinon	<0.02	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Dicamba	<0.20	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Dichloromethane	<0.35	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Diclofop-methyl	<0.40	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Dimethoate	<0.06	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Diquat	<1	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Diuron	<0.03	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Glyphosate	<1	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Malathion	<0.02	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	MCPA	<0.00012	mg/L	No



Date Sampled	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedance
16-May-23	WELL 6 TREATED	Treated Water	Metolachlor	<0.01	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Metribuzin	<0.02	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Monochlorobenzene	<0.3	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Paraquat	<1	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Pentachlorophenol	<0.15	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Phorate	<0.01	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Picloram	<1	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Polychlorinated Biphenyls (PCBs) - Total	<0.04	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Prometryne	<0.03	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Simazine	<0.01	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Terbufos	<0.01	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Tetrachloroethylene (perchloroethylene)	<0.35	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Triallate	<0.01	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Trichloroethylene	<0.44	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Trifluralin	<0.02	µg/L	No
16-May-23	WELL 6 TREATED	Treated Water	Vinyl Chloride	<0.17	µg/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 Result	Unit	Exceedances
6-Mar-23	WELL 7 TREATED	Treated Water	Antimony	<0.6	µg/L	No
28-Jun-23	WELL 7 TREATED	Treated Water	Antimony	<0.6	µg/L	No
19-Sep-23	WELL 7 TREATED	Treated Water	Antimony	<0.6	µg/L	No
20-Dec-23	WELL 7 TREATED	Treated Water	Antimony	<0.6	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Arsenic	0.7	µg/L	No
28-Jun-23	WELL 7 TREATED	Treated Water	Arsenic	0.9	µg/L	No
19-Sep-23	WELL 7 TREATED	Treated Water	Arsenic	0.8	µg/L	No
20-Dec-23	WELL 7 TREATED	Treated Water	Arsenic	1	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Barium	134	µg/L	No
28-Jun-23	WELL 7 TREATED	Treated Water	Barium	133	µg/L	No
19-Sep-23	WELL 7 TREATED	Treated Water	Barium	134	µg/L	No
20-Dec-23	WELL 7 TREATED	Treated Water	Barium	129	µg/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedances
6-Mar-23	WELL 7 TREATED	Treated Water	Boron	15	µg/L	No
28-Jun-23	WELL 7 TREATED	Treated Water	Boron	12	µg/L	No
19-Sep-23	WELL 7 TREATED	Treated Water	Boron	11	µg/L	No
20-Dec-23	WELL 7 TREATED	Treated Water	Boron	11	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Cadmium	0.004	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Chromium	0.11	µg/L	No
28-Jun-23	WELL 7 TREATED	Treated Water	Chromium	0.22	µg/L	No
19-Sep-23	WELL 7 TREATED	Treated Water	Chromium	0.14	µg/L	No
20-Dec-23	WELL 7 TREATED	Treated Water	Chromium	0.14	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Fluoride	0.14	mg/L	No
28-Jun-23	WELL 7 TREATED	Treated Water	Fluoride	0.17	mg/L	No
19-Sep-23	WELL 7 TREATED	Treated Water	Fluoride	0.17	mg/L	No
20-Dec-23	WELL 7 TREATED	Treated Water	Fluoride	0.22	mg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Lead	0.1	µg/L	No
28-Jun-23	WELL 7 TREATED	Treated Water	Lead	0.09	µg/L	No
19-Sep-23	WELL 7 TREATED	Treated Water	Lead	0.11	µg/L	No
20-Dec-23	WELL 7 TREATED	Treated Water	Lead	0.12	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Mercury	<0.01	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Nitrate (as N)	<0.006	mg/L	No
28-Jun-23	WELL 7 TREATED	Treated Water	Nitrate (as N)	<0.006	mg/L	No
19-Sep-23	WELL 7 TREATED	Treated Water	Nitrate (as N)	<0.006	mg/L	No
20-Dec-23	WELL 7 TREATED	Treated Water	Nitrate (as N)	<0.006	mg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
28-Jun-23	WELL 7 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
19-Sep-23	WELL 7 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
20-Dec-23	WELL 7 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Selenium	0.18	µg/L	No
28-Jun-23	WELL 7 TREATED	Treated Water	Selenium	0.06	µg/L	No
19-Sep-23	WELL 7 TREATED	Treated Water	Selenium	<0.04	µg/L	No
20-Dec-23	WELL 7 TREATED	Treated Water	Selenium	<0.04	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Sodium	10.4	mg/L	No
28-Jun-23	WELL 7 TREATED	Treated Water	Sodium	10.9	mg/L	No
19-Sep-23	WELL 7 TREATED	Treated Water	Sodium	11.7	mg/L	No
20-Dec-23	WELL 7 TREATED	Treated Water	Sodium	11.3	mg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Uranium	0.265	µg/L	No
28-Jun-23	WELL 7 TREATED	Treated Water	Uranium	0.254	µg/L	No
19-Sep-23	WELL 7 TREATED	Treated Water	Uranium	0.261	µg/L	No
20-Dec-23	WELL 7 TREATED	Treated Water	Uranium	0.249	µg/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

Date Sampled	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedance
6-Mar-23	WELL 7 TREATED	Treated Water	1,1-Dichloroethylene (vinylidene chloride)	<0.33	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	1,2-Dichlorobenzene	<0.41	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	1,2-Dichloroethane	<0.35	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	1,4-Dichlorobenzene	<0.36	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	2,3,4,6-tetrachlorophenol	<0.20	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	2,4,6-trichlorophenol	<0.25	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	2,4-dichlorophenol	<0.15	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	2,4-dichlorophenoxyacetic acid (2,4-D)	<0.19	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Alachlor	<0.02	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Atrazine	<0.01	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Atrazine + N-dealkylated metabolites	<0.01	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Azinphos-methyl	<0.05	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Benzene	<0.32	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Benzo(a)pyrene	<0.004	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Bromoxynil	<0.33	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Carbaryl	<0.05	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Carbofuran	<0.01	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Carbon tetrachloride	<0.17	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Chlorpyrifos	<0.02	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Diazinon	<0.02	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Dicamba	<0.20	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Dichloromethane	<0.35	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Diclofop-methyl	<0.40	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Dimethoate	<0.06	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Diquat	<1	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Diuron	<0.03	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Glyphosate	<1	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Malathion	<0.02	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	MCPA	<0.00012	mg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Metolachlor	<0.01	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Metribuzin	<0.02	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Monochlorobenzene	<0.3	µg/L	No



Date Sampled	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedance
6-Mar-23	WELL 7 TREATED	Treated Water	Paraquat	<1	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Pentachlorophenol	<0.15	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Phorate	<0.01	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Picloram	<1	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Polychlorinated Biphenyls (PCBs) - Total	<0.04	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Prometryne	<0.03	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Simazine	<0.01	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Terbufos	<0.01	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Tetrachloroethylene (perchloroethylene)	<0.35	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Triallate	<0.01	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Trichloroethylene	<0.44	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Trifluralin	<0.02	µg/L	No
6-Mar-23	WELL 7 TREATED	Treated Water	Vinyl Chloride	<0.17	µg/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 Result	Unit	Exceedances
12-Dec-22	WELL 8 TREATED	Treated Water	Antimony	<0.6	µg/L	No
5-Jul-23	WELL 8 TREATED	Treated Water	Antimony	<0.6	µg/L	No
20-Jul-23	WELL 8 TREATED	Treated Water	Antimony	<0.6	µg/L	No
20-Oct-23	WELL 8 TREATED	Treated Water	Antimony	<0.6	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Arsenic	0.3	µg/L	No
5-Jul-23	WELL 8 TREATED	Treated Water	Arsenic	0.5	µg/L	No
20-Jul-23	WELL 8 TREATED	Treated Water	Arsenic	0.4	µg/L	No
20-Oct-23	WELL 8 TREATED	Treated Water	Arsenic	0.3	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Barium	95	µg/L	No
5-Jul-23	WELL 8 TREATED	Treated Water	Barium	92.8	µg/L	No
20-Jul-23	WELL 8 TREATED	Treated Water	Barium	96	µg/L	No
20-Oct-23	WELL 8 TREATED	Treated Water	Barium	111	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Boron	12	µg/L	No
5-Jul-23	WELL 8 TREATED	Treated Water	Boron	9	µg/L	No
20-Jul-23	WELL 8 TREATED	Treated Water	Boron	10	µg/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedances
20-Oct-23	WELL 8 TREATED	Treated Water	Boron	9	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Cadmium	0.004	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Chromium	0.38	µg/L	No
5-Jul-23	WELL 8 TREATED	Treated Water	Chromium	0.65	µg/L	No
20-Jul-23	WELL 8 TREATED	Treated Water	Chromium	0.81	µg/L	No
20-Oct-23	WELL 8 TREATED	Treated Water	Chromium	0.3	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Fluoride	0.12	mg/L	No
5-Jul-23	WELL 8 TREATED	Treated Water	Fluoride	0.19	mg/L	No
20-Jul-23	WELL 8 TREATED	Treated Water	Fluoride	0.16	mg/L	No
20-Oct-23	WELL 8 TREATED	Treated Water	Fluoride	0.21	mg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Lead	0.02	µg/L	No
5-Jul-23	WELL 8 TREATED	Treated Water	Lead	0.04	µg/L	No
20-Jul-23	WELL 8 TREATED	Treated Water	Lead	0.04	µg/L	No
20-Oct-23	WELL 8 TREATED	Treated Water	Lead	0.04	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Mercury	<0.01	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Nitrate (as N)	3.13	mg/L	No
5-Jul-23	WELL 8 TREATED	Treated Water	Nitrate (as N)	2.46	mg/L	No
20-Jul-23	WELL 8 TREATED	Treated Water	Nitrate (as N)	1.83	mg/L	No
20-Oct-23	WELL 8 TREATED	Treated Water	Nitrate (as N)	1.36	mg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
5-Jul-23	WELL 8 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
20-Jul-23	WELL 8 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
20-Oct-23	WELL 8 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Selenium	0.09	µg/L	No
5-Jul-23	WELL 8 TREATED	Treated Water	Selenium	0.1	µg/L	No
20-Jul-23	WELL 8 TREATED	Treated Water	Selenium	0.15	µg/L	No
20-Oct-23	WELL 8 TREATED	Treated Water	Selenium	0.13	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Sodium	29.5	mg/L	Yes
5-Jul-23	WELL 8 TREATED	Treated Water	Sodium	30.4	mg/L	Yes
20-Jul-23	WELL 8 TREATED	Treated Water	Sodium	28.7	mg/L	Yes
20-Oct-23	WELL 8 TREATED	Treated Water	Sodium	19.1	mg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Uranium	0.421	µg/L	No
5-Jul-23	WELL 8 TREATED	Treated Water	Uranium	0.441	µg/L	No
20-Jul-23	WELL 8 TREATED	Treated Water	Uranium	0.387	µg/L	No
20-Oct-23	WELL 8 TREATED	Treated Water	Uranium	0.378	µg/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

Date Sampled	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedance
12-Dec-22	WELL 8 TREATED	Treated Water	1,1-Dichloroethylene (vinylidene chloride)	<0.33	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	1,2-Dichlorobenzene	<0.41	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	1,2-Dichloroethane	<0.35	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	1,4-Dichlorobenzene	<0.36	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	2,3,4,6-tetrachlorophenol	<0.20	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	2,4,6-trichlorophenol	<0.25	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	2,4-dichlorophenol	<0.15	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	2,4-dichlorophenoxyacetic acid (2,4-D)	<0.19	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Alachlor	<0.02	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Atrazine	<0.01	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Atrazine + N-dealkylated metabolites	<0.01	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Azinphos-methyl	<0.05	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Benzene	<0.32	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Benzo(a)pyrene	<0.004	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Bromoxynil	<0.33	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Carbaryl	<0.05	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Carbofuran	<0.01	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Carbon tetrachloride	<0.17	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Chlorpyrifos	<0.02	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Desethyl atrazine	<0.01	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Diazinon	<0.02	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Dicamba	<0.20	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Dichloromethane	<0.35	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Diclofop-methyl	<0.40	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Dimethoate	<0.06	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Diquat	<1	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Diuron	<0.03	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Glyphosate	<1	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Malathion	<0.02	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	MCPA	<0.00012	mg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Metolachlor	<0.01	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Metribuzin	<0.02	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Monochlorobenzene	<0.3	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Paraquat	<1	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Pentachlorophenol	<0.15	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Phorate	<0.01	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Picloram	<1	µg/L	No



Date Sampled	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedance
12-Dec-22	WELL 8 TREATED	Treated Water	Polychlorinated Biphenyls (PCBs) - Total	<0.04	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Prometryne	<0.03	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Simazine	<0.01	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Terbufos	<0.01	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Tetrachloroethylene (perchloroethylene)	<0.35	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Triallate	<0.01	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Trichloroethylene	<0.44	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Trifluralin	<0.02	µg/L	No
12-Dec-22	WELL 8 TREATED	Treated Water	Vinyl Chloride	<0.17	µg/L	No

O. Reg. 170/03 Sch. 23 and 24 (inorganic and organic) testing could not be completed for the Well 8 water treatment facility during the current reporting period. The facility was offline for much of 2023 to facilitate planned maintenance, inspections, reservoir cleaning and upgrades. The above tables summarize the most recent testing results.

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 Result	Unit	Exceedances
6-Feb-23	WELL 9 TREATED	Treated Water	Antimony	<0.6	µg/L	No
16-May-23	WELL 9 TREATED	Treated Water	Antimony	<0.6	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Antimony	<0.6	µg/L	No
20-Nov-23	WELL 9 TREATED	Treated Water	Antimony	<0.6	µg/L	No
6-Feb-23	WELL 9 TREATED	Treated Water	Arsenic	0.8	µg/L	No
16-May-23	WELL 9 TREATED	Treated Water	Arsenic	0.7	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Arsenic	0.7	µg/L	No
20-Nov-23	WELL 9 TREATED	Treated Water	Arsenic	0.6	µg/L	No
6-Feb-23	WELL 9 TREATED	Treated Water	Barium	88.4	µg/L	No
16-May-23	WELL 9 TREATED	Treated Water	Barium	84.7	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Barium	85.7	µg/L	No
20-Nov-23	WELL 9 TREATED	Treated Water	Barium	95.7	µg/L	No
6-Feb-23	WELL 9 TREATED	Treated Water	Boron	20	µg/L	No
16-May-23	WELL 9 TREATED	Treated Water	Boron	16	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Boron	14	µg/L	No
20-Nov-23	WELL 9 TREATED	Treated Water	Boron	16	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Cadmium	0.033	µg/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedances
6-Feb-23	WELL 9 TREATED	Treated Water	Chromium	0.41	µg/L	No
16-May-23	WELL 9 TREATED	Treated Water	Chromium	0.57	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Chromium	0.51	µg/L	No
20-Nov-23	WELL 9 TREATED	Treated Water	Chromium	0.48	µg/L	No
6-Feb-23	WELL 9 TREATED	Treated Water	Fluoride	0.17	mg/L	No
16-May-23	WELL 9 TREATED	Treated Water	Fluoride	0.16	mg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Fluoride	0.19	mg/L	No
20-Nov-23	WELL 9 TREATED	Treated Water	Fluoride	0.16	mg/L	No
6-Feb-23	WELL 9 TREATED	Treated Water	Lead	0.14	µg/L	No
16-May-23	WELL 9 TREATED	Treated Water	Lead	0.15	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Lead	0.14	µg/L	No
20-Nov-23	WELL 9 TREATED	Treated Water	Lead	0.14	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Mercury	<0.01	µg/L	No
6-Feb-23	WELL 9 TREATED	Treated Water	Nitrate (as N)	3.35	mg/L	No
16-May-23	WELL 9 TREATED	Treated Water	Nitrate (as N)	3.32	mg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Nitrate (as N)	3.91	mg/L	No
20-Nov-23	WELL 9 TREATED	Treated Water	Nitrate (as N)	3.69	mg/L	No
6-Feb-23	WELL 9 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
16-May-23	WELL 9 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
20-Nov-23	WELL 9 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
6-Feb-23	WELL 9 TREATED	Treated Water	Selenium	0.4	µg/L	No
16-May-23	WELL 9 TREATED	Treated Water	Selenium	0.14	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Selenium	0.18	µg/L	No
20-Nov-23	WELL 9 TREATED	Treated Water	Selenium	0.12	µg/L	No
6-Feb-23	WELL 9 TREATED	Treated Water	Sodium	134	mg/L	Yes
16-May-23	WELL 9 TREATED	Treated Water	Sodium	133	mg/L	Yes
22-Aug-23	WELL 9 TREATED	Treated Water	Sodium	153	mg/L	Yes
20-Nov-23	WELL 9 TREATED	Treated Water	Sodium	168	mg/L	Yes
6-Feb-23	WELL 9 TREATED	Treated Water	Uranium	0.629	µg/L	No
16-May-23	WELL 9 TREATED	Treated Water	Uranium	0.625	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Uranium	0.607	µg/L	No
20-Nov-23	WELL 9 TREATED	Treated Water	Uranium	0.617	µg/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

Date Sampled	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedance
22-Aug-23	WELL 9 TREATED	Treated Water	1,1-Dichloroethylene (vinylidene chloride)	<0.33	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	1,2-Dichlorobenzene	<0.41	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	1,2-Dichloroethane	<0.35	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	1,4-Dichlorobenzene	<0.36	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	2,3,4,6-tetrachlorophenol	<0.20	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	2,4,6-trichlorophenol	<0.25	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	2,4-dichlorophenol	<0.15	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	2,4-dichlorophenoxyacetic acid (2,4-D)	<0.19	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Alachlor	<0.02	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Atrazine	<0.01	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Atrazine + N-dealkylated metabolites	<0.01	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Azinphos-methyl	<0.05	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Benzene	<0.32	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Benzo(a)pyrene	<0.004	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Bromoxynil	<0.33	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Carbaryl	<0.05	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Carbofuran	<0.01	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Carbon tetrachloride	<0.17	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Chlorpyrifos	<0.02	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Diazinon	<0.02	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Dicamba	<0.20	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Dichloromethane	<0.35	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Diclofop-methyl	<0.40	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Dimethoate	<0.06	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Diquat	<1	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Diuron	<0.03	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Glyphosate	<1	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Malathion	<0.02	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	MCPA	<0.00012	mg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Metolachlor	<0.01	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Metribuzin	<0.02	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Monochlorobenzene	<0.3	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Paraquat	<1	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Pentachlorophenol	<0.15	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Phorate	<0.01	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Picloram	<1	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Polychlorinated Biphenyls (PCBs) - Total	<0.04	µg/L	No

Date Sampled	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedance
22-Aug-23	WELL 9 TREATED	Treated Water	Prometryne	<0.03	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Simazine	<0.01	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Terbufos	<0.01	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Tetrachloroethylene (perchloroethylene)	<0.35	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Triallate	<0.01	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Trichloroethylene	<0.44	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Trifluralin	<0.02	µg/L	No
22-Aug-23	WELL 9 TREATED	Treated Water	Vinyl Chloride	<0.17	µg/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 Result	Unit	Exceedances
23-Jan-23	WELL 10 TREATED	Treated Water	Antimony	<0.6	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Antimony	<0.6	µg/L	No
24-Apr-23	WELL 10 TREATED	Treated Water	Antimony	<0.6	µg/L	No
23-Jan-23	WELL 10 TREATED	Treated Water	Arsenic	<0.2	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Arsenic	0.4	µg/L	No
24-Apr-23	WELL 10 TREATED	Treated Water	Arsenic	0.3	µg/L	No
23-Jan-23	WELL 10 TREATED	Treated Water	Barium	149	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Barium	152	µg/L	No
24-Apr-23	WELL 10 TREATED	Treated Water	Barium	140	µg/L	No
23-Jan-23	WELL 10 TREATED	Treated Water	Boron	180	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Boron	204	µg/L	No
24-Apr-23	WELL 10 TREATED	Treated Water	Boron	163	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Cadmium	0.007	µg/L	No
23-Jan-23	WELL 10 TREATED	Treated Water	Chromium	0.09	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Chromium	0.18	µg/L	No
24-Apr-23	WELL 10 TREATED	Treated Water	Chromium	0.68	µg/L	No
23-Jan-23	WELL 10 TREATED	Treated Water	Fluoride	0.11	mg/L	No
24-Apr-23	WELL 10 TREATED	Treated Water	Fluoride	0.12	mg/L	No
23-Jan-23	WELL 10 TREATED	Treated Water	Lead	<0.01	µg/L	No
24-Apr-23	WELL 10 TREATED	Treated Water	Lead	0.02	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Mercury	<0.01	µg/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedances
23-Jan-23	WELL 10 TREATED	Treated Water	Nitrate (as N)	<0.006	mg/L	No
24-Apr-23	WELL 10 TREATED	Treated Water	Nitrate (as N)	<0.006	mg/L	No
23-Jan-23	WELL 10 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
24-Apr-23	WELL 10 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
23-Jan-23	WELL 10 TREATED	Treated Water	Selenium	<0.04	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Selenium	0.25	µg/L	No
24-Apr-23	WELL 10 TREATED	Treated Water	Selenium	<0.04	µg/L	No
23-Jan-23	WELL 10 TREATED	Treated Water	Sodium	84.7	mg/L	Yes
24-Apr-23	WELL 10 TREATED	Treated Water	Sodium	84.6	mg/L	Yes
23-Jan-23	WELL 10 TREATED	Treated Water	Uranium	0.592	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Uranium	0.505	µg/L	No
24-Apr-23	WELL 10 TREATED	Treated Water	Uranium	0.523	µg/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

Date Sampled	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedance
7-Feb-23	WELL 10 TREATED	Treated Water	1,1-Dichloroethylene (vinylidene chloride)	<0.33	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	1,2-Dichlorobenzene	<0.41	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	1,2-Dichloroethane	<0.35	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	1,4-Dichlorobenzene	<0.36	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	2,3,4,6-tetrachlorophenol	<0.20	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	2,4,6-trichlorophenol	<0.25	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	2,4-dichlorophenol	<0.15	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	2,4-dichlorophenoxyacetic acid (2,4-D)	<0.19	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Alachlor	<0.02	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Atrazine	<0.01	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Atrazine + N-dealkylated metabolites	<0.01	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Azinphos-methyl	<0.05	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Benzene	<0.32	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Benzo(a)pyrene	<0.004	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Bromoxynil	<0.33	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Carbaryl	<0.05	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Carbofuran	<0.01	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Carbon tetrachloride	<0.17	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Chlorpyrifos	<0.02	µg/L	No



Date Sampled	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedance
7-Feb-23	WELL 10 TREATED	Treated Water	Diazinon	<0.02	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Dicamba	<0.20	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Dichloromethane	<0.35	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Diclofop-methyl	<0.40	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Dimethoate	<0.06	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Diquat	<1	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Diuron	<0.03	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Glyphosate	<1	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Malathion	<0.02	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	MCPA	<0.00012	mg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Metolachlor	<0.01	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Metribuzin	<0.02	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Monochlorobenzene	<0.3	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Paraquat	<1	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Pentachlorophenol	<0.15	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Phorate	<0.01	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Picloram	<1	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Polychlorinated Biphenyls (PCBs) - Total	<0.04	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Prometryne	<0.03	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Simazine	<0.01	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Terbufos	<0.01	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Tetrachloroethylene (perchloroethylene)	<0.35	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Triallate	<0.01	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Trichloroethylene	<0.44	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Trifluralin	<0.02	µg/L	No
7-Feb-23	WELL 10 TREATED	Treated Water	Vinyl Chloride	<0.17	µg/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 Result	Unit	Exceedances
6-Feb-23	WELL 11 TREATED	Treated Water	Antimony	<0.6	µg/L	No
15-May-23	WELL 11 TREATED	Treated Water	Antimony	<0.6	µg/L	No



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Sample Date	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedances
22-Aug-23	WELL 11 TREATED	Treated Water	Antimony	<0.6	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Antimony	<0.6	µg/L	No
6-Feb-23	WELL 11 TREATED	Treated Water	Arsenic	6.5	µg/L	No
15-May-23	WELL 11 TREATED	Treated Water	Arsenic	5.7	µg/L	No
22-Aug-23	WELL 11 TREATED	Treated Water	Arsenic	5.2	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Arsenic	5	µg/L	No
6-Feb-23	WELL 11 TREATED	Treated Water	Barium	234	µg/L	No
15-May-23	WELL 11 TREATED	Treated Water	Barium	210	µg/L	No
22-Aug-23	WELL 11 TREATED	Treated Water	Barium	208	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Barium	221	µg/L	No
6-Feb-23	WELL 11 TREATED	Treated Water	Boron	20	µg/L	No
15-May-23	WELL 11 TREATED	Treated Water	Boron	19	µg/L	No
22-Aug-23	WELL 11 TREATED	Treated Water	Boron	18	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Boron	20	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Cadmium	<0.003	µg/L	No
6-Feb-23	WELL 11 TREATED	Treated Water	Chromium	<0.08	µg/L	No
15-May-23	WELL 11 TREATED	Treated Water	Chromium	0.45	µg/L	No
22-Aug-23	WELL 11 TREATED	Treated Water	Chromium	0.32	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Chromium	0.22	µg/L	No
6-Feb-23	WELL 11 TREATED	Treated Water	Fluoride	0.12	mg/L	No
15-May-23	WELL 11 TREATED	Treated Water	Fluoride	0.17	mg/L	No
22-Aug-23	WELL 11 TREATED	Treated Water	Fluoride	0.12	mg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Fluoride	0.14	mg/L	No
6-Feb-23	WELL 11 TREATED	Treated Water	Lead	0.34	µg/L	No
15-May-23	WELL 11 TREATED	Treated Water	Lead	0.16	µg/L	No
22-Aug-23	WELL 11 TREATED	Treated Water	Lead	0.15	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Lead	0.17	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Mercury	<0.01	µg/L	No
6-Feb-23	WELL 11 TREATED	Treated Water	Nitrate (as N)	<0.006	mg/L	No
15-May-23	WELL 11 TREATED	Treated Water	Nitrate (as N)	<0.006	mg/L	No
6-Jun-23	WELL 11 TREATED	Treated Water	Nitrate (as N)	<0.006	mg/L	No
22-Aug-23	WELL 11 TREATED	Treated Water	Nitrate (as N)	<0.006	mg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Nitrate (as N)	<0.006	mg/L	No
6-Feb-23	WELL 11 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
15-May-23	WELL 11 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
6-Jun-23	WELL 11 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
22-Aug-23	WELL 11 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
6-Feb-23	WELL 11 TREATED	Treated Water	Selenium	0.11	µg/L	No
15-May-23	WELL 11 TREATED	Treated Water	Selenium	<0.04	µg/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedances
22-Aug-23	WELL 11 TREATED	Treated Water	Selenium	0.05	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Selenium	<0.04	µg/L	No
6-Feb-23	WELL 11 TREATED	Treated Water	Sodium	77.7	mg/L	Yes
15-May-23	WELL 11 TREATED	Treated Water	Sodium	78.9	mg/L	Yes
22-Aug-23	WELL 11 TREATED	Treated Water	Sodium	87.6	mg/L	Yes
20-Nov-23	WELL 11 TREATED	Treated Water	Sodium	92.8	mg/L	Yes
6-Feb-23	WELL 11 TREATED	Treated Water	Uranium	0.469	µg/L	No
15-May-23	WELL 11 TREATED	Treated Water	Uranium	0.512	µg/L	No
22-Aug-23	WELL 11 TREATED	Treated Water	Uranium	0.474	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Uranium	0.486	µg/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

Date Sampled	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedance
20-Nov-23	WELL 11 TREATED	Treated Water	1,1-Dichloroethylene (vinylidene chloride)	<0.33	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	1,2-Dichlorobenzene	<0.41	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	1,2-Dichloroethane	<0.35	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	1,4-Dichlorobenzene	<0.36	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	2,3,4,6-tetrachlorophenol	<0.20	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	2,4,6-trichlorophenol	<0.25	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	2,4-dichlorophenol	<0.15	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	2,4-dichlorophenoxyacetic acid (2,4-D)	<0.19	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Alachlor	<0.02	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Atrazine	<0.01	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Atrazine + N-dealkylated metabolites	<0.01	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Azinphos-methyl	<0.05	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Benzene	<0.32	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Benzo(a)pyrene	<0.004	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Bromoxynil	<0.33	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Carbaryl	<0.05	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Carbofuran	<0.01	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Carbon tetrachloride	<0.17	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Chlorpyrifos	<0.02	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Diazinon	<0.02	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Dicamba	<0.20	µg/L	No



Date Sampled	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedance
20-Nov-23	WELL 11 TREATED	Treated Water	Dichloromethane	<0.35	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Diclofop-methyl	<0.40	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Dimethoate	<0.06	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Diquat	<1	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Diuron	<0.03	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Glyphosate	<1	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Malathion	<0.02	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	MCPA	<0.00012	mg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Metolachlor	<0.01	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Metribuzin	<0.02	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Monochlorobenzene	<0.3	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Paraquat	<1	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Pentachlorophenol	<0.15	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Phorate	<0.01	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Picloram	<1	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Polychlorinated Biphenyls (PCBs) - Total	<0.04	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Prometryne	<0.03	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Simazine	<0.01	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Terbufos	<0.01	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Tetrachloroethylene (perchloroethylene)	<0.35	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Triallate	<0.01	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Trichloroethylene	<0.44	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Trifluralin	<0.02	µg/L	No
20-Nov-23	WELL 11 TREATED	Treated Water	Vinyl Chloride	<0.17	µg/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)	6.5	ug/L	6-Feb-23
Arsenic (As)	5.7	ug/L	15-May-23
Arsenic (As)	5.2	ug/L	22-Aug-23

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 Result	Unit	Exceedances
23-Jan-23	WELL 12 TREATED	Treated Water	Antimony	<0.6	µg/L	No
24-Apr-23	WELL 12 TREATED	Treated Water	Antimony	<0.6	µg/L	No



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Sample Date	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedances
24-Jul-23	WELL 12 TREATED	Treated Water	Antimony	<0.6	µg/L	No
23-Oct-23	WELL 12 TREATED	Treated Water	Antimony	<0.6	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Arsenic	0.2	µg/L	No
24-Apr-23	WELL 12 TREATED	Treated Water	Arsenic	0.2	µg/L	No
24-Jul-23	WELL 12 TREATED	Treated Water	Arsenic	<0.2	µg/L	No
23-Oct-23	WELL 12 TREATED	Treated Water	Arsenic	<0.2	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Barium	103	µg/L	No
24-Apr-23	WELL 12 TREATED	Treated Water	Barium	85.2	µg/L	No
24-Jul-23	WELL 12 TREATED	Treated Water	Barium	83.1	µg/L	No
23-Oct-23	WELL 12 TREATED	Treated Water	Barium	85.5	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Boron	9	µg/L	No
24-Apr-23	WELL 12 TREATED	Treated Water	Boron	9	µg/L	No
24-Jul-23	WELL 12 TREATED	Treated Water	Boron	8	µg/L	No
23-Oct-23	WELL 12 TREATED	Treated Water	Boron	8	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Cadmium	0.029	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Chromium	0.22	µg/L	No
24-Apr-23	WELL 12 TREATED	Treated Water	Chromium	0.2	µg/L	No
24-Jul-23	WELL 12 TREATED	Treated Water	Chromium	0.49	µg/L	No
23-Oct-23	WELL 12 TREATED	Treated Water	Chromium	0.22	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Fluoride	0.14	mg/L	No
24-Apr-23	WELL 12 TREATED	Treated Water	Fluoride	0.14	mg/L	No
24-Jul-23	WELL 12 TREATED	Treated Water	Fluoride	0.15	mg/L	No
23-Oct-23	WELL 12 TREATED	Treated Water	Fluoride	0.14	mg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Lead	0.03	µg/L	No
24-Apr-23	WELL 12 TREATED	Treated Water	Lead	<0.01	µg/L	No
24-Jul-23	WELL 12 TREATED	Treated Water	Lead	<0.01	µg/L	No
23-Oct-23	WELL 12 TREATED	Treated Water	Lead	<0.01	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Mercury	<0.01	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Nitrate (as N)	0.825	mg/L	No
24-Apr-23	WELL 12 TREATED	Treated Water	Nitrate (as N)	0.769	mg/L	No
24-Jul-23	WELL 12 TREATED	Treated Water	Nitrate (as N)	0.668	mg/L	No
23-Oct-23	WELL 12 TREATED	Treated Water	Nitrate (as N)	0.716	mg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
24-Apr-23	WELL 12 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
24-Jul-23	WELL 12 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
23-Oct-23	WELL 12 TREATED	Treated Water	Nitrite (as N)	<0.003	mg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Selenium	0.96	µg/L	No
24-Apr-23	WELL 12 TREATED	Treated Water	Selenium	0.21	µg/L	No
24-Jul-23	WELL 12 TREATED	Treated Water	Selenium	0.12	µg/L	No
23-Oct-23	WELL 12 TREATED	Treated Water	Selenium	0.21	µg/L	No



Sample Date	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedances
23-Jan-23	WELL 12 TREATED	Treated Water	Sodium	14.1	mg/L	No
24-Apr-23	WELL 12 TREATED	Treated Water	Sodium	13.4	mg/L	No
24-Jul-23	WELL 12 TREATED	Treated Water	Sodium	11.8	mg/L	No
23-Oct-23	WELL 12 TREATED	Treated Water	Sodium	13	mg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Uranium	0.613	µg/L	No
24-Apr-23	WELL 12 TREATED	Treated Water	Uranium	0.529	µg/L	No
24-Jul-23	WELL 12 TREATED	Treated Water	Uranium	0.514	µg/L	No
23-Oct-23	WELL 12 TREATED	Treated Water	Uranium	0.551	µg/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

Date Sampled	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedance
23-Jan-23	WELL 12 TREATED	Treated Water	1,1-Dichloroethylene (vinylidene chloride)	<0.33	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	1,2-Dichlorobenzene	<0.41	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	1,2-Dichloroethane	<0.35	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	1,4-Dichlorobenzene	<0.36	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	2,3,4,6-tetrachlorophenol	<0.20	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	2,4,6-trichlorophenol	<0.25	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	2,4-dichlorophenol	<0.15	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	2,4-dichlorophenoxyacetic acid (2,4-D)	<0.19	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Alachlor	<0.02	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Atrazine	<0.01	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Atrazine + N-dealkylated metabolites	<0.01	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Azinphos-methyl	<0.05	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Benzene	<0.32	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Benzo(a)pyrene	<0.004	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Bromoxynil	<0.33	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Carbaryl	<0.05	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Carbofuran	<0.01	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Carbon tetrachloride	<0.17	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Chlorpyrifos	<0.02	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Diazinon	<0.02	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Dicamba	<0.20	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Dichloromethane	<0.35	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Diclofop-methyl	<0.40	µg/L	No



Date Sampled	Sample Location	Sample Type	Parameter Tested	Test Result	Unit	Exceedance
23-Jan-23	WELL 12 TREATED	Treated Water	Dimethoate	<0.06	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Diquat	<1	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Diuron	<0.03	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Glyphosate	<1	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Malathion	<0.02	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	MCPA	<0.00012	mg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Metolachlor	<0.01	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Metribuzin	<0.02	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Monochlorobenzene	<0.3	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Paraquat	<1	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Pentachlorophenol	<0.15	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Phorate	<0.01	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Picloram	<1	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Polychlorinated Biphenyls (PCBs) - Total	<0.04	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Prometryne	<0.03	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Simazine	0.01	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Terbufos	<0.01	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Tetrachloroethylene (perchloroethylene)	<0.35	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Triallate	<0.01	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Trichloroethylene	<0.44	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Trifluralin	<0.02	µg/L	No
23-Jan-23	WELL 12 TREATED	Treated Water	Vinyl Chloride	<0.17	µg/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
11-Apr-22	Murray Ct. (SS)	Distribution	Total Trihalomethanes	53	ug/L	
11-Apr-22	South Sector Reservoir (Out)	Distribution	Total Trihalomethanes	52.8	ug/L	
11-Apr-22	Buena Vista Dr. (SS)	Distribution	Total Trihalomethanes	51.3	ug/L	
			Average for Quarter	52.4	ug/L	
18-Jul-22	Murray Ct. (SS)	Distribution	Total Trihalomethanes	17	ug/L	
18-Jul-22	South Sector Reservoir (Out)	Distribution	Total Trihalomethanes	34	ug/L	



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Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
18-Jul-22	Buena Vista Dr. (SS)	Distribution	Total Trihalomethanes	24	ug/L	
			Average for Quarter	25	ug/L	
17-Oct-22	Murray Ct. (SS)	Distribution	Total Trihalomethanes	28	ug/L	
17-Oct-22	South Sector Reservoir (Out)	Distribution	Total Trihalomethanes	27	ug/L	
17-Oct-22	Buena Vista Dr. (SS)	Distribution	Total Trihalomethanes	30	ug/L	
			Average for Quarter	28.3	ug/L	
23-Jan-23	Murray Ct. (SS)	Distribution	Total Trihalomethanes	20	ug/L	
23-Jan-23	South Sector Reservoir (Out)	Distribution	Total Trihalomethanes	68	ug/L	
23-Jan-23	Buena Vista Dr. (SS)	Distribution	Total Trihalomethanes	59	ug/L	
			Average for Quarter	49	ug/L	
			Running Annual Average of Quarterly Results	38.7	ug/L	No
24-Apr-23	Murray Ct. (SS)	Distribution	Total Trihalomethanes	17	ug/L	
24-Apr-23	South Sector Reservoir (Out)	Distribution	Total Trihalomethanes	63	ug/L	
24-Apr-23	Buena Vista Dr. (SS)	Distribution	Total Trihalomethanes	26	ug/L	
			Average for Quarter	35.3	ug/L	
			Running Annual Average of Quarterly Results	34.4	ug/L	No
24-Jul-23	Murray Ct. (SS)	Distribution	Total Trihalomethanes	48	ug/L	
24-Jul-23	South Sector Reservoir (Out)	Distribution	Total Trihalomethanes	40	ug/L	
24-Jul-23	Buena Vista Dr. (SS)	Distribution	Total Trihalomethanes	38	ug/L	
			Average for Quarter	42	ug/L	
			Running Annual Average of Quarterly Results	38.7	ug/L	No
23-Oct-23	Murray Ct. (SS)	Distribution	Total Trihalomethanes	42	ug/L	
23-Oct-23	South Sector Reservoir (Out)	Distribution	Total Trihalomethanes	41	ug/L	
23-Oct-23	Buena Vista Dr. (SS)	Distribution	Total Trihalomethanes	41	ug/L	
			Average for Quarter	41.3	ug/L	
			Running Annual Average of Quarterly Results	41.9	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
11-Apr-22	202 First St. (SS)	Distribution	Total Haloacetic Acids	5.5	ug/L	
11-Apr-22	South Sector Reservoir	Distribution	Total Haloacetic Acids	11.9	ug/L	
11-Apr-22	Buena Vista Dr. (SS)	Distribution	Total Haloacetic Acids	12.1	ug/L	
			Average for Quarter	9.8	ug/L	
18-Jul-22	202 First St. (SS)	Distribution	Total Haloacetic Acids	5.5	ug/L	
18-Jul-22	South Sector Reservoir	Distribution	Total Haloacetic Acids	< 5.3	ug/L	
18-Jul-22	Buena Vista Dr. (SS)	Distribution	Total Haloacetic Acids	< 5.3	ug/L	
			Average for Quarter	< 5.4	ug/L	
17-Oct-22	202 First St. (SS)	Distribution	Total Haloacetic Acids	< 5.3	ug/L	
17-Oct-22	South Sector Reservoir	Distribution	Total Haloacetic Acids	6.3	ug/L	
17-Oct-22	Buena Vista Dr. (SS)	Distribution	Total Haloacetic Acids	< 5.3	ug/L	
			Average for Quarter	< 5.6	ug/L	
23-Jan-23	202 First St. (SS)	Distribution	Total Haloacetic Acids	<5.3	ug/L	
23-Jan-23	South Sector Reservoir	Distribution	Total Haloacetic Acids	8.8	ug/L	
23-Jan-23	Buena Vista Dr. (SS)	Distribution	Total Haloacetic Acids	9	ug/L	
23-Jan-23	Murray Court (SS)	Distribution	Total Haloacetic Acids	<5.3		
			Average for Quarter	< 7.1	ug/L	
			Running Annual Average of Quarterly Results	< 7.0	ug/L	No
24-Apr-23	202 First St. (SS)	Distribution	Total Haloacetic Acids	< 5.3	ug/L	
24-Apr-23	South Sector Reservoir	Distribution	Total Haloacetic Acids	7	ug/L	
24-Apr-23	Buena Vista Dr. (SS)	Distribution	Total Haloacetic Acids	< 5.3	ug/L	
			Average for Quarter	< 5.9	ug/L	
			Running Annual Average of Quarterly Results	< 6.0	ug/L	No
24-Jul-23	202 First St. (SS)	Distribution	Total Haloacetic Acids	8.9	ug/L	
24-Jul-23	South Sector Reservoir	Distribution	Total Haloacetic Acids	9.5	ug/L	
24-Jul-23	Buena Vista Dr. (SS)	Distribution	Total Haloacetic Acids	10.1	ug/L	
			Average for Quarter	9.5	ug/L	



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Sample Date	Sample Location	Sample Type	Parameter Tested	Test Results	Unit	Exceedance
			Running Annual Average of Quarterly Results	< 7.0	ug/L	No
23-Oct-23	202 First St. (SS)	Distribution	Total Haloacetic Acids	< 5.3	ug/L	
23-Oct-23	South Sector Reservoir	Distribution	Total Haloacetic Acids	8.1	ug/L	
23-Oct-23	Buena Vista Dr. (SS)	Distribution	Total Haloacetic Acids	8.2	ug/L	
			Average for Quarter	< 7.2	ug/L	
			Running Annual Average of Quarterly Results	< 7.4	ug/L	No