



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, 2023 to December 31, 2023

<p><u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u></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;"> <p>Township of King 2585 King Road King City, ON L7B 1A1 www.king.ca</p> </div>	<p><u>Complete for all other Categories.</u></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
N/A	

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] NA

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, Report to Council**

Describe your Drinking-Water System

Distribution System Class 1
Receives all treated water from Region of York water treatment plant and groundwater 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

N/A

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
Apr-11-2023	Combined Chlorine	4.2	mg/L	Retook Chlorine residuals at every sample station in the DWS. Contacted Region to determine chlorine output (determined to be normal at around 3.4 mg/L at the time)	Apr-13-2023
Jul-17-2023	Total Coliform	Presence	Absent/ Present	Flush watermain. 1st set of re-samples collected on July 19th. Upstream, downstream and at adverse location. 2nd set of re-samples collected on July 20th. Upstream, downstream and at adverse location. Adverse location - S/S 2 Cooper Dr	Jul-19-2023
Jul-17-2023	Total Coliform	Presence	Absent/ Present	Flush watermain. 1st set of re-samples collected on July 19th. Upstream, downstream and at adverse location. 2nd set of re-samples collected on July 20th. Upstream, downstream and at adverse location. Adverse Location - SS 6 End of Roselena	Jul-19-2023

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	N/A				
Treated	N/A				
Distribution	207	Absent	Absent-Present	97	0-560

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 #)
Chloramine	384	1.66-4.20
Fluoride (If the DWS provides fluoridation)	N/A	

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

*Regulatory Relief granted by MECP for Max. Concentration of Chloramines of 4.0 mg/L per Schedule D of License 121-101 Issue 4.

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
Schedule C of License 121-101 Issue 4.	NDMA	Mar-01-2023	0.0009	µg/L
		Jun-07-2023	0.0011	
		Sep-05-2023	0.0015	
		Dec-04-2023	0.0009	
Schedule C of License 121-101 Issue 4.	Nitrite	Mar-01-2023	0.48	mg/L
		Jun-05-2023	0.54	
		Sep-05-2023	0.49	
		Dec-04-2023	0.5	

Summary of Inorganic parameters tested during this reporting period or the most recent sample results. **Township values reflect the latest sample. 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	Dec-04-2023	0.5	mg/L	None
Nitrate	Dec-04-2023	<0.5	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		N/A	
Distribution (Alkalinity)	0	N/A	None

Note that all four of the Township Drinking Water Systems are subject to the "exemption" protocols

Summary of Organic parameters sampled during this reporting period or the most recent sample results. **Township values an average of the sample results for the Report year. 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 Acid (HAA) Running annual average	Dec-04- 2023	8.6	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)	Dec-04- 2023	4.9	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
Nitrite	0.54	mg/L	Jun-05-2023