



# 2017 Annual Drinking Water System Report

## Simcoe Drinking Water System

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### 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, 2017 to December 31, 2017, 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 and Climate Change (MOECC) 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](http://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:

183 Main Street of Delhi, Delhi, ON

50 Colborne St., Simcoe, ON

185 Robinson St., Simcoe, ON

22 Albert St., Langton, 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 15,000.

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 m<sup>3</sup> 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 520 fire hydrants and approximately 108,500 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 (2017)
General Operations Maintenance and Repair	\$116,800.00
Well Rehabilitations	\$40,300.00



## 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 2017 sampling program for the Simcoe Drinking Water System are shown in the table below.

Location	Number of Samples	Range of <i>E.coli</i> Or Fecal Results (min #)-(max #)	Range of Total Coliform Results (min #)-(max #)
Raw Cedar St 1	18	0 – 0	0 – 0
Raw Cedar St 2	52	0 – 0	0 – 1
Raw Cedar St 3	52	0 – 0	0 – 0
Raw Cedar St 4	52	0 – 0	0 – 0
Raw Cedar St 5	52	0 – 0	0 – 2
Infiltration Gallery	52	0 – 146	0 – 153
Raw Chapel St	53	0 – 0	0 – 0
Raw NW 2	53	0 – 0	0 – 0
Raw NW 3	52	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	313	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 2017 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	<10 – 20	cfu/mL
Chapel Street Well POE	52	<10 - >2000	cfu/mL
North West Reservoir POE	18	<10 – 30	cfu/mL
Distribution	103	<10 – 130	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 at it's desirable to have it <1NTU at the treatment plant and <5NTU in the distribution system. The results from the 2017 trubidity 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	20	0.12 – 0.54	NTU
Turbidity Cedar St Well#2 Raw	240	0.05 – 0.40	NTU
Turbidity Cedar St Well#3 Raw	240	0.04 – 0.51	NTU
Turbidity Cedar St Well#4 Raw	240	0.04 – 0.40	NTU
Turbidity Cedar St Well#5 Raw	240	0.04 – 1.59	NTU
Turbidity NW Well #2 Raw	50	0.17 – 5.83	NTU
Turbidity NW Well #3 Raw	54	0.23 – 3.25	NTU
Turbidity Chapel St Raw	52	0.05 – 0.22	NTU
Turbidity NW Filter 1	8760	0.01 – 1.73	NTU
Turbidity NW Filter 2	8760	0.01 – 0.69	NTU
Turbidity NW Filter 3	8760	0.01 – 0.37	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 2017 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 – 4.99	mg/L
Chlorine Chapel St	8760	0.78 – 4.99	mg/L
Chlorine NW Res.	8760	0.65 – 1.99	mg/L
Chlorine Residual Distribution System	626	0.12 – 1.73	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 2017 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	0.13 – 0.97	mg/L
Fluoride Chapel St	365	0.00 – 0.85	mg/L
Fluoride NW Res.	365	0.07 – 0.80	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	Unit of Measure	Corrective Action	Corrective Action Date
May 24, 2017	Sodium	65.4	mg/L	Operators were directed by the MOH to resample for Sodium at the Cedar	June 6, 2017



Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
				St. Reservoir. The result was again adverse and the MOH and Norfolk County Health Department sent out notices to the residents of Simcoe who may have been affected.	

## 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 MOECC 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	24/05/2017	0.04	ug/L	No
Arsenic	24/05/2017	0.2<MDL	ug/L	No
Barium	24/05/2017	64.4	ug/L	No
Boron	24/05/2017	23	ug/L	No
Cadmium	24/05/2017	0.003<MDL	ug/L	No
Chromium	24/05/2017	0.21	ug/L	No
Lead	Exempt			
Mercury	24/05/2017	0.01<MDL	ug/L	No
Selenium	24/05/2017	0.25	ug/L	No
Sodium	01/03/2017 24/05/2017 06/06/2017 21/08/2017 07/11/2017	45.2 65.4 75.2 80.7 80.1	mg/L mg/L mg/L mg/L mg/L	Yes
Uranium	24/05/2017	0.551	ug/L	No
Fluoride	Daily			
Nitrite	01/03/2017 24/05/2017 21/08/2017 07/11/2017	0.003<MDL 0.003<MDL 0.003<MDL 0.003<MDL	mg/L mg/L mg/L mg/L	No
Nitrate	01/03/2017 24/05/2017 21/08/2017 07/11/2017	4.74 4.70 5.62 5.91	mg/L mg/L mg/L mg/L	No

### Simcoe Chapel Street Well

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	24/05/2017	0.03	ug/L	No
Arsenic	24/05/2017	0.2<MDL	ug/L	No
Barium	24/05/2017	62.3	ug/L	No
Boron	24/05/2017	18	ug/L	No
Cadmium	24/05/2017	0.005	ug/L	No
Chromium	24/05/2017	0.52	ug/L	No
Lead	Exempt			
Mercury	24/05/2017	0.01<MDL	ug/L	No



Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Selenium	24/05/2017	0.37	ug/L	No
Sodium	03/06/2015	17.9	mg/L	No
Uranium	24/05/2017	0.369	ug/L	No
Fluoride	Daily			
Nitrite	01/03/2017	0.003<MDL	mg/L	No
	24/05/2017	0.003<MDL	mg/L	
	21/08/2017	0.004	mg/L	
	07/11/2017	0.003<MDL	mg/L	
Nitrate	01/03/2017	5.27	mg/L	No
	24/05/2017	5.18	mg/L	
	21/08/2017	5.23	mg/L	
	07/11/2017	5.28	mg/L	

### Simcoe Northwest Reservoir

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	24/05/2017	0.06	ug/L	No
Arsenic	24/05/2017	0.2<MDL	ug/L	No
Barium	24/05/2017	61.9	ug/L	No
Boron	24/05/2017	13	ug/L	No
Cadmium	24/05/2017	0.003<MDL	ug/L	No
Chromium	24/05/2017	0.09	ug/L	No
Lead	Exempt			
Mercury	24/05/2017	0.01<MDL	ug/L	No
Selenium	24/05/2017	0.13	ug/L	No
Sodium	03/06/2015	9.13	mg/L	No
Uranium	24/05/2017	0.501	ug/L	No
Fluoride	Daily			
Nitrite	01/03/2017	0.003<MDL	mg/L	No
	24/05/2017	0.003<MDL	mg/L	
	21/08/2017	0.003<MDL	mg/L	
	07/11/2017	0.003<MDL	mg/L	
Nitrate	01/03/2017	1.73	mg/L	No
	24/05/2017	2.14	mg/L	
	21/08/2017	1.95	mg/L	
	07/11/2017	1.93	mg/L	





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	24/05/2017	0.02<MDL	ug/L	No
Atrazine + N-dealkylated metabolites	24/05/2017	0.01<MDL	ug/L	No
Azinphos-methyl	24/05/2017	0.05<MDL	ug/L	No
Benzene	24/05/2017	0.32<MDL	ug/L	No
Benzo(a)pyrene	24/05/2017	0.004<MDL	ug/L	No
Bromoxynil	24/05/2017	0.33<MDL	ug/L	No
Carbaryl	24/05/2017	0.05<MDL	ug/L	No
Carbofuran	24/05/2017	0.01<MDL	ug/L	No
Carbon Tetrachloride	24/05/2017	0.16<MDL	ug/L	No
Chlorpyrifos	24/05/2017	0.02<MDL	ug/L	No
Diazinon	24/05/2017	0.02<MDL	ug/L	No
Dicamba	24/05/2017	0.20<MDL	ug/L	No
1,2-Dichlorobenzene	24/05/2017	0.41<MDL	ug/L	No
1,4-Dichlorobenzene	24/05/2017	0.36<MDL	ug/L	No
1,2-Dichloroethane	24/05/2017	0.35<MDL	ug/L	No
1,1-Dichloroethylene (vinylidene chloride)	24/05/2017	0.33<MDL		
Dichloromethane	24/05/2017	0.35<MDL	ug/L	No
2,4 Dichlorophenol	24/05/2017	0.15<MDL	ug/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	24/05/2017	0.19<MDL	ug/L	No
Diclofop-methyl	24/05/2017	0.40<MDL	ug/L	No
Dimethoate	24/05/2017	0.03<MDL	ug/L	No
Diquat	24/05/2017	1<MDL	ug/L	No
Diuron	24/05/2017	0.03<MDL	ug/L	No
Glyphosate	24/05/2017	1<MDL	ug/L	No

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Malathion	24/05/2017	0.02<MDL	ug/L	No
MCPA	24/05/2017	0.00012<MDL	mg/L	No
Metolachlor	24/05/2017	0.01<MDL	ug/L	No
Metribuzin	24/05/2017	0.02<MDL	ug/L	No
Monochlorobenzene	24/05/2017	0.3<MDL	ug/L	No
Paraquat	24/05/2017	1<MDL	ug/L	No
Pentachlorophenol	24/05/2017	0.15<MDL	ug/L	No
Phorate	24/05/2017	0.01<MDL	ug/L	No
Picloram	24/05/2017	1<MDL	ug/L	No
Polychlorinated Biphenyls(PCB)	24/05/2017	0.04<MDL	ug/L	No
Prometryne	24/05/2017	0.03<MDL	ug/L	No
Simazine	24/05/2017	0.01<MDL	ug/L	No
THM Annual Average 30 ug/L	01/03/2017	27	ug/L	No
	24/05/2017	32	ug/L	
	21/08/2017	24	ug/L	
	07/11/2017	37	ug/L	
Terbufos	24/05/2017	0.01<MDL	ug/L	No
Tetrachloroethylene	24/05/2017	0.35<MDL	ug/L	No
2,3,4,6-Tetrachlorophenol	24/05/2017	0.20<MDL	ug/L	No
Triallate	24/05/2017	0.01<MDL	ug/L	No
Trichloroethylene	24/05/2017	0.44<MDL	ug/L	No
2,4,6-Trichlorophenol	24/05/2017	0.25<MDL	ug/L	No
Trifluralin	24/05/2017	0.02<MDL	ug/L	No
Vinyl Chloride	24/05/2017	0.17<MDL	ug/L	No

### Chapel Street Well

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	24/05/2017	0.02<MDL	ug/L	No
Atrazine + N-dealkylated metabolites	24/05/2017	0.01<MDL	ug/L	No
Azinphos-methyl	24/05/2017	0.05<MDL	ug/L	No
Benzene	24/05/2017	0.32<MDL	ug/L	No



Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Benzo(a)pyrene	24/05/2017	0.004<MDL	ug/L	No
Bromoxynil	24/05/2017	0.33<MDL	ug/L	No
Carbaryl	24/05/2017	0.05<MDL	ug/L	No
Carbofuran	24/05/2017	0.01<MDL	ug/L	No
Carbon Tetrachloride	24/05/2017	0.16<MDL	ug/L	No
Chlorpyrifos	24/05/2017	0.02<MDL	ug/L	No
Diazinon	24/05/2017	0.02<MDL	ug/L	No
Dicamba	24/05/2017	0.20<MDL	ug/L	No
1,2-Dichlorobenzene	24/05/2017	0.41<MDL	ug/L	No
1,4-Dichlorobenzene	24/05/2017	0.36<MDL	ug/L	No
1,2-Dichloroethane	24/05/2017	0.35<MDL	ug/L	No
1,1-Dichloroethylene (vinylidene chloride)	24/05/2017	0.33<MDL		
Dichloromethane	24/05/2017	0.35<MDL	ug/L	No
2-4 Dichlorophenol	24/05/2017	0.15<MDL	ug/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	24/05/2017	0.19<MDL	ug/L	No
Diclofop-methyl	24/05/2017	0.40<MDL	ug/L	No
Dimethoate	24/05/2017	0.03<MDL	ug/L	No
Diquat	24/05/2017	1<MDL	ug/L	No
Diuron	24/05/2017	0.03<MDL	ug/L	No
Glyphosate	24/05/2017	1<MDL	ug/L	No
Malathion	24/05/2017	0.02<MDL	ug/L	No
MCPA	24/05/2017	0.00012<MDL	mg/L	No
Metolachlor	24/05/2017	0.01<MDL	ug/L	No
Metribuzin	24/05/2017	0.02<MDL	ug/L	No
Monochlorobenzene	24/05/2017	0.3<MDL	ug/L	No
Paraquat	24/05/2017	1<MDL	ug/L	No
Pentachlorophenol	24/05/2017	0.15<MDL	ug/L	No
Phorate	24/05/2017	0.01<MDL	ug/L	No
Picloram	24/05/2017	1<MDL	ug/L	No
Polychlorinated	24/05/2017	0.04<MDL	ug/L	No



Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
<b>Biphenyls(PCB)</b>				
Prometryne	24/05/2017	0.03<MDL	ug/L	No
Simazine	24/05/2017	0.01<MDL	ug/L	No
THM Annual Average 30 ug/L	01/03/2017 24/05/2017 21/08/2017 07/11/2017	27 32 24 37	ug/L ug/L ug/L ug/L	No
Terbufos	24/05/2017	0.01<MDL	ug/L	No
Tetrachloroethylene	24/05/2017	0.35<MDL	ug/L	No
2,3,4,6-Tetrachlorophenol	24/05/2017	0.20<MDL	ug/L	No
Triallate	24/05/2017	0.01<MDL	ug/L	No
Trichloroethylene	24/05/2017	0.44<MDL	ug/L	No
2,4,6-Trichlorophenol	24/05/2017	0.25<MDL	ug/L	No
Trifluralin	24/05/2017	0.02<MDL	ug/L	No
Vinyl Chloride	24/05/2017	0.17<MDL	ug/L	No

### Simcoe Northwest Reservoir

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	24/05/2017	0.02<MDL	ug/L	No
Atrazine + N-dealkylated metabolites	24/05/2017	0.01	ug/L	No
Azinphos-methyl	24/05/2017	0.05<MDL	ug/L	No
Benzene	24/05/2017	0.32<MDL	ug/L	No
Benzo(a)pyrene	24/05/2017	0.004<MDL	ug/L	No
Bromoxynil	24/05/2017	0.33<MDL	ug/L	No
Carbaryl	24/05/2017	0.05<MDL	ug/L	No
Carbofuran	24/05/2017	0.01<MDL	ug/L	No
Carbon Tetrachloride	24/05/2017	0.16<MDL	ug/L	No
Chlorpyrifos	24/05/2017	0.02<MDL	ug/L	No
Diazinon	24/05/2017	0.02<MDL	ug/L	No
Dicamba	24/05/2017	0.20<MDL	ug/L	No
1,2-	24/05/2017	0.41<MDL	ug/L	No



Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
<b>Dichlorobenzene</b>				
<b>1,4-Dichlorobenzene</b>	24/05/2017	0.36<MDL	ug/L	No
<b>1,2-Dichloroethane</b>	24/05/2017	0.35<MDL	ug/L	No
<b>1,1-Dichloroethylene (vinylidene chloride)</b>	24/05/2017	0.33<MDL		
<b>Dichloromethane</b>	24/05/2017	0.35<MDL	ug/L	No
<b>2,4 Dichlorophenol</b>	24/05/2017	0.15<MDL	ug/L	No
<b>2,4-Dichlorophenoxy acetic acid (2,4-D)</b>	24/05/2017	0.19<MDL	ug/L	No
<b>Diclofop-methyl</b>	24/05/2017	0.40<MDL	ug/L	No
<b>Dimethoate</b>	24/05/2017	0.03<MDL	ug/L	No
<b>Diquat</b>	24/05/2017	1<MDL	ug/L	No
<b>Diuron</b>	24/05/2017	0.03<MDL	ug/L	No
<b>Glyphosate</b>	24/05/2017	1<MDL	ug/L	No
<b>Malathion</b>	24/05/2017	0.02<MDL	ug/L	No
<b>MCPA</b>	24/05/2017	0.00012<MDL	mg/L	No
<b>Metolachlor</b>	24/05/2017	0.01<MDL	ug/L	No
<b>Metribuzin</b>	24/05/2017	0.02<MDL	ug/L	No
<b>Monochlorobenzene</b>	24/05/2017	0.3<MDL	ug/L	No
<b>Paraquat</b>	24/05/2017	1<MDL	ug/L	No
<b>Pentachlorophenol</b>	24/05/2017	0.15<MDL	ug/L	No
<b>Phorate</b>	24/05/2017	0.01<MDL	ug/L	No
<b>Picloram</b>	24/05/2017	1<MDL	ug/L	No
<b>Polychlorinated Biphenyls(PCB)</b>	24/05/2017	0.04<MDL	ug/L	No
<b>Prometryne</b>	24/05/2017	0.03<MDL	ug/L	No
<b>Simazine</b>	24/05/2017	0.01<MDL	ug/L	No
<b>THM Annual Average 30 ug/L</b>	01/03/2017 24/05/2017 21/08/2017 07/11/2017	27 32 24 37	ug/L ug/L ug/L ug/L	No
<b>Terbufos</b>	24/05/2017	0.01<MDL	ug/L	No
<b>Tetrachloroethylene</b>	24/05/2017	0.35<MDL	ug/L	No
<b>2,3,4,6-</b>	24/05/2017	0.20<MDL	ug/L	No





Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
<b>Tetrachlorophenol</b>				
<b>Triallate</b>	24/05/2017	0.01<MDL	ug/L	No
<b>Trichloroethylene</b>	24/05/2017	0.44<MDL	ug/L	No
<b>2,4,6-Trichlorophenol</b>	24/05/2017	0.25<MDL	ug/L	No
<b>Trifluralin</b>	24/05/2017	0.02<MDL	ug/L	No
<b>Vinyl Chloride</b>	24/05/2017	0.17<MDL	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
<b>Plumbing</b>	Exempt		
<b>Distribution</b>	None. Next required sampling is Spring 2018		