



2020 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, 2020 to December 31, 2020, 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: the Lehman Dam Treatment Plant, Well #1, Well #2 and Well #3a and b. The Delhi waterworks system, including Courtland, currently serves a population of approximately 6,200.

The Water Filtration Plant is supplied by a surface water source, the Lehman dam reservoir, which is fed by North Creek and South Creek. The other two sources of water 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 270 fire hydrants and approximately 66,600 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

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 (2020)
Install Transmission Main From Delhi Well Field into Delhi	\$1,937,710.00
Well 3a and 3b Construction and Interconnection	\$194,952.00
General Operations Maintenance and Repair in Water Treatment Plants and Distribution System	\$170,034.00

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



2020 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	53	0 - 0	0 - 0
Raw Well 2	53	0 - 0	0 - 1
Raw Well 3a	47	0 - 0	0 - 0
Raw Well 3b	48	0 - 0	0 - 1
Raw WTP	48	4 - 400	15 - 56000
Treated Well 1	53	0 - 0	0 - 0
Treated Well 2	53	0 - 0	0 - 0
Treated Well 3a	47	0 - 0	0 - 0
Treated Well 3b	48	0 - 0	0 - 0
Treated WTP	52	0 - 0	0 - 0
Distribution	221	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 2020 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	53	53	<10 - 330
Treated Well 2	53	53	<10 - 20
Treated Well 3a	47	47	<10 - 20
Treated Well 3b	48	48	<10 - 20
Treated WTP	52	53	<10 - 10
Distribution	219	56	<10 - 30



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 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's desirable to have it <1NTU at the treatment plant and <5NTU in the distribution system. The results from the 2020 sampling program for the Delhi Drinking Water System are shown in the table below.

Location	Number of Grab Samples	Range of Results	Unit of Measure
Turbidity Well 1 Raw	53	0.05 – 0.32	NTU
Turbidity Well 2 Raw	53	0.05 – 0.38	NTU
Turbidity Well 3a Raw	47	0.06 – 0.35	NTU
Turbidity Well 3b Raw	46	0.06 – 0.36	NTU
Turbidity WTP Filter 1	8760	0.05 - 0.87	NTU



Location	Number of Grab Samples	Range of Results	Unit of Measure
Turbidity WTP Filter 2	8760	0.05 – 0.67	NTU
Turbidity WTP Filter 3	8760	0.03 – 2.00	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 2020 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	0.61 – 2.35	mg/L
Chlorine Well 2	8760	0.54 – 5.00	mg/L
Chlorine WTP	8760	0.02 – 5.00	mg/L
Chlorine Residual Distribution System	780	0.16 – 2.10	mg/L

Fluoride

Hydrofluosilicic acid is added for fluoridation at both wells and the water treatment plant. The fluoride residuals are taken daily at each well and the water treatment plant. The results from the 2020 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	364	0.19 - 0.93	mg/L
Fluoride Well 2	366	0.19 – 1.05	mg/L
Fluoride WTP	101	0.06 – 0.79	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 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	Unit of Measure	Corrective Action	Corrective Action Date
09/16/2020	Observation of Adverse Condition	While taking the daily fluoride grab sample in the Delhi water distribution system it was noted that the residual was over 1.50 mg/L.	Not Applicable	Operations staff informed the ORO who in turn notified the MOH was notified as well as the Spills Action Centre. Operations staff were sent out to flush the distribution system in the area of the high residual until it was back into the acceptable range below 1.50 mg/L.	09/16/2020



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 recent sample results for the Delhi Drinking Water System.

Delhi Well One

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	11/05/2020	0.23	ug/L	No
Arsenic	11/05/2020	1	ug/L	No
Barium	11/05/2020	131	ug/L	No
Boron	11/05/2020	13	ug/L	No
Cadmium	11/05/2020	0.006	ug/L	No
Chromium	11/05/2020	0.15	ug/L	No
Lead	Exempt			
Mercury	11/05/2020	0.01<MDL	ug/L	No
Selenium	11/05/2020	0.07	ug/L	No
Sodium	11/05/2020	8.26	mg/L	No
Uranium	11/05/2020	1.16	ug/L	No
Fluoride	Daily			No
Nitrite	24/02/2020	0.003<MDL	ug/L	No
	11/05/2020	0.003<MDL	ug/L	No
	24/08/2020	0.003<MDL	ug/L	No
	18/11/2020	0.003<MDL	ug/L	No
Nitrate	24/02/2020	1.85	ug/L	No



Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
	11/05/2020	1.80	ug/L	No
	24/08/2020	2.01	ug/L	No
	18/11/2020	1.94	ug/L	No

Delhi Well Two, Three A&B

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	11/05/2020	0.09 <MDL	ug/L	No
Arsenic	11/05/2020	2.5	ug/L	No
Barium	11/05/2020	162	ug/L	No
Boron	11/05/2020	11	ug/L	No
Cadmium	11/05/2020	0.003 <MDL	ug/L	No
Chromium	11/05/2020	0.31	ug/L	No
Lead	Exempt			
Mercury	11/05/2020	0.01<MDL	ug/L	No
Selenium	11/05/2020	0.04<MDL	ug/L	No
Sodium	11/05/2020	5.24	mg/L	No
Uranium	11/05/2020	0.378	ug/L	No
Fluoride	Daily			No
Nitrite	24/02/2020	0.003<MDL	ug/L	No
	11/05/2020	0.003<MDL	ug/L	No
	24/08/2020	0.003<MDL	ug/L	No
	18/11/2020	0.003<MDL	ug/L	No
Nitrate	24/02/2020	1.15	ug/L	No
	11/05/2020	0.506	ug/L	No
	24/08/2020	1.45	ug/L	No
	18/11/2020	1.50	ug/L	No

Delhi Filtration Plant

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	11/05/2020	0.11	ug/L	No
Arsenic	11/05/2020	0.6	ug/L	No
Barium	11/05/2020	105.0	ug/L	No
Boron	11/05/2020	20	ug/L	No
Cadmium	11/05/2020	0.005	ug/L	No
Chromium	11/05/2020	0.08	ug/L	No



Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Lead	Exempt			
Mercury	11/05/2020	0.01<MDL	ug/L	No
Selenium	11/05/2020	0.21	ug/L	No
Sodium	11/05/2020	13.7	mg/L	No
Uranium	11/05/2020	0.97	ug/L	No
Fluoride	Daily			No
Nitrite	24/02/2020	0.003<MDL	ug/L	No
	11/05/2020	0.003<MDL	ug/L	No
	24/08/2020	0.003<MDL	ug/L	No
	18/11/2020	0.003<MDL	ug/L	No
Nitrate	24/02/2020	3.70	ug/L	No
	11/05/2020	2.88	ug/L	No
	24/08/2020	3.67	ug/L	No
	18/11/2020	1.99	ug/L	No



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

Delhi Well One

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	11/05/2020	0.02 <MDL	ug/L	No
Atrazine + N-dealkylated metabolites	11/05/2020	0.01 <MDL	ug/L	No
Azinphos-methyl	11/05/2020	0.05 <MDL	ug/L	No
Benzene	11/05/2020	0.32 <MDL	ug/L	No
Benzo(a)pyrene	11/05/2020	0.004 <MDL	ug/L	No
Bromoxynil	11/05/2020	0.33 <MDL	ug/L	No
Carbaryl	11/05/2020	0.05 <MDL	ug/L	No
Carbofuran	11/05/2020	0.01 <MDL	ug/L	No
Carbon Tetrachloride	11/05/2020	0.17 <MDL	ug/L	No
Chlorpyrifos	11/05/2020	0.02 <MDL	ug/L	No
Diazinon	11/05/2020	0.02 <MDL	ug/L	No
Dicamba	11/05/2020	0.20 <MDL	ug/L	No
1,2-Dichlorobenzene	11/05/2020	0.41 <MDL	ug/L	No
1,4-Dichlorobenzene	11/05/2020	0.36 <MDL	ug/L	No
1,2-Dichloroethane	11/05/2020	0.35 <MDL	ug/L	No
1,1-Dichloroethylene (vinylidene chloride)	11/05/2020	0.33 <MDL		
Dichloromethane	11/05/2020	0.35 <MDL	ug/L	No
2,4-Dichlorophenol	11/05/2020	0.15 <MDL	ug/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	11/05/2020	0.19 <MDL	ug/L	No
Diclofop-methyl	11/05/2020	0.40 <MDL	ug/L	No
Dimethoate	11/05/2020	0.06 <MDL	ug/L	No
Diquat	11/05/2020	1 <MDL	ug/L	No
Diuron	11/05/2020	0.03 <MDL	ug/L	No
Glyphosate	11/05/2020	1 <MDL	ug/L	No



Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Malathion	11/05/2020	0.02 <MDL	ug/L	No
MCPA	11/05/2020	0.00012 <MDL	mg/L	No
Metolachlor	11/05/2020	0.01 <MDL	ug/L	No
Metribuzin	11/05/2020	0.02 <MDL	ug/L	No
Monochlorobenzene	11/05/2020	0.3 <MDL	ug/L	No
Paraquat	11/05/2020	1 <MDL	ug/L	No
Pentachlorophenol	11/05/2020	0.15 <MDL	ug/L	No
Phorate	11/05/2020	0.01 <MDL	ug/L	No
Picloram	11/05/2020	1 <MDL	ug/L	No
Polychlorinated Biphenyls(PCB)	11/05/2020	0.04 <MDL	ug/L	No
Prometryne	11/05/2020	0.03 <MDL	ug/L	No
Simazine	11/05/2020	0.01 <MDL	ug/L	No
Terbufos	11/05/2020	0.01 <MDL	ug/L	No
Tetrachloroethylene	11/05/2020	0.35 <MDL	ug/L	No
2,3,4,6-Tetrachlorophenol	11/05/2020	0.20 <MDL	ug/L	No
Triallate	11/05/2020	0.01 <MDL	ug/L	No
Trichloroethylene	11/05/2020	0.44 <MDL	ug/L	No
2,4,6-Trichlorophenol	11/05/2020	0.25 <MDL	ug/L	No
Trifluralin	11/05/2020	0.02 <MDL	ug/L	No
Vinyl Chloride	11/05/2020	0.17 <MDL	ug/L	No

Delhi Well Two, Three A&B

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	11/05/2020	0.02 <MDL	ug/L	No
Atrazine + N-dealkylated metabolites	11/05/2020	0.01 <MDL	ug/L	No
Azinphos-methyl	11/05/2020	0.05 <MDL	ug/L	No
Benzene	11/05/2020	0.32 <MDL	ug/L	No
Benzo(a)pyrene	11/05/2020	0.004 <MDL	ug/L	No
Bromoxynil	11/05/2020	0.33 <MDL	ug/L	No
Carbaryl	11/05/2020	0.05 <MDL	ug/L	No



Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Carbofuran	11/05/2020	0.01 <MDL	ug/L	No
Carbon Tetrachloride	11/05/2020	0.17 <MDL	ug/L	No
Chlorpyrifos	11/05/2020	0.02 <MDL	ug/L	No
Diazinon	11/05/2020	0.02 <MDL	ug/L	No
Dicamba	11/05/2020	0.20 <MDL	ug/L	No
1,2-Dichlorobenzene	11/05/2020	0.41 <MDL	ug/L	No
1,4-Dichlorobenzene	11/05/2020	0.36 <MDL	ug/L	No
1,2-Dichloroethane	11/05/2020	0.35 <MDL	ug/L	No
1,1-Dichloroethylene (vinylidene chloride)	11/05/2020	0.33 <MDL		
Dichloromethane	11/05/2020	0.35 <MDL	ug/L	No
2-4 Dichlorophenol	11/05/2020	0.15 <MDL	ug/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	11/05/2020	0.19 <MDL	ug/L	No
Diclofop-methyl	11/05/2020	0.40 <MDL	ug/L	No
Dimethoate	11/05/2020	0.06 <MDL	ug/L	No
Diquat	11/05/2020	1 <MDL	ug/L	No
Diuron	11/05/2020	0.03 <MDL	ug/L	No
Glyphosate	11/05/2020	1 <MDL	ug/L	No
Malathion	11/05/2020	0.02 <MDL	ug/L	No
MCPA	11/05/2020	0.00012 <MDL	mg/L	No
Metolachlor	11/05/2020	0.01 <MDL	ug/L	No
Metribuzin	11/05/2020	0.02 <MDL	ug/L	No
Monochlorobenzene	11/05/2020	0.3 <MDL	ug/L	No
Paraquat	11/05/2020	1 <MDL	ug/L	No
Pentachlorophenol	11/05/2020	0.15 <MDL	ug/L	No
Phorate	11/05/2020	0.01 <MDL	ug/L	No
Picloram	11/05/2020	1 <MDL	ug/L	No
Polychlorinated Biphenyls(PCB)	11/05/2020	0.04 <MDL	ug/L	No
Prometryne	11/05/2020	0.03 <MDL	ug/L	No



Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Simazine	11/05/2020	0.01 <MDL	ug/L	No
Terbufos	11/05/2020	0.01 <MDL	ug/L	No
Tetrachloroethylene	11/05/2020	0.35 <MDL	ug/L	No
2,3,4,6-Tetrachlorophenol	11/05/2020	0.20 <MDL	ug/L	No
Triallate	11/05/2020	0.01 <MDL	ug/L	No
Trichloroethylene	11/05/2020	0.44 <MDL	ug/L	No
2,4,6-Trichlorophenol	11/05/2020	0.25 <MDL	ug/L	No
Trifluralin	11/05/2020	0.02 <MDL	ug/L	No
Vinyl Chloride	11/05/2020	0.17 <MDL	ug/L	No

Delhi Filtration Plant

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	11/05/2020	0.02 <MDL	ug/L	No
Atrazine + N-dealkylated metabolites	11/05/2020	0.01 <MDL	ug/L	No
Azinphos-methyl	11/05/2020	0.05 <MDL	ug/L	No
Benzene	11/05/2020	0.32 <MDL	ug/L	No
Benzo(a)pyrene	11/05/2020	0.004 <MDL	ug/L	No
Bromoxynil	11/05/2020	0.33 <MDL	ug/L	No
Carbaryl	11/05/2020	0.05 <MDL	ug/L	No
Carbofuran	11/05/2020	0.01 <MDL	ug/L	No
Carbon Tetrachloride	11/05/2020	0.17 <MDL	ug/L	No
Chlorpyrifos	11/05/2020	0.02 <MDL	ug/L	No
Diazinon	11/05/2020	0.02 <MDL	ug/L	No
Dicamba	11/05/2020	0.20 <MDL	ug/L	No
1,2-Dichlorobenzene	11/05/2020	0.41 <MDL	ug/L	No
1,4-Dichlorobenzene	11/05/2020	0.36 <MDL	ug/L	No
1,2-Dichloroethane	11/05/2020	0.35 <MDL	ug/L	No



Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
1,1-Dichloroethylene (vinylidene chloride)	11/05/2020	0.33 <MDL		
Dichloromethane	11/05/2020	0.35 <MDL	ug/L	No
2-4 Dichlorophenol	11/05/2020	0.15 <MDL	ug/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	11/05/2020	0.19 <MDL	ug/L	No
Diclofop-methyl	11/05/2020	0.40 <MDL	ug/L	No
Dimethoate	11/05/2020	0.06 <MDL	ug/L	No
Diquat	11/05/2020	1 <MDL	ug/L	No
Diuron	11/05/2020	0.03 <MDL	ug/L	No
Glyphosate	11/05/2020	1 <MDL	ug/L	No
Malathion	11/05/2020	0.02 <MDL	ug/L	No
MCPA	11/05/2020	0.00012 <MDL	mg/L	No
Metolachlor	11/05/2020	0.01 <MDL	ug/L	No
Metribuzin	11/05/2020	0.02 <MDL	ug/L	No
Monochlorobenzene	11/05/2020	0.3 <MDL	ug/L	No
Paraquat	11/05/2020	1 <MDL	ug/L	No
Pentachlorophenol	11/05/2020	0.15 <MDL	ug/L	No
Phorate	11/05/2020	0.01 <MDL	ug/L	No
Picloram	11/05/2020	1 <MDL	ug/L	No
Polychlorinated Biphenyls(PCB)	11/05/2020	0.04 <MDL	ug/L	No
Prometryne	11/05/2020	0.03 <MDL	ug/L	No
Simazine	11/05/2020	0.01 <MDL	ug/L	No
Terbufos	11/05/2020	0.01 <MDL	ug/L	No
Tetrachloroethylene	11/05/2020	0.35 <MDL	ug/L	No
2,3,4,6-Tetrachlorophenol	11/05/2020	0.20 <MDL	ug/L	No
Triallate	11/05/2020	0.01 <MDL	ug/L	No
Trichloroethylene	11/05/2020	0.44 <MDL	ug/L	No
2,4,6-Trichlorophenol	11/05/2020	0.25 <MDL	ug/L	No
Trifluralin	11/05/2020	0.02 <MDL	ug/L	No
Vinyl Chloride	11/05/2020	0.17 <MDL	ug/L	No



Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Total Haloacetic Acid Average 5.3<MDL ug/L	24/02/2020	5.3 <MDL	ug/L	No
	11/05/2020	5.3 <MDL	ug/L	No
	24/08/2020	5.3 <MDL	ug/L	No
	18/11/2020	5.3 <MDL	ug/L	No
THM Annual Average 16 ug/L	24/02/2020	10	ug/L	No
	11/05/2020	12	ug/L	No
	24/08/2020	27	ug/L	No
	18/11/2020	13	ug/L	No

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	Number of Samples	Range of Lead Results (min#) – (max #)	Number of Exceedances
Plumbing	Exempt		
Distribution	None. Next required sampling is Spring 2021.		