



ANNUAL REPORT

Drinking-Water System Number:	260005138
Drinking-Water System Name:	King City
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><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>
---	---

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 treated water from York Region Water System (Lake-Based Water).  
 Secondary disinfection is 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 King City 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**

2023-03-14 Watermain Repair, 270 Forde Cres - \$4,992.50
2023-03-21 Watermain Repair, 166 Patricia Dr. - \$8,470.00
2023-04-15 Watermain Repair, 47 Patton -\$8,842.25
2023-05-09 Watermain Repair, 236 Elizabeth Grove - \$7,717.9
2023-06-07 Watermain Repair, 27 Patton - \$4,810.98
2023-08-24 Watermain Repair, 142 Manitou Dr. - \$4,265.9
2023-10-06 Watermain Repair, King Road and Alex Campbell - \$13,959.67
2023-10-16 Watermain Repair, 236 Elizabeth Gr - \$10,893.77

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
2023-07-10	Total Coliforms	Prescence	Absent/ Present	Flush watermain. 1st set of re-samples collected on July 11th. Upstream, downstream and at adverse location. 2nd set of re-samples collected on July 13th. Upstream, downstream and at adverse location. <b>Adverse Location - S/S 9 James Stokes Court</b>	2023-07-11
2023-07-10	Total Coliforms	Prescence	Absent/ Present	Flush watermain. 1st set of re-samples collected on July 11th. Upstream, downstream and at adverse location. 2nd set of re-samples collected on July 13th. Upstream, downstream and at adverse location. <b>Adverse Location - S/S 8 Austin Rumble Court</b>	2023-07-11
2023-07-17	Total Coliforms	Prescence	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. <b>Adverse location - S/S 6 Tatton Court</b>	2023-07-24

**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>	N/A				
<b>Treated</b>	N/A				
<b>Distribution</b>	208	Absent	Absent - Present	89	0-12

**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>Chloramine</b>	382	0.87 – 2.51 (Combined)	
<b>Fluoride</b> (If the DWS provides fluoridation)	N/A		

**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 121-103 Issue 3.	NDMA	2023-03-01	0.0009	µg/L
		2023-06-05	0.001	
		2023-09-05	0.0009	
		2023-12-04	0.0009	



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				
Nitrate				

\*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	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) (NOTE: show latest annual average)	2023-12-04	8.8	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)	2023-12-04	20.4	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
N/A			