



ANNUAL REPORT

Drinking-Water System Number:	260005151
Drinking-Water System Name:	Schomberg
Drinking-Water System Owner:	Township of King
Drinking-Water System Category:	Large Municipal Residential
Period being reported:	January 1, 2020 to December 31, 2020

<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 [ ] No [ x ]</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> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">       Township of King        2585 King Road        King City, ON L7B 1A1        www.king.ca     </div>	<p><b><u>Complete for all other Categories.</u></b></p> <p>Number of Designated Facilities served:  <div style="border: 1px solid black; width: 100px; height: 20px; margin: 5px auto;"></div> </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:  <div style="border: 1px solid black; width: 100px; height: 20px; margin: 5px auto;"></div> </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>
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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

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 [ x ]

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

[x] 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: Standard of Care Update Bulletin to Council

**Describe your Drinking-Water System**

**Distribution System Class 1**  
 Receives all treated water from Region of York water treatment plant and wells. Secondary disinfection was provided by chloramination and has been measured as combined chlorine residual (chloramines).

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

Refer to York Region Annual Report for the Schomberg Water Supply System.

**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**

Jan. 23, 2020-Cooper Dr-Sample Station #2-Pipe Repair-\$1800.00  
 Sept. 10, 2020-209 Western Ave-Valve Flange Repair-\$9800.00

**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
Jan 20, 2020	Sodium	175	mg/L	Resampled and tested. Sodium fact sheet posted at location and Township website	Jan 30, 2020
Jun 25, 2020	Nitrite	1.11	mg/L	Flushed and resampled upstream and downstream	Jun 29, 2020
Sep 17, 2020	Nitrite	1.00	mg/L	Area swabbed, flushed	Sep 18,



				and resampled upstream and downstream	2020
Sep 17, 2020	Nitrite	1.12	mg/L	Area swabbed, flushed and resampled upstream and downstream	Sep 18, 2020
Sep 19, 2020	Nitrite	1.16	mg/L	Area swabbed, flushed and resampled upstream and downstream	Sep 23, 2020

**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 #)
<b>Raw</b>					
<b>Treated</b>					
<b>Distribution</b>	153	Absent	Absent	71	0-120

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

	Number of Grab Samples	Range of Results (min #)-(max #)	<i>NOTE: For continuous monitors use 8760 as the number of samples.</i>
<b>Turbidity</b>			
<b>Chlorine/Chloramines</b>	364	1.01 to 2.73 mg/l (chloramine)	
<b>Fluoride (If the DWS provides fluoridation)</b>			

**NOTE:** Record the unit of measure if it is **not** milligrams per litre.

**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

Summary of Inorganic parameters tested during this reporting period or the most recent sample results. **Township values reflect the latest sample and an average of the sample results. Refer to York Region’s Annual Report, available on their website, for complete test results.**



Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony				
Arsenic				
Barium				
Boron				
Cadmium				
Chromium				
*Lead				
Mercury				
Selenium				
Sodium				
Uranium				
Fluoride				
Nitrite	November 23, 2020	0.96	mg/L	None
Nitrate	November 23, 2020	<0.50	mg/L	None

\*only for drinking water systems testing under Schedule 15.2; this includes large municipal non-residential systems, small municipal non-residential systems, non-municipal seasonal residential systems, large non-municipal non-residential systems, and small non-municipal non-residential systems

**Summary of lead 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 - mg/L (min#) – (max #)	Number of Exceedances
Plumbing	0	NA	None
Distribution (Alkalinity and pH for both sessions)	4	NA	None

Summary of Organic parameters sampled during this reporting period or the most recent sample results. **Township values reflect the latest sample and an average of the sample results. Refer to York Region’s Annual Report, available on their website, for complete test results.**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor				
Aldicarb				
Aldrin + Dieldrin				
Atrazine + N-dealkylated metabolites				
Azinphos-methyl				
Bendiocarb				
Benzene				
Benzo(a)pyrene				



Bromoxynil				
Carbaryl				
Carbofuran				
Carbon Tetrachloride				
Chlordane (Total)				
Chlorpyrifos				
Cyanazine				
Diazinon				
Dicamba				
1,2-Dichlorobenzene				
1,4-Dichlorobenzene				
Dichlorodiphenyltrichloroethane (DDT) + metabolites				
1,2-Dichloroethane				
1,1-Dichloroethylene (vinylidene chloride)				
Dichloromethane				
2,4 Dichlorophenol				
2,4-Dichlorophenoxy acetic acid (2,4-D)				
Diclofop-methyl				
Dimethoate				
Dinoseb				
Diquat				
Diuron				
Glyphosate				
Haloacetic Acids (HAA)	Mar. 02 Jun 01 Aug. 31 Nov. 23	<8.0	µg/L	None
Heptachlor + Heptachlor Epoxide				
Lindane (Total)				
Malathion				
Methoxychlor				
Metolachlor				
Metribuzin				
Monochlorobenzene				
Paraquat				
Parathion				
Pentachlorophenol				
Phorate				
Picloram				
Polychlorinated Biphenyls(PCB)				
Prometryne				
Simazine				
THM (NOTE: show latest annual average)	Mar. 02 Jun. 01 Aug. 31 Nov. 23	3.33	µg/L	None



Temephos				
Terbufos				
Tetrachloroethylene				
2,3,4,6-Tetrachlorophenol				
Triallate				
Trichloroethylene				
2,4,6-Trichlorophenol				
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)				
Trifluralin				
Vinyl Chloride				

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	Unit of Measure	Date of Sample