

## 2023 Annual Drinking Water System Report

#### **Delhi 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, 2023 to December 31, 2023, and the information provided complies with the reporting requirements of O. Reg. 170/03 Section 11.

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

Drinking Water System Number: 220007178

Drinking Water System Name: Delhi 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 Delhi drinking water system supplies water to the communities of Delhi and Courtland. The system is supplied by four water sources: Delhi Well #1, Well #2 and Well #3a and #3b. The Delhi waterworks system, including Courtland, currently serves a population of approximately 6,400.

The Delhi wells are groundwater wells, which draw from an aquifer at a depth of approximately 40 meters.

The water distribution system includes a 3,950-m3 standpipe, which acts as a reservoir when the system requires larger amounts of water than the sources can supply (such as firefighting) and also helps to maintain a constant system pressure. There are approximately 294 fire hydrants and approximately 72,482 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

#### 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 (2023)
General Operations Maintenance and Repair in Water Treatment Plants and Distribution System	\$180760.00
Replacement of Watermains	\$954,820.43

## 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 2023 sampling program for the Delhi 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 Well 1	52	0 - 0	0 - 0



Location	Number of Samples	Range of E.coli Or Fecal Results (min #)-(max #)	Range of Total Coliform Results (min #)-(max #)
Raw Well 2	52	0 - 0	0 - 0
Raw Well 3a	52	0 - 0	0 - 0
Raw Well 3b	52	0 - 0	0 - 0
Treated Well 1	52	0 - 0	0 - 0
Treated Well 2, 3a,	52	0 - 0	0 - 0
3b			
Distribution	237	0 - 0	0 - 2

### **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 2023 sampling program for the Delhi Drinking Water System are shown in the table below.

Location	Number of Samples	Number of HPC Samples	Range of HPC Results (min #)-(max #)
Treated Well 1	52	52	0 – 20
Treated Well 2, 3a,	52	52	0 – 20
3b			
Distribution	237	66	0 - 160

## 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. No additional testing is required for the Delhi Drinking Water System.

## 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 well; 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 <1NTU at the well and <5NTU in the distribution system. The results from the 2023 sampling program for the Delhi Drinking Water System are shown in the table below.

Location	Location Number of Grab Samples		Unit of Measure
Turbidity Well 1 Raw	52	0.06-0.21	NTU
Turbidity Well 2 Raw	52	0.07-0.75	NTU
Turbidity Well 3a Raw	52	0.03-0.48	NTU
Turbidity Well 3b Raw	52	0.03-0.70	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 2023 chlorine residual monitoring program for the Delhi Drinking Water System are shown in the table below.

Location	Number of Grab Samples	Range of Results	Unit of Measure
Chlorine Well 1	8760	0.32 – 4.19	mg/L
Chlorine Well 2	8760	0.08 - 5.00	mg/L



Location	Number of Grab Samples	Range of Results	Unit of Measure
Chlorine Residual Distribution System	602	0.34 – 1.58	mg/L

#### **Fluoride**

Hydrofluosilicic acid is added for fluoridation at both wells and the fluoride residuals are taken daily. The results from the 2023 fluoride residual monitoring program for the Delhi Drinking Water System are shown in the table below.

Location	Number of Grab Samples	Range of Results	Unit of Measure
Fluoride Well 1	365	0.27 - 0.85	mg/L
Fluoride Well 2, 3A,3B	365	0.11 – 0.85	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 three Adverse Water Quality Incident (AWQI) issued for the Delhi 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	Date Resolved
08/02/2023	Total Coliform	2 Total Coliform	System was flushed, and chlorine residual were checked in the distribution system. Samples were taken, all results did not come back satisfactory, staff followed direction by the MOH including actions taken as outlined in the incident dated 08/03/2023.	08/08/2023
08/03/2023	Microbiological	Overgrown bacteria	Cleaned and super chlorinated sample station and let stand for 30 minutes	



Incident Date	Parameter	Result	Corrective Action	Date Resolved
			followed by system flushing, chlorine residual were checked in the distribution system. Samples were taken and all results were within the Ministry of the Environment Guidelines. No further action was required.	
10/06/2023	Operational Observation	A post chlorine (cl2) analyzer had flat lined at 1.35 mg/l at the Courtland Reservoir, this was caused by a calibration being done on Oct. 5 <sup>th</sup> at 10:05 am, this was found Friday at 9:06am.	A reset of the analyzer was preformed. Grab samples taken at that time post cl2 analyzer was 1.28 mg/l and analyzer read 1.44 mg/l. Cl2 chemical pump checked, ok normal operation. No further action was required.	10/06/2023



# 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. There was no additional testing or sampling carried out in accordance with the requirement of an approval, order or other legal instrument.

The following tables summarize the Inorganic parameters tested for during the reporting period or the most resent sample results for the Delhi Drinking Water System.

#### Delhi Well One

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	08/05/2023	0.6 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Arsenic	08/05/2023	0.8	ug/L	No
Barium	08/05/2023	123	ug/L	No
Boron	08/05/2023	17	ug/L	No
Cadmium	08/05/2023	0.003	ug/L	No
Chromium	08/05/2023	0.1	ug/L	No
Lead	Exempt			
Mercury	08/05/2023	0.01 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Selenium	08/05/2023	0.12	ug/L	No
Sodium	08/05/2023	8.26	mg/L	No
Uranium	08/05/2023	1.01	ug/L	No
Fluoride	Daily			No
Nitrite	13/02/2023	0.004 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
	08/05/2023	0.003 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
	14/08/2023	0.003 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
	06/11/2023	0.003 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Nitrate	13/02/2023	1.66	ug/L	No



Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
	08/05/2023	1.64	ug/L	No
	14/08/2023	1.53	ug/L	No
	06/11/2023	1.56	ug/L	No

## Delhi Well Two, Three A&B

Parameter	Sample Date	Result Value	Unit of	Exceedance
- dramotor	Sample Sate	Troount variation	Measure	X555GGIII55
Antimony	08/05/2023	0.6 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Arsenic	08/05/2023	1.2	ug/L	No
Barium	08/05/2023	166	ug/L	No
Boron	08/05/2023	14	ug/L	No
Cadmium	08/05/2023	0.003 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Chromium	08/05/2023	0.08 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Lead	Exempt			
Mercury	08/05/2023	0.01 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Selenium	08/05/2023	0.07	ug/L	No
Sodium	08/05/2023	5.24	mg/L	No
Uranium	08/05/2023	1.230	ug/L	No
Fluoride	Daily			No
Nitrite	13/02/2023	0.003 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
	08/05/2023	0.003 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
	14/08/2023	0.003 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
	06/11/2023	0.003 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Nitrate	13/02/2023	1.50	ug/L	No
	08/05/2023	1.52	ug/L	No
	14/08/2023	1.58	ug/L	No
	06/11/2023	1.60	ug/L	No

The following tables summarize the Organic parameters tested for during the reporting period or the most resent sample results for the Delhi Drinking Water.



## Delhi Well One

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	08/05/2023	0.02 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Atrazine + N-	08/05/2023	0.02 \WDL	ug/L	No
dealkylated	00/03/2023	0.01 NIDE	ug/L	110
metobolites				
Azinphos-methyl	08/05/2023	0.05 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Benzene	08/05/2023	0.32 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Benzo(a)pyrene	08/05/2023	0.004 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Bromoxynil	08/05/2023	0.33 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Carbaryl	08/05/2023	0.05 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Carbofuran	08/05/2023	0.01 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Carbon	08/05/2023	0.17 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Tetrachloride			J	
Chlorpyrifos	08/05/2023	0.02 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Diazinon	08/05/2023	0.02 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Dicamba	08/05/2023	0.20 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
1,2-	08/05/2023	0.41 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Dichlorobenzene				
1,4-	08/05/2023	0.36 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Dichlorobenzene				
1,2-Dichloroethane	08/05/2023	0.35 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
1,1-	08/05/2023	0.33 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Dichloroethylene				
(vinylidene chloride)				
Dichloromethane	08/05/2023	0.35 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
2-4 Dichlorophenol	08/05/2023	0.15 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
2,4-	08/05/2023	0.19 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Dichlorophenoxy				
acetic acid (2,4-D)	00/05/0000	0.40 < MDI	/	No
Diclofop-methyl	08/05/2023	0.40 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Dimethoate	08/05/2023	0.06 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Diquat	08/05/2023	1 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Diuron	08/05/2023	0.03 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Glyphosate	08/05/2023	1 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Malathion	08/05/2023	0.02 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
MCPA	08/05/2023	0.00012 <mdl< th=""><th>mg/L</th><th>No</th></mdl<>	mg/L	No



Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Metolachlor	08/05/2023	0.01 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Metribuzin	08/05/2023	0.02 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Monochlorobenzene	08/05/2023	0.3 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Paraquat	08/05/2023	1 <mdl l<="" th="" ug=""><th>No</th></mdl>		No
Pentachlorophenol	08/05/2023	0.15 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Phorate	08/05/2023	0.01 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Picloram	08/05/2023	1 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Polychlorinated	08/05/2023	0.04 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Biphenyls(PCB)				
Prometryne	08/05/2023	0.03 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Simazine	08/05/2023	0.01 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Terbufos	08/05/2023	0.01 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Tetrachloroethylene	08/05/2023	0.35 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
2,3,4,6-	08/05/2023	0.20 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Tetrachlorophenol				
Triallate	08/05/2023	0.01 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Trichloroethylene	08/05/2023	0.44 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
2,4,6-	08/05/2023	0.25 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Trichlorophenol				
Trifluralin	08/05/2023	0.02 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Vinyl Chloride	08/05/2023	0.17 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No

## Delhi Well Two, Three A&B

Parameter	Sample Date Result Value		Unit of Measure	Exceedance
Alachlor	08/05/2023	0.02 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Atrazine + N- dealkylated metobolites	08/05/2023	0.01 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Azinphos-methyl	08/05/2023	0.05 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Benzene	08/05/2023	0.32 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Benzo(a)pyrene	08/05/2023	0.004 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Bromoxynil	08/05/2023	0.33 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Carbaryl	08/05/2023	0.05 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Carbofuran	08/05/2023	0.01 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Carbon Tetrachloride	08/05/2023	0.17 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No



Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Chlorpyrifos	08/05/2023	0.02 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Diazinon	08/05/2023	0.02 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Dicamba	08/05/2023	0.20 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
1,2-	08/05/2023	0.41 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Dichlorobenzene				
1,4-	08/05/2023	0.36 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Dichlorobenzene				
1,2-Dichloroethane	08/05/2023	0.35 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
1,1-	08/05/2023	0.33 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Dichloroethylene				
(vinylidene chloride)				
Dichloromethane	08/05/2023	0.35 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
2-4 Dichlorophenol	08/05/2023	0.15 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
2,4-	08/05/2023	0.19 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Dichlorophenoxy				
acetic acid (2,4-D)				
Diclofop-methyl	08/05/2023	0.40 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Dimethoate	08/05/2023	0.06 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Diquat	08/05/2023	1 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Diuron	08/05/2023	0.03 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Glyphosate	08/05/2023	1 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Malathion	08/05/2023	0.02 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
MCPA	08/05/2023	0.00012 <mdl< th=""><th>mg/L</th><th>No</th></mdl<>	mg/L	No
Metolachlor	08/05/2023	0.01 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Metribuzin	08/05/2023	0.02 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Monochlorobenzene	08/05/2023	0.3 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Paraquat	08/05/2023	1 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Pentachlorophenol	08/05/2023	0.15 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Phorate	08/05/2023	0.01 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Picloram	08/05/2023	1 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Polychlorinated	08/05/2023	0.04 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Biphenyls(PCB)				
Prometryne	08/05/2023	0.03 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Simazine	08/05/2023	0.01 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Terbufos	08/05/2023	0.01 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Tetrachloroethylene	08/05/2023	0.35 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No



Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
2,3,4,6-	08/05/2023		ug/L	No
Tetrachlorophenol				
Triallate	08/05/2023	0.01 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Trichloroethylene	08/05/2023	0.44 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
2,4,6-	08/05/2023	0.25 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Trichlorophenol				
Trifluralin	08/05/2023	0.02 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Vinyl Chloride	08/05/2023	0.17 <mdl< th=""><th>ug/L</th><th>No</th></mdl<>	ug/L	No
Total Haloacetic	13/02/2023	5.3	ug/L	No
Acid	08/05/2023	5.3	ug/L	
Average below	14/08/2023	5.3	ug/L	
detection 5.3 ug/L	08/11/2023	5.3	ug/L	
THM Annual	13/02/2023	8.7	ug/L	No
Average 11.7 ug/L	08/05/2023	8.9	ug/L	
	14/08/2023	15	ug/L	
	08/11/2023	14	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 sampling is Spring 2024.		