



2022 Annual Drinking Water System Report

Simcoe Drinking Water System

1. Introduction

The Corporation of Norfolk County has prepared this report to satisfy the requirements of Section 11 of Ontario Regulation (O. Reg.) 170/03. This annual report must be prepared no later than February 28 of each year.

This report covers the period from January 1, 2022 to December 31, 2022, and the information provided complies with the reporting requirements of O. Reg. 170/03 Section 11.

A summary of Simcoe's Municipal Drinking Water System is outlined below:

Drinking Water System Number: 220000371

Drinking Water System Name: Simcoe Drinking Water System

Drinking Water System Owner: Corporation of Norfolk County

Drinking Water System Category: Large Municipal Residential

2. Reporting Requirements under Section 11 – O. Reg. 170/03

Section 11 requires that the report include the following information relating to the period covered by the report. This includes:

- A statement of where a report prepared under Schedule 22 will be available for inspection by any member of the public during normal business hours without charge.
- A brief description of the drinking water system, including a list of water treatment chemicals used.
- Any major expenses incurred to install, repair or replace required equipment.



- A summary of any reports made to the Ministry of Environment, Conservation and Parks (MECP) for Adverse Water Quality Incidents (AWQI's).
- A summary of the results of tests performed under O. Reg. 170/03, an approval, the municipal drinking water licence or an order, including an Ontario Water Resources Act (OWRA) order.
- To describe any corrective actions taken

3. Evidence of Compliance

Availability of the Annual Report

In accordance with Section 11 O. Reg. 170/03, a copy of the annual report will be posted for each system by the end of February each year on the Norfolk County web site at norfolkcounty.ca. A Summary Report on regulatory compliance is required annually under Schedule 22 of Regulation 170/03 for each municipal drinking water system. This report summarizes any known failures to meet the requirements of the Safe Drinking Water Act, its duration and corrective measures. The reports are presented to Norfolk County Council for acceptance before March 31st each year. The reports are made available to the public in April on the Norfolk County web site noted above or by request from the Environmental Services Department. A copy of the annual report is available to the public, free of charge at the following locations as well:

185 Robinson St., Simcoe, ON

Description of the Municipal Drinking Water System

The Simcoe water system supplies drinking water to the Community of Simcoe. The drinking water system currently serves a population of approximately 16,100.

The Cedar Street Well Field is located at 396 Cedar Street and consists of five wells, an infiltration gallery, a reservoir and a booster pumping station.

The Northwest drinking water system located on Fourteenth Street is a well-based supply consisting of two groundwater well sources, an iron and manganese removal plant and a reservoir.

The Chapel Street Well located at 260 Chapel Street also provides water to the Community of Simcoe.



The water distribution system includes a 3,400 m³ elevated storage tank, which acts as a reservoir when the system requires larger amounts of water than the wells can supply (such as firefighting and peak flows) and also helps to maintain a constant system pressure. There are approximately 550 fire hydrants and approximately 112,000 meters of water main and transmission main ranging in size from 150 mm to 400mm in diameter. The piping material consists of cast iron, Polyvinyl Chloride (PVC) and ductile iron pipe.

Water Treatment Chemicals

The following water treatment chemicals were used during the reporting period:

- Sodium Hypochlorite
- Sodium Silicate
- Hydrofluorosilicic Acid
- Poly Aluminum Chloride
- Sodium Permanganate

Significant Expenses Incurred

A brief summary of the major expenses incurred during the reporting period to install, repair or replace required equipment, and value of each, is included in Table 1.

Table 1 – Summary of Expenses Incurred

Activity	Cost Incurred (2022)
General Operations Maintenance and Repair in Water Treatment Plants and Distribution System	\$229,130.00
Well Rehabilitations	\$144,545.00

4. Microbiological Testing

E. coli and Total Coliform

As per Schedule 10 of O. Reg. 170/03 – Microbiological Sampling and Testing, bacteriological tests for *E. coli* and total coliforms were performed weekly on the raw and treated water at the facilities and in the distribution system. The results from the



2022 sampling program for the Simcoe Drinking Water System are shown in the table below.

Location	Number of Samples	Range of E.coli Or Fecal Results (min #)-(max #)	Range of Total Coliform Results (min #)-(max #)
Raw Cedar St 1	0		
Raw Cedar St 2	52	0 – 0	0 – 0
Raw Cedar St 3	52	0 – 0	0 – 1
Raw Cedar St 4	52	0 – 0	0 – 0
Raw Cedar St 5	50	0 – 0	0 - 1
Infiltration Gallery	521	0 – 12	0 - 18
Raw Chapel St	52	0 – 0	0 – 0
Raw NW 2	50	0 – 0	0 – 0
Raw NW 3	50	0 – 0	0 – 0
Cedar Street Reservoir POE	52	0 – 0	0 – 0
Chapel Street Well POE	52	0 – 0	0 – 0
North West Reservoir POE	52	0 - 0	0 – 0
Distribution	368	0 - 0	0 – 0

Heterotrophic Plate Count (HPC)

As per Schedule 10 of O. Reg. 170/03 - Microbiological Sampling and Testing, HPC analyses are required from the treated and distribution water. HPC tests are required weekly for treated water and for twenty five percent of the required distribution system bacteriological samples. Results over 500 colonies per 1 mL may indicate a change in water quality but is not considered an indicator of unsafe drinking water. The results from the 2022 sampling program for the Simcoe Drinking Water System are shown in the table below.

Location	Number of Samples	Range of HPC Results (min #)-(max #)	Unit of Measure
Cedar Street Reservoir POE	52	0 – 160	cfu/mL



Location	Number of Samples	Range of HPC Results (min #)-(max #)	Unit of Measure
Chapel Street Well POE	52	0 - 100	cfu/mL
North West Reservoir POE	52	0 - 140	cfu/mL
Distribution	156	0 - 330	cfu/mL

5. Chemical Testing

The Safe Drinking Water Act requires periodic testing of the water for sixty different chemical parameters. The latest results for these parameters are provided in Appendix A. The sampling frequency varies for the different types of water systems. If the concentration of the parameter is found to be above half of the Maximum Allowable Concentration (MAC) under the Ontario Drinking Water Quality Standards, an increased testing frequency of once every three months is required by Regulation. Additional testing is required for the Simcoe Drinking Water System as required by the Municipal Drinking Water Licence for Sodium and Volatile Organic Compounds (VOC). The nitrates levels are about 50% of the MAC of 10 mg/L and are also monitored on a quarterly basis. The Chapel Street Well also has nitrate levels that are about 50% of the MAC of 10 mg/L and are monitored on a quarterly basis.

6. Operational Monitoring

Operational checks including raw and treated water turbidity and treated and distribution free chlorine was conducted in accordance with Schedule 7 of Reg. O. 170/03.

Turbidity

The turbidity of the treated water is monitored continuously at each treatment plant; the turbidity of the raw water is checked on a weekly basis. Turbidity is measured in Nephelometric Turbidity Units (NTU). Under O. Reg. 170/03 turbidity in groundwater is not reportable, however it is desirable to have it <1NTU at the treatment plant and <5NTU in the distribution system. The results from the 2022 turbidity monitoring program for the Simcoe Drinking Water System are shown in the table below.



Location	Number of Grab Samples	Range of Results	Unit of Measure
Turbidity Cedar St Well#1 Raw	0	N/A	NTU
Turbidity Cedar St Well#2 Raw	174	0.06 – 0.26	NTU
Turbidity Cedar St Well#3 Raw	174	0.05 – 0.15	NTU
Turbidity Cedar St Well#4 Raw	174	0.07 – 0.47	NTU
Turbidity Cedar St Well#5 Raw	164	0.05 – 0.33	NTU
Turbidity NW Well #2 Raw	49	0.22 – 2.16	NTU
Turbidity NW Well #3 Raw	52	0.17 – 2.20	NTU
Turbidity Chapel St Raw	52	0.05 – 0.10	NTU
Turbidity NW Filter 1	8760	0.025 – 4.10	NTU
Turbidity NW Filter 2	8760	0.013 – 3.86	NTU
Turbidity NW Filter 3	8760	0.010 – 0.33	NTU

Chlorine Residual

In accordance with Schedule 7 of O. Reg. 170/03, free chlorine residuals in the treated water are monitored continuously at the point of entry to the distribution system at all water treatment plants and wells. The free chlorine in the water distribution system must be above 0.05 mg/L, if it is below this, it must be reported and corrective actions taken. The results from the 2022 chlorine residual monitoring program for Simcoe Drinking Water System are shown in the table below.

Location	Number of Grab Samples	Range of Results	Unit of Measure
Chlorine Cedar St	8760	0.01 – 3.76	mg/L
Chlorine Chapel St	8760	0.01 – 2.19	mg/L
Chlorine NW Res.	8760	0.07 – 1.99	mg/L



Location	Number of Grab Samples	Range of Results	Unit of Measure
Chlorine Residual Distribution System	733	0.20 – 1.57	mg/L

Fluoride

Hydrofluosilicic acid is added for fluoridation at the Chapel St. Well and the water treatment plants. The fluoride residuals are taken daily at the well and the water treatment plants. The results from the 2022 fluoride residual monitoring program for Simcoe Drinking Water System are shown in the table below.

Location	Number of Grab Samples	Range of Results	Unit of Measure
Fluoride Cedar St	365	0.46 – 0.88	mg/L
Fluoride Chapel St	365	0.07 – 0.87	mg/L
Fluoride NW Res.	365	0.35 – 0.83	mg/L

7. Adverse Results

In accordance with Schedule 16 – Reporting of Adverse Test Results and Other Problems of O. Reg. 170/03, there was one Adverse Water Quality Incident (AWQI) issued for the Simcoe Drinking Water System. The following table describes the date the adverse occurred, the parameter, the result, the corrective action taken and the corrective action date.

Incident Date	Parameter	Result	Corrective Action	Corrective Action Date
23/02/2022	Sodium exceedance observed in quarterly sampling.	Sodium >20mg/L	Operators were directed by the MOH to resample for Sodium at the Cedar St. Reservoir and in the distribution system. The results were again adverse, notification to the MOH and MECP was	09/03/2022



Incident Date	Parameter	Result	Corrective Action	Corrective Action Date
			provided. No further action was required.	

APPENDIX A: SUMMARY OF CHEMICAL RESULTS

UNDERSTANDING CHEMICAL TEST RESULTS

The following tables summarize the laboratory results of the chemical testing Norfolk County is required to complete. Different parameters are required to be tested for at different frequencies as noted below. Results are shown as concentrations with units of either milligrams per litre (mg/L) or micrograms per litre (ug/L). 1 mg/L is equal to 1000 ug/L. The Maximum Acceptable Concentration (MAC) is the highest amount of a parameter that is acceptable in Municipal drinking water and can be found in the MECP Drinking Water Standards. The Method Detection Limit (MDL) is the lowest amount to which the laboratory can confidently measure. Additional testing is required for the Simcoe Drinking Water System as required by the Municipal Drinking Water Licence for Sodium and Volatile Organic Compounds (VOC). The following tables summarize the Inorganic parameters tested for during the reporting period or the most recent sample results for Simcoe Drinking Water.

Simcoe Cedar Street Reservoir

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	16/05/2022	0.6 <MDL	ug/L	No
Arsenic	16/05/2022	0.2 <MDL	ug/L	No
Barium	16/05/2022	82.9	ug/L	No
Boron	16/05/2022	24	ug/L	No
Cadmium	16/05/2022	0.01	ug/L	No
Chromium	16/05/2022	0.26	ug/L	No
Lead	Exempt			
Mercury	16/05/2022	0.01 <MDL	ug/L	No
Selenium	16/05/2022	0.23	ug/L	No
Sodium	14/02/2022 16/05/2022	38.3 54.4	mg/L mg/L	Yes



Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
	15/08/2022	47.8	mg/L	
	07/11/2022	44.3	mg/L	
Volatile Organic Compounds	14/02/2022 16/05/2022 15/08/2022 07/11/2022	<MDL	ug/L	No
Uranium	16/05/2022	0.743	ug/L	No
Fluoride	Daily			
Nitrite	14/02/2022 16/05/2022 15/08/2022 07/11/2022	0.003<MDL 0.003<MDL 0.006 0.003<MDL	mg/L mg/L mg/L mg/L	No
Nitrate	14/02/2022 16/05/2022 15/08/2022 07/11/2022	5.39 5.61 5.76 5.26	mg/L mg/L mg/L mg/L	No

Simcoe Chapel Street Well

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	16/05/2022	0.6 <MDL	ug/L	No
Arsenic	16/05/2022	0.2 <MDL	ug/L	No
Barium	16/05/2022	75.8	ug/L	No
Boron	16/05/2022	18	ug/L	No
Cadmium	16/05/2022	0.003 <MDL	ug/L	No
Chromium	16/05/2022	0.52	ug/L	No
Lead	Exempt	Exempt		
Mercury	16/05/2022	0.01<MDL	ug/L	No
Selenium	16/05/2022	0.35	ug/L	No
Sodium	11/05/2020	20.3	mg/L	No
Uranium	16/05/2022	0.464	ug/L	No
Fluoride	Daily			
Nitrite	14/02/2022 16/05/2022 15/08/2022 07/11/2022	0.003<MDL 0.01 0.003 0.003<MDL	mg/L mg/L mg/L mg/L	No
Nitrate	14/02/2022 16/05/2022	5.29 5.30	mg/L mg/L	No



Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
	15/08/2022	5.00	mg/L	
	07/11/2022	5.03	mg/L	

Simcoe Northwest Reservoir

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	16/05/2022	0.6 <MDL	ug/L	No
Arsenic	16/05/2022	0.2 <MDL	ug/L	No
Barium	16/05/2022	77.4	ug/L	No
Boron	16/05/2022	13	ug/L	No
Cadmium	16/05/2022	0.003 <MDL	ug/L	No
Chromium	16/05/2022	0.26	ug/L	No
Lead	Exempt			
Mercury	16/05/2022	0.01 <MDL	ug/L	No
Selenium	16/05/2022	0.14	ug/L	No
Sodium	11/05/2020	9.58	mg/L	No
Uranium	16/05/2022	0.572	ug/L	No
Fluoride	Daily			
Nitrite	14/02/2022 16/05/2022 15/08/2022 07/11/2022	0.003 <MDL 0.004 0.003 <MDL 0.003 <MDL	mg/L mg/L mg/L mg/L	No
Nitrate	14/02/2022 16/05/2022 15/08/2022 07/11/2022	2.24 2.29 2.21 2.15	mg/L mg/L mg/L mg/L	No

The following tables summarize the Organic parameters tested for during the reporting period or the most recent sample results for the Simcoe Drinking Water System.

Simcoe Cedar Street Reservoir

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	16/05/2022	0.02 <MDL	ug/L	No
Atrazine + N-dealkylated metabolites	16/05/2022	0.01 <MDL	ug/L	No
Azinphos-methyl	16/05/2022	0.05 <MDL	ug/L	No



Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Benzene	16/05/2022	0.32 <MDL	ug/L	No
Benzo(a)pyrene	16/05/2022	0.004 <MDL	ug/L	No
Bromoxynil	16/05/2022	0.33 <MDL	ug/L	No
Carbaryl	16/05/2022	0.05 <MDL	ug/L	No
Carbofuran	16/05/2022	0.01 <MDL	ug/L	No
Carbon Tetrachloride	16/05/2022	0.17 <MDL	ug/L	No
Chlorpyrifos	16/05/2022	0.02 <MDL	ug/L	No
Diazinon	16/05/2022	0.02 <MDL	ug/L	No
Dicamba	16/05/2022	0.20 <MDL	ug/L	No
1,2-Dichlorobenzene	16/05/2022	0.41 <MDL	ug/L	No
1,4-Dichlorobenzene	16/05/2022	0.36 <MDL	ug/L	No
1,2-Dichloroethane	16/05/2022	0.35 <MDL	ug/L	No
1,1-Dichloroethylene (vinylidene chloride)	16/05/2022	0.33 <MDL		
Dichloromethane	16/05/2022	0.35 <MDL	ug/L	No
2-4 Dichlorophenol	16/05/2022	0.15 <MDL	ug/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	16/05/2022	0.19 <MDL	ug/L	No
Diclofop-methyl	16/05/2022	0.40 <MDL	ug/L	No
Dimethoate	16/05/2022	0.06 <MDL	ug/L	No
Diquat	16/05/2022	1 <MDL	ug/L	No
Diuron	16/05/2022	0.03 <MDL	ug/L	No
Glyphosate	16/05/2022	1 <MDL	ug/L	No
Malathion	16/05/2022	0.02 <MDL	ug/L	No
MCPA	16/05/2022	0.00012 <MDL	mg/L	No
Metolachlor	16/05/2022	0.01 <MDL	ug/L	No
Metribuzin	16/05/2022	0.02 <MDL	ug/L	No
Monochlorobenzene	16/05/2022	0.3 <MDL	ug/L	No
Paraquat	16/05/2022	1 <MDL	ug/L	No
Pentachlorophenol	16/05/2022	0.15 <MDL	ug/L	No
Phorate	16/05/2022	0.01 <MDL	ug/L	No
Picloram	16/05/2022	1 <MDL	ug/L	No



Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Polychlorinated Biphenyls(PCB)	16/05/2022	0.04 <MDL	ug/L	No
Prometryne	16/05/2022	0.03 <MDL	ug/L	No
Simazine	16/05/2022	0.01 <MDL	ug/L	No
Terbufos	16/05/2022	0.01 <MDL	ug/L	No
Tetrachloroethylene	16/05/2022	0.35 <MDL	ug/L	No
2,3,4,6-Tetrachlorophenol	16/05/2022	0.20 <MDL	ug/L	No
Triallate	16/05/2022	0.01 <MDL	ug/L	No
Trichloroethylene	16/05/2022	0.44 <MDL	ug/L	No
2,4,6-Trichlorophenol	16/05/2022	0.25 <MDL	ug/L	No
Trifluralin	16/05/2022	0.02 <MDL	ug/L	No
Vinyl Chloride	16/05/2022	0.17 <MDL	ug/L	No

Chapel Street Well

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	16/05/2022	0.02 <MDL	ug/L	No
Atrazine + N-dealkylated metabolites	16/05/2022	0.01 <MDL	ug/L	No
Azinphos-methyl	16/05/2022	0.05 <MDL	ug/L	No
Benzene	16/05/2022	0.32 <MDL	ug/L	No
Benzo(a)pyrene	16/05/2022	0.004 <MDL	ug/L	No
Bromoxynil	16/05/2022	0.33 <MDL	ug/L	No
Carbaryl	16/05/2022	0.05 <MDL	ug/L	No
Carbofuran	16/05/2022	0.01 <MDL	ug/L	No
Carbon Tetrachloride	16/05/2022	0.17 <MDL	ug/L	No
Chlorpyrifos	16/05/2022	0.02 <MDL	ug/L	No
Diazinon	16/05/2022	0.02 <MDL	ug/L	No
Dicamba	16/05/2022	0.20 <MDL	ug/L	No
1,2-Dichlorobenzene	16/05/2022	0.41 <MDL	ug/L	No
1,4-Dichlorobenzene	16/05/2022	0.36 <MDL	ug/L	No
1,2-Dichloroethane	16/05/2022	0.35 <MDL	ug/L	No



Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
1,1-Dichloroethylene (vinylidene chloride)	16/05/2022	0.33 <MDL	ug/L	No
Dichloromethane	16/05/2022	0.35 <MDL	ug/L	No
2-4 Dichlorophenol	16/05/2022	0.15 <MDL	ug/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	16/05/2022	0.19 <MDL	ug/L	No
Diclofop-methyl	16/05/2022	0.40 <MDL	ug/L	No
Dimethoate	16/05/2022	0.06 <MDL	ug/L	No
Diquat	16/05/2022	1 <MDL	ug/L	No
Diuron	16/05/2022	0.03 <MDL	ug/L	No
Glyphosate	16/05/2022	1 <MDL	ug/L	No
Malathion	16/05/2022	0.02 <MDL	ug/L	No
MCPA	16/05/2022	0.00012 <MDL	mg/L	No
Metolachlor	16/05/2022	0.01 <MDL	ug/L	No
Metribuzin	16/05/2022	0.02 <MDL	ug/L	No
Monochlorobenzene	16/05/2022	0.3 <MDL	ug/L	No
Paraquat	16/05/2022	1 <MDL	ug/L	No
Pentachlorophenol	16/05/2022	0.15 <MDL	ug/L	No
Phorate	16/05/2022	0.01 <MDL	ug/L	No
Picloram	16/05/2022	1 <MDL	ug/L	No
Polychlorinated Biphenyls(PCB)	16/05/2022	0.04 <MDL	ug/L	No
Prometryne	16/05/2022	0.03 <MDL	ug/L	No
Simazine	16/05/2022	0.01 <MDL	ug/L	No
Terbufos	16/05/2022	0.01 <MDL	ug/L	No
Tetrachloroethylene	16/05/2022	0.35 <MDL	ug/L	No
2,3,4,6-Tetrachlorophenol	16/05/2022	0.20 <MDL	ug/L	No
Triallate	16/05/2022	0.01 <MDL	ug/L	No
Trichloroethylene	16/05/2022	0.44 <MDL	ug/L	No
2,4,6-Trichlorophenol	16/05/2022	0.25 <MDL	ug/L	No
Trifluralin	16/05/2022	0.02 <MDL	ug/L	No
Vinyl Chloride	16/05/2022	0.17 <MDL	ug/L	No



Simcoe Northwest Reservoir

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	16/05/2022	0.02 <MDL	ug/L	No
Atrazine + N-dealkylated metabolites	16/05/2022	0.01	ug/L	No
Azinphos-methyl	16/05/2022	0.05 <MDL	ug/L	No
Benzene	16/05/2022	0.32 <MDL	ug/L	No
Benzo(a)pyrene	16/05/2022	0.004 <MDL	ug/L	No
Bromoxynil	16/05/2022	0.33 <MDL	ug/L	No
Carbaryl	16/05/2022	0.05 <MDL	ug/L	No
Carbofuran	16/05/2022	0.01 <MDL	ug/L	No
Carbon Tetrachloride	16/05/2022	0.17 <MDL	ug/L	No
Chlorpyrifos	16/05/2022	0.02 <MDL	ug/L	No
Diazinon	16/05/2022	0.02 <MDL	ug/L	No
Dicamba	16/05/2022	0.20 <MDL	ug/L	No
1,2-Dichlorobenzene	16/05/2022	0.41 <MDL	ug/L	No
1,4-Dichlorobenzene	16/05/2022	0.36 <MDL	ug/L	No
1,2-Dichloroethane	16/05/2022	0.35 <MDL	ug/L	No
1,1-Dichloroethylene (vinylidene chloride)	16/05/2022	0.33 <MDL	ug/L	No
Dichloromethane	16/05/2022	0.35 <MDL	ug/L	No
2-4 Dichlorophenol	16/05/2022	0.15 <MDL	ug/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	16/05/2022	0.19 <MDL	ug/L	No
Diclofop-methyl	16/05/2022	0.40 <MDL	ug/L	No
Dimethoate	16/05/2022	0.06 <MDL	ug/L	No
Diquat	16/05/2022	1 <MDL	ug/L	No
Diuron	16/05/2022	0.03 <MDL	ug/L	No
Glyphosate	16/05/2022	1 <MDL	ug/L	No
Malathion	16/05/2022	0.02 <MDL	ug/L	No
MCPA	16/05/2022	0.00012 <MDL	mg/L	No
Metolachlor	16/05/2022	0.01 <MDL	ug/L	No



Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Metribuzin	16/05/2022	0.02 <MDL	ug/L	No
Monochlorobenzene	16/05/2022	0.3 <MDL	ug/L	No
Paraquat	16/05/2022	1 <MDL	ug/L	No
Pentachlorophenol	16/05/2022	0.15 <MDL	ug/L	No
Phorate	16/05/2022	0.01 <MDL	ug/L	No
Picloram	16/05/2022	1 <MDL	ug/L	No
Polychlorinated Biphenyls(PCB)	16/05/2022	0.04 <MDL	ug/L	No
Prometryne	16/05/2022	0.03 <MDL	ug/L	No
Simazine	16/05/2022	0.01 <MDL	ug/L	No
Terbufos	16/05/2022	0.01 <MDL	ug/L	No
Tetrachloroethylene	16/05/2022	0.35 <MDL	ug/L	No
2,3,4,6-Tetrachlorophenol	16/05/2022	0.20 <MDL	ug/L	No
Triallate	16/05/2022	0.01 <MDL	ug/L	No
Trichloroethylene	16/05/2022	0.44 <MDL	ug/L	No
2,4,6-Trichlorophenol	16/05/2022	0.25 <MDL	ug/L	No
Trifluralin	16/05/2022	0.02 <MDL	ug/L	No
Vinyl Chloride	16/05/2022	0.17 <MDL	ug/L	No
Total Haloacetic Acid	14/02/2022	17	ug/L	No
Average below detection 14.93 ug/L	16/05/2022	8.2	ug/L	
	15/08/2022	11.5	ug/L	
	07/11/2022	23	ug/L	
THM Annual Average 35 ug/L	14/02/2022	39	ug/L	No
	16/05/2022	28	ug/L	
	15/08/2022	31	ug/L	
	07/11/2022	42	ug/L	

The following table summarizes the lead testing as set out in Schedule 15.1 of O. Reg. 170/03 during the reporting period.

Location Type	Sample Date	Number of Samples	Range of Lead Results (min#) – (max #) ug/L	Number of Exceedances
Plumbing		Exempt		
Distribution		None. Next required		



Location Type	Sample Date	Number of Samples	Range of Lead Results (min#) – (max #) ug/L	Number of Exceedances
		sampling is Spring 2024.		