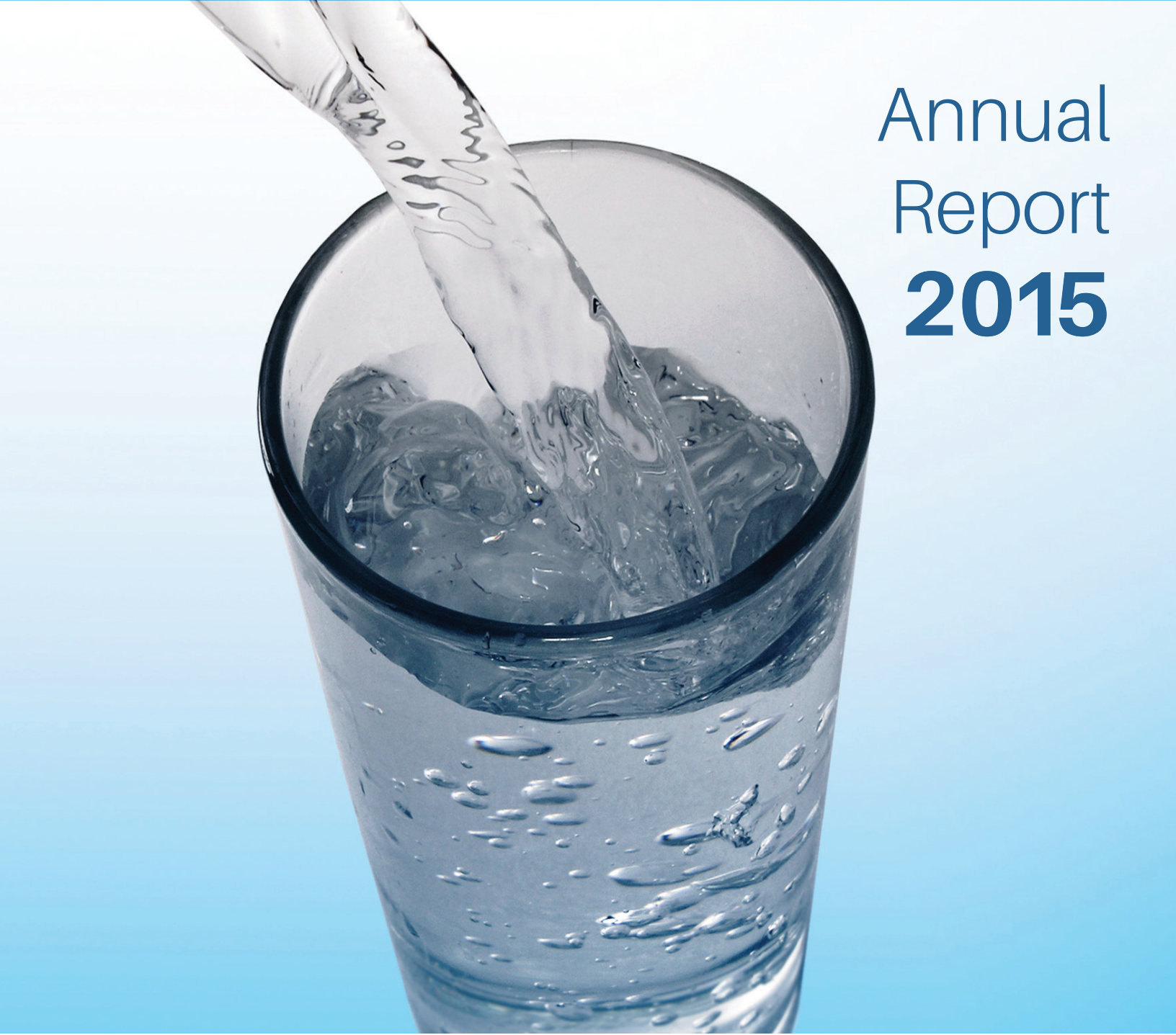




# DRINKING WATER SYSTEM



## Annual Report **2015**



**CITY OF TORONTO DRINKING WATER SYSTEM ANNUAL REPORT**

<b>Drinking-Water System Number:</b>	220002262
<b>Drinking-Water System Name:</b>	City of Toronto Drinking Water System (R. C. Harris)
<b>Drinking-Water System Owner:</b>	City of Toronto
<b>Drinking-Water System Category:</b>	Large Municipal Residential
<b>Period being reported:</b>	January 1, 2015 to December 31, 2015

<p><b><u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u></b></p> <p>Does your Drinking-Water System serve more than 10,000 people? Yes [<input checked="" type="checkbox"/>] No [ ]</p> <p>Is your annual report available to the public at no charge on a web site on the Internet? Yes [<input checked="" type="checkbox"/>] No [ ]</p> <p>Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</p> <table border="1" style="width: 100%;"> <tr> <td>Metro Hall 55 John Street Toronto, Ontario M5V 3C6</td> </tr> </table>	Metro Hall 55 John Street Toronto, Ontario M5V 3C6	<p><b><u>Complete for all other Categories.</u></b></p> <p>Number of Designated Facilities served:  <table border="1" style="width: 100%; height: 20px;"> <tr> <td></td> </tr> </table> </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:  <table border="1" style="width: 100%; height: 20px;"> <tr> <td></td> </tr> </table> </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>		
Metro Hall 55 John Street Toronto, Ontario M5V 3C6				

**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 of their drinking water from your system:

Drinking Water System Name	Drinking Water System Number
Region of York - receives some of their water from Toronto	260001929

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 of its drinking water?  
 Yes [] No [ ]

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**

Toronto Water Supply System consists of four water treatment plants, 18 pumping stations, 10 major underground storage reservoirs, four elevated storage tanks and approximately 520 kilometers of trunk watermains and 5,525 kilometers of distribution watermains.

The R.C. Harris Water Treatment Plant is a conventional water treatment, has a rated capacity of 950,000 m3/day and is located at 2701 Queen Street East, Toronto.

The other three (3) Toronto Water Treatment plants are as follows:

- R.L. Clark Water Treatment Plant (Rated Capacity of 615,000 m3/day) and is located at 45 Twenty Third Street, Toronto
- F.J. Horgan Water Treatment Plant (Rated Capacity of 800,000 m3/day) and is located at 201 Copperfield Road, Toronto
- Island Water Treatment Plant (Rated Capacity of 410,000 m3/day) and is located on Centre Island, Toronto

**List all water treatment chemicals used over this reporting period**

Alum (Aluminum sulphate)  
 Chlorine  
 Sulphur dioxide  
 Sodium bisulphite  
 Hydrofluosilicic acid  
 Aqueous Ammonia  
 Phosphoric Acid

**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**

**Capital Projects** - The following amounts relate to various projects during 2015 and do not represent the total project costs. These numbers do not include the normal operating and maintenance costs.

No.	Project Name	Description	Monetary Expense
1.	Settling Basin Rehabilitation	Rehabilitation of settling basins and associated equipment. Rehabilitation of cone valves and filter sluice gates.	\$1.50 Million



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	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
August 31, 2015	Diuron Prometon Propazine Propoxur (Baygon)	0.0008 0.0014 0.0014 0.0002	ug/L ug/L ug/L ug/L	Resample	September 3, 2015
September 9, 2015	Prometon Propoxur (Baygon)	0.0015 0.0002	ug/L ug/L	As directed by Medical Officer of Health, no remedial action necessary at this time	October 5, 2015

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 Samples	Range of HPC Results (min.) - (max.)
Raw	362	0 - 14	0 - 48	362	0 - 1425
Treated	1458	1458 A (100%A)	1458 A (100%A)	1458	0 - 120

Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report.

Parameter	Number of Grab Samples	Range of Results (min.) - (max.)	Unit of Measure
Turbidity	8760	0.02-0.10	NTU
Chlorine	8760	1.42-1.86	mg/L
*Fluoride (If the DWS provides fluoridation)	358 (plus continuous monitoring)	0.38-0.71	mg/L
<b>Note:</b> For continuous monitors use 8760 as the number of samples.			

\* Fluoride Grab Sample numbers and range of results are reported using data from days when fluoridation was in service

**Summary of additional testing and sampling carried out in accordance with the requirement of an approval, order or other legal instrument.**

**Note:** A result of zero indicates that the result obtained was below the method detection / reporting limit

Date of legal instrument issued	Parameter	Date Sampled	Result	Unit of Measure
13-Dec-2013 & 11-Feb-2015 Municipal Drinking Water Licence	Suspended Solids	Jan 01 - Dec 01, 2015	9.64	mg/L
13-Dec-2012 & 11-Feb-2015 Drinking Water Works Permit	Chlorine Residual	Jan 01 - Dec 31, 2015	0	mg/L

**Summary of Inorganic parameters tested during this reporting period or the most recent sample results**

**Note:** A result of zero indicates that the result obtained was below the method detection / reporting limit.

Parameter	Sample Date	Result Value (min.) - (max.)	Unit of Measure	Exceedance
Antimony	Jan - Dec 2015	0.0002 - 0.0002	mg/L	No
Arsenic	Jan - Dec 2015	0.0007 - 0.001	mg/L	No
Barium	Jan - Dec 2015	0.0217 - 0.0222	mg/L	No
Boron	Jan - Dec 2015	0.0232 - 0.0240	mg/L	No
Cadmium	Jan - Dec 2015	0 - 0	mg/L	No
Chromium	Jan - Dec 2015	0.0002 - 0.0003	mg/L	No
Lead	Jan - Dec 2015	0 - 0	mg/L	No
Mercury	Jan - Dec 2015	0 - 0	mg/L	No
Selenium	Jan - Dec 2015	0 - 0.0006	mg/L	No
Sodium	Jan - Dec 2015	13.2 - 15.9	mg/L	No
Uranium	Jan - Dec 2015	0.0003 - 0.0004	mg/L	No
Nitrite	Jan - Dec 2015	0 - 0.0004	mg/L	No
Nitrate	Jan - Dec 2015	0.29 - 0.41	mg/L	No

**Summary of Lead (Pb) testing under Schedule 15.1 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	Number of Samples	Range of Lead Results (min.) - (max.)	Unit of Measure	Number of Exceedances
*Plumbing				
*Distribution				

**\*Note:** Refer to Toronto DS (Distribution System) Annual Report for Lead (Pb) testing data

**Summary of Organic parameters sampled during this reporting period or the most recent sample results**

**Note:** A result of zero indicates that the result obtained was below the method detection / reporting limit.

Parameter	Sample Date	Result Value (min.) - (max.)	Unit of Measure	Exceedance
Alachlor	Jan - Dec 2015	0 - 0	µg/L	No
Aldicarb	Jan - Dec 2015	0 - 0	µg/L	No
Aldrin + Dieldrin	Jan - Dec 2015	0 - 0	µg/L	No
Atrazine + N-dealkylated metabolites	Jan - Dec 2015	0.126 - 0.129	µg/L	No
Azinphos-methyl	Jan - Dec 2015	0 - 0	µg/L	No
Bendiocarb	Jan - Dec 2015	0 - 0	µg/L	No
Benzene	Jan - Dec 2015	0 - 0	µg/L	No
Benzo(a)pyrene	Jan - Dec 2015	0 - 0	µg/L	No
Bromoxynil	Jan - Dec 2015	0 - 0	µg/L	No
Carbaryl	Jan - Dec 2015	0 - 0	µg/L	No
Carbofuran	Jan - Dec 2015	0 - 0	µg/L	No
Carbon Tetrachloride	Jan - Dec 2015	0 - 0	µg/L	No
Chlordane (Total)	Jan - Dec 2015	0 - 0	µg/L	No
Chlorpyrifos	Jan - Dec 2015	0 - 0	µg/L	No
Cyanazine	Jan - Dec 2015	0 - 0.0031	µg/L	No
Diazinon	Jan - Dec 2015	0 - 0	µg/L	No
Dicamba	Jan - Dec 2015	0 - 0	µg/L	No
1,2-Dichlorobenzene	Jan - Dec 2015	0 - 0	µg/L	No
1,4-Dichlorobenzene	Jan - Dec 2015	0 - 0	µg/L	No
Dichlorodiphenyltrichloroethane (DDT) + metabolites	Jan - Dec 2015	0 - 0	µg/L	No
1,2-Dichloroethane	Jan - Dec 2015	0 - 0	µg/L	No
1,1-Dichloroethylene (vinylidene chloride)	Jan - Dec 2015	0 - 0	µg/L	No
Dichloromethane	Jan - Dec 2015	0 - 0	µg/L	No
2,4-Dichlorophenol	Jan - Dec 2015	0 - 0	µg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	Jan - Dec 2015	0 - 0	µg/L	No
Diclofop-methyl	Jan - Dec 2015	0 - 0	µg/L	No
Dimethoate	Jan - Dec 2015	0 - 0	µg/L	No
Dinoseb	Jan - Dec 2015	0 - 0	µg/L	No
Diquat	Jan - Dec 2015	0	µg/L	No
Diuron	Jan - Dec 2015	0 - 0	µg/L	No
Glyphosate	Jan - Dec 2015	0	µg/L	No
Heptachlor + Heptachlor Epoxide	Jan - Dec 2015	0 - 0	µg/L	No
Lindane (Total)	Jan - Dec 2015	0 - 0	µg/L	No
Malathion	Jan - Dec 2015	0 - 0	µg/L	No
Methoxychlor	Jan - Dec 2015	0 - 0	µg/L	No

Metolachlor	Jan - Dec 2015	0 - 0.0081	µg/L	No
Metribuzin	Jan - Dec 2015	0 - 0	µg/L	No
Monochlorobenzene	Jan - Dec 2015	0 - 0	µg/L	No
Paraquat	Jan - Dec 2015	0	µg/L	No
Parathion	Jan - Dec 2015	0 - 0	µg/L	No
Pentachlorophenol	Jan - Dec 2015	0 - 0	µg/L	No
Phorate	Jan - Dec 2015	0 - 0	µg/L	No
Picloram	Jan - Dec 2015	0 - 0	µg/L	No
Polychlorinated Biphenyls (PCB)	Jan - Dec 2015	0 - 0	µg/L	No
Prometryne	Jan - Dec 2015	0 - 0	µg/L	No
Simazine	Jan - Dec 2015	0 - 0.0031	µg/L	No
THM (Note: show latest annual average)	Jan - Dec 2015	16.8	µg/L	No
Temephos	Jan - Dec 2015	0 - 0	µg/L	No
Terbufos	Jan - Dec 2015	0 - 0	µg/L	No
Tetrachloroethylene	Jan - Dec 2015	0 - 0	µg/L	No
2,3,4,6-Tetrachlorophenol	Jan - Dec 2015	0 - 0	µg/L	No
Triallate	Jan - Dec 2015	0 - 0	µg/L	No
Trichloroethylene	Jan - Dec 2015	0 - 0	µg/L	No
2,4,6-Trichlorophenol	Jan - Dec 2015	0 - 0	µg/L	No
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	Jan - Dec 2015	0 - 0	µg/L	No
Trifluralin	Jan - Dec 2015	0 - 0	µg/L	No
Vinyl Chloride	Jan - Dec 2015	0 - 0	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.**

<b>Parameter</b>	<b>Result Value (min.) - (max.)</b>	<b>Unit of Measure</b>	<b>Date of Sample</b>
NONE			



**CITY OF TORONTO DRINKING WATER SYSTEM ANNUAL REPORT**

<b>Drinking-Water System Number:</b>	220002244
<b>Drinking-Water System Name:</b>	City of Toronto Drinking Water System (Island)
<b>Drinking-Water System Owner:</b>	City of Toronto
<b>Drinking-Water System Category:</b>	Large Municipal Residential
<b>Period being reported:</b>	January 1, 2015 to December 31, 2015

<p><b><u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u></b></p> <p>Does your Drinking-Water System serve more than 10,000 people? Yes [<input checked="" type="checkbox"/>] No [ ]</p> <p>Is your annual report available to the public at no charge on a web site on the Internet? Yes [<input checked="" type="checkbox"/>] No [ ]</p> <p>Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</p> <table border="1" style="width: 100%;"> <tr> <td>Metro Hall 55 John Street Toronto, Ontario M5V 3C6</td> </tr> </table>	Metro Hall 55 John Street Toronto, Ontario M5V 3C6	<p><b><u>Complete for all other Categories.</u></b></p> <p>Number of Designated Facilities served: <input type="text"/></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: <input type="text"/></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>
Metro Hall 55 John Street Toronto, Ontario M5V 3C6		

**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 of their drinking water from your system:

Drinking Water System Name	Drinking Water System Number
Region of York - receives some of their water from Toronto	260001929

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 of its drinking water?  
Yes [] No [ ]

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**

Toronto Water Supply System consists of four water treatment plants, 18 pumping stations, 10 major underground storage reservoirs, four elevated storage tanks and approximately 520 kilometers of trunk watermains and 5,525 kilometers of distribution watermains.

The Island Water Treatment Plant is a direct water treatment plant, has a rated capacity of 410,000 m<sup>3</sup>/day and is located at Toronto Centre Island, Toronto.

The other three (3) Toronto Water Treatment plants are as follows:

- R.L. Clark Water Treatment Plant (Rated Capacity of 615,000 m<sup>3</sup>/day) and is located at 45 Twenty Third Street, Toronto
- R.C. Harris Water Treatment Plant (Rated Capacity of 950,000 m<sup>3</sup>/day) and is located at 2701 Queen Street East, Toronto
- F.J. Horgan Water Treatment Plant (Rated Capacity of 800,000 m<sup>3</sup>/day) and is located at 201 Copperfield Road, Toronto

**List all water treatment chemicals used over this reporting period**

Chlorine  
 Sulphur dioxide  
 Sodium bisulphite  
 Hydrofluosilicic acid  
 Aqua ammonia  
 Polyaluminum Chloride (PACL)  
 Phosphoric Acid

**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**

**Capital Projects** - The following amounts relate to various projects during 2015 and do not represent the total project costs. These numbers do not include the normal operating and maintenance costs.

No.	Project Description	Monetary Expense
1.	Design & Construction of Admin Building & Marine Yard Rehabilitation	\$568,000
2.	Design & Construction of Bumpless Transfer	\$508,000
3.	Design of Residuals Management System	\$360,000
4.	Design & Construction of Filter Air Scour System	\$243,000
5.	Design & Construction of Island Sea Wall and Crane Structure	\$ 60,000

6.	Design & Construction of Chemical Systems Electrical Feed Distribution	\$ 56,000
7.	Construction of Lower Filter Building Roof Rehabilitation	\$ 55,000
8.	Design support for Deep Lake Water Cooling and Process Retrofits	\$ 43,000
9.	Design of Ammonia & Fluoride System Upgrades	\$ 32,000
10	Design & site services for Island WTP Winterization Project	\$ 24,000
11.	Design of Plantwide HVAC Upgrades	\$ 20,000

**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	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
August 31, 2015	Diuron Prometon Propazine	0.0008 0.0015 0.0015	µg/L	Resample	September 3, 2015
September 9, 2015	Prometon	0.0014	µg/L	As directed by Medical Officer of Health, no remedial action necessary at this time	October 5, 2015

**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 Samples	Range of HPC Results (min.) - (max.)
Raw	281	0 - 35	0 - 89	281	0 - 3266
Treated	1141	1141 A (100%A)	1141 A (100%A)	1141	0 - 408

**Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report.**

Parameter	Number of Grab Samples	Range of Results (min.) - (max.)	Unit of Measure
Turbidity	6861	0.03 - 0.13	NTU
Chlorine	6861	1.19 - 2.09	mg/L
*Fluoride (If the DWS provides fluoridation)	283 (plus continuous monitoring)	0.52 - 0.72	mg/L
<b>Note:</b> For continuous monitors use 8760 as the number of samples.			

\* Fluoride Grab Sample numbers and range of results are reported using data from days when fluoridation was in service

**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	Result	Unit of Measure
13-Dec-2013 & 11-Feb-2015 Municipal Drinking Water Licence	Suspended Solids	Jan. 1, 2015 - Dec. 31, 2015	9.9	mg/L
13-Dec-2012 & 11-Feb-2015 Drinking Water Works Permit	Chlorine Residual	Jan. 1, 2015 - Dec. 31, 2015	0.002	mg/L

**Summary of Inorganic parameters tested during this reporting period or the most recent sample results**

**Note:** A result of zero indicates that the result obtained was below the method detection / reporting limit.

Parameter	Sample Date	Result Value (min.) - (max.)	Unit of Measure	Exceedance
Antimony	Jan - Dec 2015	0.0002 - 0.0002	mg/L	No
Arsenic	Jan - Dec 2015	0.0011 - 0.0011	mg/L	No
Barium	Jan - Dec 2015	0.0227 - 0.0230	mg/L	No
Boron	Jan - Dec 2015	0.0232 - 0.0236	mg/L	No
Cadmium	Jan - Dec 2015	0 - 0	mg/L	No
Chromium	Jan - Dec 2015	0.0002 - 0.0003	mg/L	No
Lead	Jan - Dec 2015	0 - 0	mg/L	No
Mercury	Jan - Dec 2015	0 - 0	mg/L	No
Selenium	Jan - Dec 2015	0 - 0.0005	mg/L	No
Sodium	Jan - Dec 2015	12.8 - 14.1	mg/L	No
Uranium	Jan - Dec 2015	0.0003 - 0.0004	mg/L	No
Nitrite	Jan - Dec 2015	0 - 0	mg/L	No
Nitrate	Jan - Dec 2015	0.37 - 0.41	mg/L	No

**Summary of Lead (Pb) testing under Schedule 15.1 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	Number of Samples	Range of Lead Results (min.) - (max.)	Unit of Measure	Number of Exceedances
*Plumbing				
*Distribution				

**\*Note:** Refer to Toronto DS (Distribution System) Annual Report for Lead (Pb) testing data

**Summary of Organic parameters sampled during this reporting period or the most recent sample results**

**Note:** A result of zero indicates that the result obtained was below the method detection / reporting limit.

Parameter	Sample Date	Result Value (min.) - (max.)	Unit of Measure	Exceedance
Alachlor	Jan - Dec 2015	0 - 0	µg/L	No
Aldicarb	Jan - Dec 2015	0 - 0	µg/L	No
Aldrin + Dieldrin	Jan - Dec 2015	0 - 0	µg/L	No
Atrazine + N-dealkylated metabolites	Jan - Dec 2015	0.126 - 0.133	µg/L	No
Azinphos-methyl	Jan - Dec 2015	0 - 0	µg/L	No
Bendiocarb	Jan - Dec 2015	0 - 0	µg/L	No
Benzene	Jan - Dec 2015	0 - 0	µg/L	No
Benzo(a)pyrene	Jan - Dec 2015	0 - 0	µg/L	No
Bromoxynil	Jan - Dec 2015	0 - 0	µg/L	No
Carbaryl	Jan - Dec 2015	0 - 0	µg/L	No
Carbofuran	Jan - Dec 2015	0 - 0	µg/L	No
Carbon Tetrachloride	Jan - Dec 2015	0 - 0	µg/L	No
Chlordane (Total)	Jan - Dec 2015	0 - 0	µg/L	No
Chlorpyrifos	Jan - Dec 2015	0 - 0	µg/L	No
Cyanazine	Jan - Dec 2015	0.0024 - 0.0033	µg/L	No
Diazinon	Jan - Dec 2015	0 - 0	µg/L	No
Dicamba	Jan - Dec 2015	0 - 0	µg/L	No
1,2-Dichlorobenzene	Jan - Dec 2015	0 - 0	µg/L	No
1,4-Dichlorobenzene	Jan - Dec 2015	0 - 0	µg/L	No
Dichlorodiphenyltrichloroethane (DDT) + metabolites	Jan - Dec 2015	0 - 0	µg/L	No
1,2-Dichloroethane	Jan - Dec 2015	0 - 0	µg/L	No
1,1-Dichloroethylene (vinylidene chloride)	Jan - Dec 2015	0 - 0	µg/L	No
Dichloromethane	Jan - Dec 2015	0 - 0	µg/L	No
2,4-Dichlorophenol	Jan - Dec 2015	0 - 0	µg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	Jan - Dec 2015	0 - 0	µg/L	No
Diclofop-methyl	Jan - Dec 2015	0 - 0	µg/L	No
Dimethoate	Jan - Dec 2015	0 - 0	µg/L	No
Dinoseb	Jan - Dec 2015	0 - 0	µg/L	No
Diquat	Jan - Dec 2015	0	µg/L	No
Diuron	Jan - Dec 2015	0 - 0.0008	µg/L	No
Glyphosate	Jan - Dec 2015	0	µg/L	No
Heptachlor + Heptachlor Epoxide	Jan - Dec 2015	0 - 0	µg/L	No
Lindane (Total)	Jan - Dec 2015	0 - 0	µg/L	No
Malathion	Jan - Dec 2015	0 - 0	µg/L	No
Methoxychlor	Jan - Dec 2015	0 - 0	µg/L	No



Metolachlor	Jan - Dec 2015	0.0066 - 0.0080	µg/L	No
Metribuzin	Jan - Dec 2015	0 - 0	µg/L	No
Monochlorobenzene	Jan - Dec 2015	0 - 0	µg/L	No
Paraquat	Jan - Dec 2015	0	µg/L	No
Parathion	Jan - Dec 2015	0 - 0	µg/L	No
Pentachlorophenol	Jan - Dec 2015	0 - 0	µg/L	No
Phorate	Jan - Dec 2015	0 - 0	µg/L	No
Picloram	Jan - Dec 2015	0 - 0	µg/L	No
Polychlorinated Biphenyls (PCB)	Jan - Dec 2015	0 - 0	µg/L	No
Prometryne	Jan - Dec 2015	0 - 0	µg/L	No
Simazine	Jan - Dec 2015	0.0067 - 0.0077	µg/L	No
THM (Note: show latest annual average)	Jan - Dec 2015	11.0	µg/L	No
Temephos	Jan - Dec 2015	0 - 0	µg/L	No
Terbufos	Jan - Dec 2015	0 - 0	µg/L	No
Tetrachloroethylene	Jan - Dec 2015	0 - 0	µg/L	No
2,3,4,6-Tetrachlorophenol	Jan - Dec 2015	0 - 0	µg/L	No
Triallate	Jan - Dec 2015	0 - 0	µg/L	No
Trichloroethylene	Jan - Dec 2015	0 - 0	µg/L	No
2,4,6-Trichlorophenol	Jan - Dec 2015	0 - 0	µg/L	No
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	Jan - Dec 2015	0 - 0	µg/L	No
Trifluralin	Jan - Dec 2015	0 - 0	µg/L	No
Vinyl Chloride	Jan - Dec 2015	0 - 0	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.**

<b>Parameter</b>	<b>Result Value (min.) - (max.)</b>	<b>Unit of Measure</b>	<b>Date of Sample</b>
NONE			





**CITY OF TORONTO DRINKING WATER SYSTEM ANNUAL REPORT**

<b>Drinking-Water System Number:</b>	220002253
<b>Drinking-Water System Name:</b>	City of Toronto Drinking Water System (R. L. Clark)
<b>Drinking-Water System Owner:</b>	City of Toronto
<b>Drinking-Water System Category:</b>	Large Municipal Residential
<b>Period being reported:</b>	January 1, 2015 to December 31, 2015

<p><b><u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u></b></p> <p>Does your Drinking-Water System serve more than 10,000 people? Yes [<input checked="" type="checkbox"/>] No [ ]</p> <p>Is your annual report available to the public at no charge on a web site on the Internet? Yes [<input checked="" type="checkbox"/>] No [ ]</p> <p>Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</p> <table border="1" style="width: 100%;"> <tr> <td>Metro Hall 55 John Street Toronto, Ontario M5V 3C6</td> </tr> </table>	Metro Hall 55 John Street Toronto, Ontario M5V 3C6	<p><b><u>Complete for all other Categories.</u></b></p> <p>Number of Designated Facilities served:  <table border="1" style="width: 100%; height: 20px;"> <tr> <td></td> </tr> </table> </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:  <table border="1" style="width: 100%; height: 20px;"> <tr> <td></td> </tr> </table> </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>		
Metro Hall 55 John Street Toronto, Ontario M5V 3C6				

**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 of their drinking water from your system:

Drinking Water System Name	Drinking Water System Number
Region of York - receives some of their water from Toronto	260001929

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 of its drinking water?  
 Yes [] No [ ]

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**

Toronto Water Supply System consists of four water treatment plants, 18 pumping stations, 10 major underground storage reservoirs, four elevated storage tanks and approximately 520 kilometers of trunk watermains and 5,525 kilometers of distribution watermains.

The R.L. Clark Water Treatment Plant is a conventional water treatment plant, has a rated capacity of 615,000 m<sup>3</sup>/day and is located at 45 Twenty Third Street, Toronto.

The other three (3) Toronto Water Treatment plants are as follows:

- R.C. Harris Water Treatment Plant (Rated Capacity of 950,000 m<sup>3</sup>/day) and is located at 2701 Queen Street East, Toronto
- F.J. Horgan Water Treatment Plant (Rated Capacity of 800,000 m<sup>3</sup>/day) and is located at 201 Copperfield Road, Toronto
- Island Water Treatment Plant (Rated Capacity of 410,000 m<sup>3</sup>/day) and is located on Centre Island, Toronto

**List all water treatment chemicals used over this reporting period**

Alum (Aluminum sulphate)  
 Chlorine  
 Sulphur Dioxide  
 Hydrofluosilic Acid  
 Aqua Ammonia  
 Phosphoric Acid

Cationic polymer was used for residuals treatment.

**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**

**Capital Projects** - The following amounts relate to various projects during 2015 and do not represent the total project costs. These numbers do not include the normal operating and maintenance costs.

No.	Project Name	Description	Monetary Expense
1.	Voice Communication Upgrade	Telephone & paging system	\$630,000
2.	Filters Upgrade	Filter rehabilitation project	\$12 Million

3.	RMF Optimization	Residue Management Facility upgrades	\$130,000
4.	Process Equipment Upgrade, (design and contract admin)	Consultant design and project oversight for upgrade projects	\$590,000
5.	Miscellaneous Projects	Various plant equipment rehabilitation	\$230,000

**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	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
August 31, 2015	Diuron Prometon Propazine Propoxur (Baygon)	0.0013 0.0016 0.0014 0.0002	ug/L ug/L ug/L ug/L	Resample	September 3, 2015
September 3, 2015	Prometon	0.0013	ug/L	As directed by Medical Officer of Health, no remedial action necessary at this time	October 5, 2015
September 19, 2015	Individual filter effluent turbidity analyzer failure	0	NTU	Filter removed from service. Grab sample collected. Analyzer repaired and calibrated.	September 20, 2015
December 2, 2015	Total Coliform	Present	P/A result in 100 mL sample	Resample	December 2, 2015

**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 Samples	Range of HPC Results (min.) - (max.)
Raw	281	0 - 30	0 - 103	281	0 - >5700
Treated	1425	1425 A (100%A)	1424 A (99.9%A)	1425	0 - 74

**Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report.**

Parameter	Number of Grab Samples	Range of Results (min.) - (max.)	Unit of Measure
Turbidity	8578	0.03 - 0.21	NTU
Chlorine	8578	1.16 - 1.72	mg/L
*Fluoride (If the DWS provides fluoridation)	282 (plus continuous monitoring)	0.41 - 0.65	mg/L
<b>Note:</b> For continuous monitors use 8760 as the number of samples.			

\* Fluoride Grab Sample numbers and range of results are reported using data from days when fluoridation was in service.

**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	Result	Unit of Measure
NONE				

**Summary of Inorganic parameters tested during this reporting period or the most recent sample results**

**Note:** A result of zero indicates that the result obtained was below the method detection / reporting limit.

Parameter	Sample Date	Result Value (min.) - (max.)	Unit of Measure	Exceedance
Antimony	Jan - Dec 2015	0.0002 - 0.0003	mg/L	No
Arsenic	Jan - Dec 2015	0.0008 - 0.0011	mg/L	No
Barium	Jan - Dec 2015	0.0220 - 0.0334	mg/L	No
Boron	Jan - Dec 2015	0.0238 - 0.0242	mg/L	No
Cadmium	Jan - Dec 2015	0 - 0	mg/L	No
Chromium	Jan - Dec 2015	0.0002 - 0.0003	mg/L	No
Lead	Jan - Dec 2015	0 - 0	mg/L	No
Mercury	Jan - Dec 2015	0 - 0	mg/L	No
Selenium	Jan - Dec 2015	0 - 0.0054	mg/L	No
Sodium	Jan - Dec 2015	13.1 - 22.8	mg/L	Yes ( Last reported in Feb 2012)
Uranium	Jan - Dec 2015	0.0003 - 0.0006	mg/L	No
Nitrite	Jan - Dec 2015	0 - 0.002	mg/L	No
Nitrate	Jan - Dec 2015	0.33 - 0.53	mg/L	No

**Summary of Lead (Pb) testing under Schedule 15.1 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	Number of Samples	Range of Lead Results (min.) - (max.)	Unit of Measure	Number of Exceedances
*Plumbing				
*Distribution				

\*Note: Refer to Toronto DS (Distribution System) Annual Report for Lead (Pb) testing data

**Summary of Organic parameters sampled during this reporting period or the most recent sample results**

Note: A result of zero indicates that the result obtained was below the method detection / reporting limit.

Parameter	Sample Date	Result Value (min.) - (max.)	Unit of Measure	Exceedance
Alachlor	Jan - Dec 2015	0 - 0	µg/L	No
Aldicarb	Jan - Dec 2015	0 - 0	µg/L	No
Aldrin + Dieldrin	Jan - Dec 2015	0 - 0	µg/L	No
Atrazine + N-dealkylated metabolites	Jan - Dec 2015	0.125 - 0.146	µg/L	No
Azinphos-methyl	Jan - Dec 2015	0 - 0	µg/L	No
Bendiocarb	Jan - Dec 2015	0 - 0	µg/L	No
Benzene	Jan - Dec 2015	0 - 0	µg/L	No
Benzo(a)pyrene	Jan - Dec 2015	0 - 0	µg/L	No
Bromoxynil	Jan - Dec 2015	0 - 0	µg/L	No
Carbaryl	Jan - Dec 2015	0 - 0	µg/L	No
Carbofuran	Jan - Dec 2015	0 - 0	µg/L	No
Carbon Tetrachloride	Jan - Dec 2015	0 - 0	µg/L	No
Chlordane (Total)	Jan - Dec 2015	0 - 0	µg/L	No
Chlorpyrifos	Jan - Dec 2015	0 - 0	µg/L	No
Cyanazine	Jan - Dec 2015	0.002 - 0.003	µg/L	No
Diazinon	Jan - Dec 2015	0 - 0	µg/L	No
Dicamba	Jan - Dec 2015	0 - 0	µg/L	No
1,2-Dichlorobenzene	Jan - Dec 2015	0 - 0	µg/L	No
1,4-Dichlorobenzene	Jan - Dec 2015	0 - 0	µg/L	No
Dichlorodiphenyltrichloroethane (DDT) + metabolites	Jan - Dec 2015	0 - 0	µg/L	No
1,2-Dichloroethane	Jan - Dec 2015	0 - 0	µg/L	No
1,1-Dichloroethylene (vinylidene chloride)	Jan - Dec 2015	0 - 0	µg/L	No
Dichloromethane	Jan - Dec 2015	0 - 0	µg/L	No
2-4 Dichlorophenol	Jan - Dec 2015	0 - 0	µg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	Jan - Dec 2015	0 - 0.0182	µg/L	No



Diclofop-methyl	Jan - Dec 2015	0 - 0	µg/L	No
Dimethoate	Jan - Dec 2015	0 - 0	µg/L	No
Dinoseb	Jan - Dec 2015	0 - 0	µg/L	No
Diquat	Jan - Dec 2015	0	µg/L	No
Diuron	Jan - Dec 2015	0 - 0.0013	µg/L	No
Glyphosate	Jan - Dec 2015	0	µg/L	No
Heptachlor + Heptachlor Epoxide	Jan - Dec 2015	0 - 0	µg/L	No
Lindane (Total)	Jan - Dec 2015	0 - 0	µg/L	No
Malathion	Jan - Dec 2015	0 - 0	µg/L	No
Methoxychlor	Jan - Dec 2015	0 - 0	µg/L	No
Metolachlor	Jan - Dec 2015	0.0069 - 0.0195	µg/L	No
Metribuzin	Jan - Dec 2015	0 - 0	µg/L	No
Monochlorobenzene	Jan - Dec 2015	0 - 0	µg/L	No
Paraquat	Jan - Dec 2015	0	µg/L	No
Parathion	Jan - Dec 2015	0 - 0	µg/L	No
Pentachlorophenol	Jan - Dec 2015	0 - 0	µg/L	No
Phorate	Jan - Dec 2015	0 - 0	µg/L	No
Picloram	Jan - Dec 2015	0 - 0	µg/L	No
Polychlorinated Biphenyls (PCB)	Jan - Dec 2015	0 - 0	µg/L	No
Prometryne	Jan - Dec 2015	0 - 0	µg/L	No
Simazine	Jan - Dec 2015	0.0062 - 0.0066	µg/L	No
THM (Note: show latest annual average)	Jan - Dec 2015	17.7	µg/L	No
Temephos	Jan - Dec 2015	0 - 0	µg/L	No
Terbufos	Jan - Dec 2015	0 - 0	µg/L	No
Tetrachloroethylene	Jan - Dec 2015	0 - 0	µg/L	No
2,3,4,6-Tetrachlorophenol	Jan - Dec 2015	0 - 0	µg/L	No
Triallate	Jan - Dec 2015	0 - 0	µg/L	No
Trichloroethylene	Jan - Dec 2015	0 - 0	µg/L	No
2,4,6-Trichlorophenol	Jan - Dec 2015	0 - 0	µg/L	No
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	Jan - Dec 2015	0 - 0	µg/L	No
Trifluralin	Jan - Dec 2015	0 - 0	µg/L	No
Vinyl Chloride	Jan - Dec 2015	0 - 0	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 (min.) - (max.)	Unit of Measure	Date of Sample
NONE			



**CITY OF TORONTO DRINKING WATER SYSTEM ANNUAL REPORT**

<b>Drinking-Water System Number:</b>	<b>220004536</b>
<b>Drinking-Water System Name:</b>	City of Toronto Drinking Water System (F. J. Horgan)
<b>Drinking-Water System Owner:</b>	City of Toronto
<b>Drinking-Water System Category:</b>	Large Municipal Residential
<b>Period being reported:</b>	January 1, 2015 to December 31, 2015

<p><b><u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u></b></p> <p>Does your Drinking-Water System serve more than 10,000 people? Yes [<input checked="" type="checkbox"/>] No [ ]</p> <p>Is your annual report available to the public at no charge on a web site on the Internet? Yes [<input checked="" type="checkbox"/>] No [ ]</p> <p>Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</p> <table border="1" style="width: 100%;"> <tr> <td>Metro Hall 55 John Street Toronto, Ontario M5V 3C6</td> </tr> </table>	Metro Hall 55 John Street Toronto, Ontario M5V 3C6	<p><b><u>Complete for all other Categories.</u></b></p> <p>Number of Designated Facilities served:  <table border="1" style="width: 100%; height: 20px;"> <tr> <td></td> </tr> </table> </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:  <table border="1" style="width: 100%; height: 20px;"> <tr> <td></td> </tr> </table> </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>		
Metro Hall 55 John Street Toronto, Ontario M5V 3C6				

**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 of their drinking water from your system:

Drinking Water System Name	Drinking Water System Number
Region of York - receives some of their water from Toronto	260001929

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 of its drinking water?  
 Yes [] No [ ]

Indicate how you notified system users that your annual report is available, and is free of charge.

[] Public access/notice via the web  
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 [ ] Public access/notice via a Public Library  
 [ ] Public access/notice via other method \_\_\_\_\_



**Describe your Drinking-Water System**

Toronto Water Supply System consists of four water treatment plants, 18 pumping stations, 10 major underground storage reservoirs, four elevated storage tanks and approximately 520 kilometers of trunk watermains and 5,525 kilometers of distribution watermains.

The F.J. Horgan Water Treatment Plant is a direct water treatment plant, has a rated capacity of 800,000 m<sup>3</sup>/day and is located at 201 Copperfield Road, Toronto.

The other three (3) Toronto Water Treatment plants are as follows:

- R.L. Clark Water Treatment Plant (Rated Capacity of 615,000 m<sup>3</sup>/day) and is located at 45 Twenty Third Street, Toronto
- R.C. Harris Water Treatment Plant (Rated Capacity of 950,000 m<sup>3</sup>/day) and is located at 2701 Queen Street East, Toronto
- Island Water Treatment Plant (Rated Capacity of 410,000 m<sup>3</sup>/day) and is located on Centre Island, Toronto

**List all water treatment chemicals used over this reporting period**

Alum (Aluminum sulphate)  
 Polyaluminum Chloride (PACL - SternPAC)  
 Chlorine  
 Sulphur dioxide  
 Hydrofluosilicic acid  
 Aqua ammonia  
 Liquid Oxygen  
 Ozone  
 Sodium bisulphite (SBS)  
 Phosphoric acid  
 Polymer - Anionic (FLO AF340) for waste residuals treatment  
 Polymer - Cationic (Magnafloc LT 7996)

**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**

**Capital Projects** - The following amounts relate to various projects during 2015 and do not represent the total project costs. These numbers do not include the normal operating and maintenance costs.

No.	Project Name	Description	Monetary Expense
1.	Plant Expansion	Design, Construction Admin and Construction	\$741,000
2.	Replacement of MCCA	Pre-design and contract Admin	\$132,000

3.	Facility & Process Upgrades	Raw & Treated water pump upgrades; Access road repaving; HVAC Rehab. & Scrubber Engineering; Elec. Grounding system & Bulk Chem. Un-loading improvement.	\$1.53 Million
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**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	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
August 9, 2015	Individual Effluent Turbidity for Filter 11 & 12	N/A	NTU	Filters taken out of service due to suspect incorrect readings.	August 9, 2015
August 31, 2015	Prometon Propazine	0.0008 0.0010	µg/L	Resample.	September 3, 2015
September 9, 2015	Prometon Porpoxur	0.0006 0.0002	µg/L	As directed by Medical Officer of Health, no remedial action necessary at this time	October 5, 2015

**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 Samples	Range of HPC Results (min.) - (max.)
Raw	356	0 - 3	0 - 10	356	0 - 57
Treated	1452	1452 A (100%A)	1452 A (100%A)	1452	0 - 38

**Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report.**

Parameter	Number of Grab Samples	Range of Results (min.) - (max.)	Unit of Measure
Turbidity	8760	0.05 - 0.20	NTU
Chlorine	8760	1.27 - 1.86	mg/L
*Fluoride (If the DWS provides fluoridation)	340 (plus continuous monitoring)	0.40 - 0.68	mg/L

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

\* Fluoride Grab Sample numbers and range of results are reported using data from days when fluoridation was in service.

**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	Result	Unit of Measure
13-Dec-2013 & 11-Feb-2015 Municipal Drinking Water Licence 13-Dec-2012 & 11-Feb-2015 Drinking Water Works Permit	Total Suspended Solids	Jan 31 - Dec 31, 2015	6.92	mg/L

**Summary of Inorganic parameters tested during this reporting period or the most recent sample results**

**Note:** A result of zero indicates that the result obtained was below the method detection / reporting limit.

Parameter	Sample Date	Result Value (min.) - (max.)	Unit of Measure	Exceedance
Antimony	Jan - Dec 2015	0.0002 - 0.0002	mg/L	No
Arsenic	Jan - Dec 2015	0.0011 - 0.0013	mg/L	No
Barium	Jan - Dec 2015	0.0192 - 0.0221	mg/L	No
Boron	Jan - Dec 2015	0.0225 - 0.0234	mg/L	No
Cadmium	Jan - Dec 2015	0 - 0	mg/L	No
Chromium	Jan - Dec 2015	0 - 0.0005	mg/L	No
Lead	Jan - Dec 2015	0 - 0	mg/L	No
Mercury	Jan - Dec 2015	0 - 0	mg/L	No
Selenium	Jan - Dec 2015	0 - 0.0007	mg/L	No
Sodium	Jan - Dec 2015	12.6 - 15.9	mg/L	No
Uranium	Jan - Dec 2015	0.0003 - 0.0004	mg/L	No
Nitrite	Jan - Dec 2015	0 - 0.005	mg/L	No
Nitrate	Jan - Dec 2015	0.35 - 0.47	mg/L	No

**Summary of Lead (Pb) testing under Schedule 15.1 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	Number of Samples	Range of Lead Results (min.) - (max.)	Unit of Measure	Number of Exceedances
*Plumbing				
*Distribution				

**\*Note:** Refer to Toronto DS (Distribution System) Annual Report for Lead (Pb) testing data



**Summary of Organic parameters sampled during this reporting period or the most recent sample results**

**Note:** A result of zero indicates that the result obtained was below the method detection / reporting limit.

Parameter	Sample Date	Result Value (min.) - (max.)	Unit of Measure	Exceedance
Alachlor	Jan - Dec 2015	0 - 0	µg/L	No
Aldicarb	Jan - Dec 2015	0 - 0	µg/L	No
Aldrin + Dieldrin	Jan - Dec 2015	0 - 0	µg/L	No
Atrazine + N-dealkylated metabolites	Jan - Dec 2015	0.043 - 0.06	µg/L	No
Azinphos-methyl	Jan - Dec 2015	0 - 0	µg/L	No
Bendiocarb	Jan - Dec 2015	0 - 0	µg/L	No
Benzene	Jan - Dec 2015	0 - 0	µg/L	No
Benzo(a)pyrene	Jan - Dec 2015	0 - 0	µg/L	No
Bromoxynil	Jan - Dec 2015	0 - 0	µg/L	No
Carbaryl	Jan - Dec 2015	0 - 0	µg/L	No
Carbofuran	Jan - Dec 2015	0 - 0	µg/L	No
Carbon Tetrachloride	Jan - Dec 2015	0 - 0	µg/L	No
Chlordane (Total)	Jan - Dec 2015	0 - 0	µg/L	No
Chlorpyrifos	Jan - Dec 2015	0 - 0	µg/L	No
Cyanazine	Jan - Dec 2015	0.0009 - 0.001	µg/L	No
Diazinon	Jan - Dec 2015	0 - 0	µg/L	No
Dicamba	Jan - Dec 2015	0 - 0	µg/L	No
1,2-Dichlorobenzene	Jan - Dec 2015	0 - 0	µg/L	No
1,4-Dichlorobenzene	Jan - Dec 2015	0 - 0	µg/L	No
Dichlorodiphenyltrichloroethane (DDT) + metabolites	Jan - Dec 2015	0 - 0	µg/L	No
1,2-Dichloroethane	Jan - Dec 2015	0 - 0	µg/L	No
1,1-Dichloroethylene (vinylidene chloride)	Jan - Dec 2015	0 - 0	µg/L	No
Dichloromethane	Jan - Dec 2015	0 - 0.2	µg/L	No
2,4-Dichlorophenol	Jan - Dec 2015	0 - 0	µg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	Jan - Dec 2015	0 - 0	µg/L	No
Diclofop-methyl	Jan - Dec 2015	0 - 0	µg/L	No
Dimethoate	Jan - Dec 2015	0 - 0	µg/L	No
Dinoseb	Jan - Dec 2015	0 - 0	µg/L	No
Diquat	Jan - Dec 2015	0 - 0	µg/L	No
Diuron	Jan - Dec 2015	0 - 0	µg/L	No
Glyphosate	Jan - Dec 2015	0 - 0	µg/L	No
Heptachlor + Heptachlor Epoxide	Jan - Dec 2015	0 - 0	µg/L	No
Lindane (Total)	Jan - Dec 2015	0 - 0	µg/L	No
Malathion	Jan - Dec 2015	0 - 0	µg/L	No
Methoxychlor	Jan - Dec 2015	0 - 0	µg/L	No



Metolachlor	Jan - Dec 2015	0.0018 - 0.0023	µg/L	No
Metribuzin	Jan - Dec 2015	0 - 0	µg/L	No
Monochlorobenzene	Jan - Dec 2015	0 - 0	µg/L	No
Paraquat	Jan - Dec 2015	0 - 0	µg/L	No
Parathion	Jan - Dec 2015	0 - 0	µg/L	No
Pentachlorophenol	Jan - Dec 2015	0 - 0	µg/L	No
Phorate	Jan - Dec 2015	0 - 0	µg/L	No
Picloram	Jan - Dec 2015	0 - 0	µg/L	No
Polychlorinated Biphenyls(PCB)	Jan - Dec 2015	0 - 0	µg/L	No
Prometryne	Jan - Dec 2015	0 - 0	µg/L	No
Simazine	Jan - Dec 2015	0.0012 - 0.0016	µg/L	No
THM (Note: show latest annual average)	Jan - Dec 2015	6.5	µg/L	No
Temephos	Jan - Dec 2015	0 - 0	µg/L	No
Terbufos	Jan - Dec 2015	0 - 0	µg/L	No
Tetrachloroethylene	Jan - Dec 2015	0 - 0	µg/L	No
2,3,4,6-Tetrachlorophenol	Jan - Dec 2015	0 - 0	µg/L	No
Triallate	Jan - Dec 2015	0 - 0	µg/L	No
Trichloroethylene	Jan - Dec 2015	0 - 0	µg/L	No
2,4,6-Trichlorophenol	Jan - Dec 2015	0 - 0	µg/L	No
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	Jan - Dec 2015	0 - 0	µg/L	No
Trifluralin	Jan - Dec 2015	0 - 0	µg/L	No
Vinyl Chloride	Jan - Dec 2015	0 - 0	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.**

<b>Parameter</b>	<b>Result Value (min.) - (max.)</b>	<b>Unit of Measure</b>	<b>Date of Sample</b>
NONE			



**CITY OF TORONTO DRINKING WATER SYSTEM ANNUAL REPORT**

<b>Drinking-Water System Number:</b>	<b>260090363</b>
<b>Drinking-Water System Name:</b>	City of Toronto Drinking Water System – Toronto DS
<b>Drinking-Water System Owner:</b>	City of Toronto
<b>Drinking-Water System Category:</b>	Large Municipal Residential
<b>Period being reported:</b>	January 1, 2015 to December 31, 2015

<p><b><u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u></b></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> <table border="1" style="width: 100%;"> <tr> <td>Metro Hall 55 John Street Toronto, Ontario M5V 3C6</td> </tr> </table>	Metro Hall 55 John Street Toronto, Ontario M5V 3C6	<p><b><u>Complete for all other Categories.</u></b></p> <p>Number of Designated Facilities served:  <table border="1" style="width: 100%; height: 20px;"> <tr> <td></td> </tr> </table> </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:  <table border="1" style="width: 100%; height: 20px;"> <tr> <td></td> </tr> </table> </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>		
Metro Hall 55 John Street Toronto, Ontario M5V 3C6				

**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 of their drinking water from your system:

Drinking Water System Name	Drinking Water System Number
Region of York – receives some of their water from Toronto	260001929

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 of its drinking water?  
 Yes [X] No [ ]

Indicate how you notified system users that your annual report is available, and is free of charge.

[X] Public access/notice via the web  
 [X] 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**

Toronto Water Supply System consists of four water treatment plants, 18 pumping stations, 10 major underground storage reservoirs, four elevated storage tanks and approximately 520 kilometers of trunk watermains and 5,525 kilometers of distribution watermains.

Working from eight facilities across the city, District Operations staff inspects, operate and maintain the existing water distribution and wastewater collection systems as well as stormwater management facilities.

There are four (4) Toronto Water Treatment plants:

- R.L. Clark Water Treatment Plant (Rated Capacity of 615,000 m3/day) and is located at 45 Twenty Third Street, Toronto
- R.C. Harris Water Treatment Plant (Rated Capacity of 950,000 m3/day) and is located at 2701 Queen Street East, Toronto
- F.J. Horgan Water Treatment Plant (Rated Capacity of 800,000 m3/day) and is located at 201 Copperfield Road, Toronto
- Island Water Treatment Plant (Rated Capacity of 410,000 m3/day) and is located on Centre Island, Toronto

**List all water treatment chemicals used over this reporting period**

N/A

**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**

Please note that the following amounts relate to various projects during 2015 and do not represent the total project costs. These numbers do not include normal operating and maintenance costs.

**District Operations (Distribution):**

Watermain Replacement	\$51.9 million
Water Service Replacement	\$23.8 million
Watermain Rehabilitation	\$40.7 million

**Water Supply:**

Cast Iron Trunk Main Replacement	\$9.0 million
Transmission Facility Rehabilitation	\$5.6 million
Transmission Main Rehabilitation	\$0.62 million

**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**

**Note:** "Incident date" is the date adverse result was reported to MOECC-SAC. "Corrective action date" is the date the location was resampled.

<b>Incident Date</b>	<b>Parameter</b>	<b>Result</b>	<b>Unit of Measure</b>	<b>Corrective Action</b>	<b>Corrective Action Date</b>
1-Jan-15	E. Coli / Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	1-Jan-15
1-Jan-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	2-Jan-15
3-Jan-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	4-Jan-15
4-Jan-15	Total Coliform	Presence	Result in 100 mL sample	Watermain Isolated	6-Jan-15
5-Jan-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	5-Jan-15
5-Jan-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	5-Jan-15
6-Jan-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	6-Jan-15
6-Jan-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	6-Jan-15
7-Jan-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	7-Jan-15
8-Jan-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	8-Jan-15
8-Jan-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	8-Jan-15
8-Jan-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	9-Jan-15
9-Jan-15	Total Coliform	Presence	Result in 100 mL sample	Hydrant taken out of service	9-Jan-15
9-Jan-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	11-Jan-15
11-Jan-15	Total Coliform	Presence	Result in 100 mL sample	Hydrant taken out of service	12-Jan-15
12-Jan-15	Combined Chlorine Residual	<0.25	mg/L	Flushed watermain and resampled. Results Acceptable.	12-Jan-15
4-Mar-15	Analyzer failure –total chlorine residual not available	<0.25	mg/L	Communication loss with Dufferin Reservoir restored	4-Mar-15



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8-Apr-15	Lead	>0.010	mg/L	Flushed watermain and resampled. Results Acceptable.	9-Apr-15
17-Apr-15	Lead	>0.010	mg/L	Flushed watermain and resampled. Results Acceptable.	22-Apr-15
17-Apr-15	Lead	>0.010	mg/L	Flushed watermain and resampled. Results Acceptable.	22-Apr-15
4-May-15	Combined Chlorine Residual	<0.25	mg/L	Flushed watermain and resampled. Results Acceptable.	5-May-15
14-May-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	14-May-15
15-May-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	15-May-15
15-May-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	19-May-15
30-May-15	Analyzer failure – total chlorine residual not available	<0.25	mg/L	Analyzer calibrated and chlorine residual checked. Results acceptable	1-Jun-15
4-Jun-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	5-Jun-15
5-Jun-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	6-Jun-15
7-Jun-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	7-Jun-15
26-Jun-15	E. Coli / Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	26-Jun-15
27-Jun-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	28-Jun-15
28-Jun-15	E. Coli / Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	29-Jun-15
30-Jun-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	29-Jun-15
1-Jul-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	30-Jun-15
1-Jul-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	2-Jul-15
1-Jul-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	30-Jun-15





1-Jul-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	30-Jun-15
1-Jul-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	2-Jul-15
1-Jul-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	2-Jul-15
2-Jul-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	5-Jul-15
2-Jul-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	2-Jul-15
2-Jul-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable	8-Jul-15
3-Jul-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results acceptable	3-Jul-15
3-Jul-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	3-Jul-15
3-Jul-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	3-Jul-15
7-Jul-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	8-Jul-15
8-Jul-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	8-Jul-15
9-Jul-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	9-Jul-15
23-Jul-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	23-Jul-15
23-Jul-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	23-Jul-15
25-Jul-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable	24-Jul-15
26-Jul-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	27-Jul-15
29-Jul-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	29-Jul-15
29-Jul-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	29-Jul-15
29-Jul-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	29-Jul-15



30-Jul-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	30-Jul-15
30-Jul-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	30-Jul-15
30-Jul-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	31-Jul-15
31-Jul-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	30-Jul-15
31-Jul-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	30-Jul-15
1-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	31-Jul-15
1-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	31-Jul-15
1-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	31-Jul-15
2-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	2-Aug-15
2-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	2-Aug-15
2-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	2-Aug-15
2-Aug-15	E. Coli / Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	2-Aug-15
4-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	4-Aug-15
4-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	4-Aug-15
4-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	5-Aug-15
4-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	4-Aug-15
5-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled..	5-Aug-15
7-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	7-Aug-15
7-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	6-Aug-15
8-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	7-Aug-15
8-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	7-Aug-15



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9-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	8-Aug-15
9-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	8-Aug-15
11-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	11-Aug-15
11-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	11-Aug-15
12-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	13-Aug-15
12-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	13-Aug-15
13-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	13-Aug-15
13-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	13-Aug-15
14-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	14-Aug-15
15-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	14-Aug-15
15-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	14-Aug-15
15-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	14-Aug-15
15-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	16-Aug-15
15-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	16-Aug-15
16-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	16-Aug-15
16-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	14-Aug-15
16-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	17-Aug-15
16-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	18-Aug-15
16-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	14-Aug-15
16-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	17-Aug-15
17-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	18-Aug-15



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18-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	17-Aug-15
18-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	17-Aug-15
18-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	17-Aug-15
18-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	17-Aug-15
18-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	17-Aug-15
19-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	20-Aug-15
19-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Blow off and Hydrant isolated from active distribution system	19-Aug-15
19-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	20-Aug-15
19-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	19-Aug-15
19-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	19-Aug-15
19-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Hydrant Isolated	19-Aug-15
19-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	20-Aug-15
20-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	20-Aug-15
21-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	21-Aug-15
21-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Blow off and section of watermain isolated from active distribution system	25-Aug-15
22-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	19-Aug-15
22-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	24-Aug-15
22-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	21-Aug-15
22-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	23-Aug-15
23-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	19-Aug-15
23-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	24-Aug-15



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26-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	28-Aug-15
26-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	28-Aug-15
26-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	26-Aug-15
26-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	26-Aug-15
28-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	28-Aug-15
28-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	27-Aug-15
29-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	28-Aug-15
30-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	30-Aug-15
30-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	30-Aug-15
30-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	31-Aug-15
30-Aug-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	30-Aug-15
4-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	8-Sep-15
5-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	5-Sep-15
5-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	5-Sep-15
7-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	9-Sep-15
10-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	10-Sep-15
11-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	11-Sep-15
12-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	12-Sep-15
13-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	14-Sep-15
14-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	15-Sep-15



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14-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	15-Sep-15
14-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	15-Sep-15
16-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Resampled.	15-Sep-15
17-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	16-Sep-15
17-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	16-Sep-15
17-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	16-Sep-15
17-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Sample line flushed and Resampled.	16-Sep-15
17-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	16-Sep-15
18-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Resample results acceptable. Blow off isolated from active distribution system Sep 21	17-Sep-15
18-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Sample line Flushed and resampled.	18-Sep-15
18-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	17-Sep-15
18-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	17-Sep-15
18-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	17-Sep-15
18-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	19-Sep-15
18-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	19-Sep-15
18-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	17-Sep-15
19-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	18-Sep-15
19-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	18-Sep-15
19-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	18-Sep-15
19-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	18-Sep-15
19-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	24-Sep-15
20-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Hydrant isolated and re-disinfected	21-Sep-15
20-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	26-Sep-15





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20-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	26-Sep-15
20-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	26-Sep-15
20-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	26-Sep-15
23-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	25-Sep-15
24-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	24-Sep-15
24-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	24-Sep-15
25-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	25-Sep-15
25-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	25-Sep-15
26-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	26-Sep-15
26-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Sample line disinfected and Flushed and resampled. Results Acceptable.	26-Sep-15
27-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	26-Sep-15
27-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	26-Sep-15
28-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	28-Sep-15
28-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	28-Sep-15
28-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	28-Sep-15
28-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	28-Sep-15
28-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	29-Sep-15
28-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	28-Sep-15
28-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	28-Sep-15
28-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	28-Sep-15
28-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	28-Sep-15
28-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	28-Sep-15
30-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	29-Sep-15
30-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	29-Sep-15



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30-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	29-Sep-15
30-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	29-Sep-15
30-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	1-Oct-15
30-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	29-Sep-15
30-Sep-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	29-Sep-15
1-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	1-Oct-15
1-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	1-Oct-15
1-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	1-Oct-15
1-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	1-Oct-15
1-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	1-Oct-15
1-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	1-Oct-15
1-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	1-Oct-15
3-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	2-Oct-15
3-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	2-Oct-15
3-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	2-Oct-15
3-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	2-Oct-15
4-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	5-Oct-15
4-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	5-Oct-15
4-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	14-Oct-15
4-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	5-Oct-15
7-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	6-Oct-15
7-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	6-Oct-15
7-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	6-Oct-15
7-Oct-15	E. Coli / Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	8-Oct-15



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8-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	9-Oct-15
8-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	8-Oct-15
8-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	8-Oct-15
8-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	8-Oct-15
9-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	9-Oct-15
9-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	9-Oct-15
9-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	9-Oct-15
10-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	9-Oct-15
10-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	9-Oct-15
10-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	9-Oct-15
10-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	9-Oct-15
10-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	9-Oct-15
10-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	13-Oct-15
10-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	11-Oct-15
11-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	14-Oct-15
11-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	14-Oct-15
11-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Hydrant re-disinfected Flushed watermain and resampled. Results Acceptable.	17-Dec15
11-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Hydrant re-disinfected Flushed watermain and resampled. Results Acceptable.	17-Dec15
11-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Hydrant re-disinfected Flushed watermain and resampled. Results Acceptable.	17-Dec15
11-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	11-Oct-15



# Ontario Drinking-Water Systems Regulation O. Reg. 170/03

13-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	13-Oct-15
14-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	14-Oct-15
16-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	15-Oct-15
16-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	19-Oct-15
16-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	19-Oct-15
16-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Watermain taken out of service Oct 20 and re-disinfected. Flushed watermain and resampled. Results Acceptable.	2-Dec-15
16-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	16-Oct-15
16-Oct-15	Combined Chlorine Residual	<0.25	mg/L	Flushed watermain and resampled. Results Acceptable.	16-Oct-15
23-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	23-Oct-15
23-Oct-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	23-Oct-15
31-Oct-15	Analyzer failure – total chlorine residual not available	<0.25	mg/L	Analyzer calibrated and chlorine residual checked. Results acceptable	31-Oct-15
7-Nov-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	7-Nov-15
9-Nov-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	9-Nov-15
22-Nov-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	23-Nov-15
25-Nov-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	26-Nov-15
2-Dec-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	3-Dec-15

7-Dec-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	7-Dec-15
9-Dec-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	9-Dec-15
13-Dec-15	E. Coli / Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	13-Dec-15
17-Dec-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	18-Dec-15
17-Dec-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	18-Dec-15
17-Dec-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled.	18-Dec-15
20-Dec-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	19-Dec-15
23-Dec-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	23-Dec-15
24-Dec-15	Total Coliform	Presence	Result in 100 mL sample	Flushed watermain and resampled. Results Acceptable.	24-Dec-15

**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 Samples	Range of HPC Results (min.) - (max.)
*Distribution	4186	4185 A (99.9% A)	4172 A (99.7% A)	4186	0 - 6000
Transmission	1084	1084 A (100% A)	1081 A (99.7% A)	1084	0 - 1321
Main Work	1196	1193 A (99.7% A)	1120 A (93.6% A)	1195	0 - >5700
Resample and vicinity	691	690 A (99.9% A)	542 A (78.4% A)	691	0 - 3477

\*Note: "Distribution" includes samples submitted for Water Quality Inquiry as well as distribution samples.

**Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report.**

**Note:** A result of zero indicates that the result obtained was below the method detection / reporting limit.

**For Distribution**

	Number of Grab Samples	Range of Results (min.) - (max.)
Turbidity	4154	<0.1 – 4.67 NTU
Chlorine	4198	0.19 – 1.91 mg/L

**For Transmission**

	Number of Grab Samples	Range of Results (min.) - (max.)
Turbidity	1091	<0.1 – 4.34 NTU
Chlorine	1092	0.29 – 1.87 mg/L

**For Main Work**

	Number of Grab Samples	Range of Results (min.) - (max.)
Turbidity	1196	0 – 3.86 NTU
Chlorine	1200	0.41 – 1.80 mg/L

**For Resample/Vicinity**

	Number of Grab Samples	Range of Results (min.) - (max.)
Turbidity	699	<0.1 – 2.50 NTU
Chlorine	705	0.48 – 1.64 mg/L

**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	Result	Unit of Measure
None				

**Summary of Inorganic parameters tested during this reporting period or the most recent sample results for Transmission samples.**

**Note:** A result of zero indicates that the result obtained was below the method detection / reporting limit.

Parameter	Sample Date	Result Value (min.) - (max.)	Unit of Measure	Exceedance
Antimony				
Arsenic				
Barium				
Boron				
Cadmium				
Chromium				
*Lead				



Mercury				
Selenium				
Sodium	Jan – Dec 2015	12.8 – 17.8	mg/L	No
Uranium				
Fluoride				
Nitrite	Jan – Dec 2015	0 – 0.006	mg/L	No
Nitrate	Jan – Dec 2015	0.30 – 0.53	mg/L	No

**Summary of Lead (Pb) testing under Schedule 15.1 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	Number of Samples	Range of Lead Results (min.) - (max.)	Unit of Measure	Number of Exceedances
Plumbing				
Distribution	45	<0.00005 – 0.104	mg/L	3

\*Note: The City of Toronto has been granted Lead Regulatory Relief under Schedule D of the Municipal Drinking Water License.

**Summary of Organic parameters sampled during this reporting period or the most recent sample results for DISTRIBUTION samples**

Note: A result of zero indicates that the result obtained was below the method detection / reporting limit.

Parameter	Sample Date	Result Value (min.) - (max.)	Unit of Measure	Exceedance
Alachlor				
Aldicarb				
Aldrin + Dieldrin				
Atrazine + N-dealkylated metabolites				
Azinphos-methyl				
Bendiocarb				
Benzene	Jan-Dec 2015	0 – 0	mg/L	No
Benzo(a)pyrene				
Bromoxynil				
Carbaryl				
Carbofuran				
Carbon Tetrachloride	Jan-Dec 2015	0 – 0	mg/L	No
Chlordane (Total)				
Chlorpyrifos				
Cyanazine				
Diazinon				
Dicamba				
1,2-Dichlorobenzene	Jan-Dec 2015	0 – 0	mg/L	No
1,4-Dichlorobenzene	Jan-Dec 2015	0 – 0	mg/L	No
Dichlorodiphenyltrichloroethane (DDT) + metabolites				
1,2-Dichloroethane	Jan-Dec 2015	0 – 0	mg/L	No



1,1-Dichloroethylene (vinylidene chloride)	Jan-Dec 2015	0 – 0	mg/L	No
Dichloromethane	Jan-Dec 2015	0 – 0	mg/L	No
2,4-Dichlorophenol				
2,4-Dichlorophenoxy acetic acid (2,4-D)				
Diclofop-methyl				
Dimethoate				
Dinoseb				
Diquat				
Diuron				
Glyphosate				
Heptachlor + Heptachlor Epoxide				
Lindane (Total)				
Malathion				
Methoxychlor				
Metolachlor				
Metribuzin				
Monochlorobenzene	Jan-Dec 2015	0 – 0	mg/L	No
Paraquat				
Parathion				
Pentachlorophenol				
Phorate				
Picloram				
Polychlorinated Biphenyls (PCB)				
Prometryne				
Simazine				
THM (Note: show latest annual average)	Jan-Dec 2015	15.3	mg/L	No
Temphos				
Terbufos				
Tetrachloroethylene	Jan-Dec 2015	0 – 0	mg/L	No
2,3,4,6-Tetrachlorophenol				
Triallate				
Trichloroethylene	Jan-Dec 2015	0 – 0	mg/L	No
2,4,6-Trichlorophenol				
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)				
Trifluralin				
Vinyl Chloride	Jan-Dec 2015	0 – 0	mg/L	No

**Summary of Organic parameters sampled during this reporting period or the most recent sample results for TRANSMISSION (SUPPLY) samples.**

**Note:** A result of zero indicates that the result obtained was below the method detection / reporting limit.

Parameter	Sample Date	Result Value (min.) - (max.)	Unit of Measure	Exceedance
Alachlor				
Aldicarb				
Aldrin + Dieldrin				
Atrazine + N-dealkylated metabolites				
Azinphos-methyl				
Bendiocarb				
Benzene	Jan-Dec 2015	0 – 0	mg/L	No
Benzo(a)pyrene				
Bromoxynil				
Carbaryl				
Carbofuran				
Carbon Tetrachloride	Jan-Dec 2015	0 – 0	mg/L	No
Chlordane (Total)				
Chlorpyrifos				
Cyanazine				
Diazinon				
Dicamba				
1,2-Dichlorobenzene	Jan-Dec 2015	0 – 0	mg/L	No
1,4-Dichlorobenzene	Jan-Dec 2015	0 – 0	mg/L	No
Dichlorodiphenyltrichloroethane (DDT) + metabolites				
1,2-Dichloroethane	Jan-Dec 2015	0 – 0	mg/L	No
1,1-Dichloroethylene (vinylidene chloride)	Jan-Dec 2015	0 – 0	mg/L	No
Dichloromethane	Jan-Dec 2015	0 – 0	mg/L	No
2-4 Dichlorophenol				
2,4-Dichlorophenoxy acetic acid (2,4-D)				
Diclofop-methyl				
Dimethoate				
Dinoseb				
Diquat				
Diuron				
Glyphosate				
Heptachlor + Heptachlor Epoxide				
Lindane (Total)				
Malathion				
Methoxychlor				
Metolachlor				
Metribuzin				
Monochlorobenzene	Jan-Dec 2015	0 – 0	mg/L	No
Paraquat				



Parathion				
Pentachlorophenol				
Phorate				
Picloram				
Polychlorinated Biphenyls (PCB)				
Prometryne				
Simazine				
THM (Note: show latest annual average)	Jan-Dec 2015	17.9	mg/L	No
Temephos				
Terbufos				
Tetrachloroethylene	Jan-Dec 2015	0 – 0	mg/L	No
2,3,4,6-Tetrachlorophenol				
Triallate				
Trichloroethylene	Jan-Dec 2015	0 – 0	mg/L	No
2,4,6-Trichlorophenol				
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)				
Trifluralin				
Vinyl Chloride	Jan-Dec 2015	0 – 0	mg/L	No

**List any Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards.**

<b>Parameter</b>	<b>Result Value</b>	<b>Unit of Measure</b>	<b>Date of Sample</b>
NONE			