



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

OPTIONAL ANNUAL REPORT TEMPLATE

Drinking-Water System Number:	260001747
Drinking-Water System Name:	Holland-Queensville-Sharon Water Distribution System
Drinking-Water System Owner:	The Town of East Gwillimbury
Drinking-Water System Category:	Distribution
Period being reported:	January 01, 2022 to December 31, 2022

<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 <input checked="" type="checkbox"/> No <input type="checkbox"/></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 <input type="checkbox"/></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;"> <p>East Gwillimbury Operations Centre 19850 Woodbine Ave, Queensville, ON L0G 1R0</p> <p>www.eastgwillimbury.ca/en/municipal-services/drinking-water-annual-reports.aspx</p> </div>	<p><u>Complete for all other Categories.</u></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 <input type="checkbox"/> No <input type="checkbox"/></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 <input type="checkbox"/> No <input type="checkbox"/></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
119 Peter Street Condominium Distribution System	260095485

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 _____



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Describe your Drinking-Water System

The “Holland Landing/ Queensville/ Sharon” Water Distribution System services 4 distinct areas:

1. Community of Holland Landing
2. Community of Sharon
3. Community of Queensville
4. Bales Drive Industrial Area

At the end of 2022, the system serviced 7,557 water accounts or approximately 24,182 persons. The communities are joined via York Region owned and operated transmission mains.

The Holland Landing/ Queensville/ Sharon drinking water system is operated as a chloraminated drinking water system and receives ground water from the two (2) York Region wells in Holland Landing and four (4) York Region wells in Queensville. Additionally, this system receives a blended source of surface water from Lake Ontario water and ground water by way of Leslie Street and Woodbine Avenue from the Town of Newmarket.

The Town staff that operate and maintain the distribution system are certified and licensed by the Ontario Ministry of the Environment, Conservation and Parks (MECP). The Town specifically operates and maintains the watermains (except those owned by the Region), valves, hydrants, automatic flushing units and service connections to the end users.

List all water treatment chemicals used over this reporting period

No additional chemicals are added to treated waters received from York Region

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

Location	Description	Cost

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
05-27-2022	Chlorine Residual	0.16	mg/ L	Watermain flushed at location of adverse. Resample from location of adverse and upstream/ downstream.	05-27-2022
06-01-2022	Chlorine Residual	0.16	mg/ L	Hydrant nearest to the sample station was flushed. Re-sample taken at the location of original adverse result, upstream and downstream.	06-01-2022

07-25-2022	Chlorine Residual	0.18	mg/ L	Flushing performed at hydrant nearest to the sample station immediately after recording adverse. Resampling at hydrant upstream, downstream, and location of adverse.	07-25-2022
08-17-2022	Chlorine Residual	0.23	mg/ L	Flushing performed at dead end hydrant downstream of the sample station immediately after recording adverse. Resampled from hydrant and location of original adverse.	08-17-2022
09-06-2022	Chlorine Residual	0.2	mg/ L	Watermain flushed at location of adverse. Resample from location of adverse and upstream/ downstream.	09-06-2022
10-03-2022	Chlorine Residual	0.11	mg/ L	Watermain flushed at location of adverse. Resample from location of adverse and upstream/ downstream.	10-03-2022
10-07-2022	Chlorine Residual	0.11	mg/ L	Watermain flushed at location of adverse. Resample from location of adverse and upstream/ downstream.	10-07-2022
10-13-2022	Chlorine Residual	0.02	mg/ L	Watermain flushed at location of adverse. Resample from location of adverse and upstream/ downstream.	10-13-2022
10-14-2022	Chlorine Residual	0.1	mg/ L	Watermain flushed at location of adverse. Resample from location of adverse and upstream/ downstream.	10-14-2022
10-26-2022	Chlorine Residual	0.15	mg/ L	Watermain flushed at the dead-end in area of adverse location. Resampled from location of adverse and downstream.	10-26-2022
11-02-2022	Chlorine Residual	0.05	mg/ L	Watermain flushed at location of adverse. Resample from location of adverse and upstream/ downstream.	11-02-2022
11-03-2022	Chlorine Residual	0.01	mg/ L	Watermain flushed at location of adverse. Resample from location of adverse and upstream/ downstream.	11-03-2022
11-04-2022	Chlorine Residual	0.12	mg/ L	Watermain flushed at location of adverse. Resample from location of adverse and upstream/ downstream.	11-04-2022
11-08-2022	Chlorine Residual	0.15	mg/ L	Watermain flushed at location of adverse. Resample from location of adverse and upstream/ downstream.	11-08-2022
11-09-2022	Chlorine Residual	0.23	mg/ L	Watermain flushed at location of adverse. Resample from location of adverse and upstream/ downstream.	11-09-2022



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11-09-2022	Chlorine Residual	0.16	mg/ L	Watermain flushed at location of adverse. Resample from location of adverse and upstream/ downstream.	11-09-2022
11-11-2022	Chlorine Residual	0.15	mg/ L	Watermain flushed at location of adverse. Resample from location of adverse and upstream/ downstream.	11-11-2022
11-11-2022	Chlorine Residual	0.19	mg/ L	Watermain flushed at location of adverse. Resample from location of adverse and upstream/ downstream.	11-11-2022
11-17-2022	Chlorine Residual	0.15	mg/ L	Watermain flushed at location of adverse. Resample from location of adverse and upstream/ downstream.	11-17-2022
11-17-2022	Chlorine Residual	0.22	mg/ L	Watermain flushed at location of adverse. Resample from location of adverse and upstream/ downstream.	11-17-2022
11-18-2022	Chlorine Residual	0.15	mg/ L	Watermain flushed at location of adverse. Resample from location of adverse and upstream/ downstream.	11-18-2022
11-18-2022	Chlorine Residual	0.12	mg/ L	Watermain flushed at location of adverse. Resample from location of adverse and upstream/ downstream.	11-18-2022
11-20-2022	Chlorine Residual	0.18	mg/ L	Watermain flushed at location of adverse. Resample from location of adverse and upstream/ downstream.	11-20-2022
11-21-2022	Chlorine Residual	0.06	mg/ L	Watermain flushed at location of adverse. Resample from location of adverse and upstream/ downstream.	11-21-2022
11-22-2022	Chlorine Residual	0.08	mg/ L	Watermain flushed at location of adverse. Resample from location of adverse and upstream/ downstream.	11-22-2022
11-22-2022	Chlorine Residual	0.16	mg/ L	Watermain flushed at location of adverse. Resample from location of adverse and upstream/ downstream.	11-22-2022
11-23-2022	Chlorine Residual	0.1	mg/ L	Watermain flushed at location of adverse. Resample from location of adverse and upstream/ downstream.	11-23-2022
11-24-2022	Chlorine Residual	0.1	mg/ L	Watermain flushed at location of adverse. Resample from location of adverse and upstream/ downstream.	11-24-2022
11-25-2022	Chlorine Residual	0.17	mg/ L	Watermain flushed at location of adverse. Resample from location of adverse and upstream/ downstream.	11-25-2022



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11-30-2022	Chlorine Residual	0.08	mg/ L	Watermain flushed at location of adverse. Resample from location of adverse and upstream/ downstream.	11-30-2022
12-05-2022	Chlorine Residual	0.08	mg/ L	Watermain flushed at location of adverse. Resample from location of adverse and upstream/ downstream.	12-05-2022
12-12-2022	Chlorine Residual	0.2	mg/ L	Watermain flushed at location of adverse. Resample from location of adverse and upstream/ downstream.	12-12-2022
12-19-2022	Chlorine Residual	0.18	mg/ L	Watermain flushed at the dead-end in area of adverse location. Resampled from location of adverse and downstream.	12-19-2022

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	423	0	0	212	0-52

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 #)
Turbidity	N/A	
Chlorine	3292	0.05*-2.47 Combined
Fluoride (If the DWS provides fluoridation)	N/A	

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

*Detected in chlorine residual sampling, see incidents reported above under Schedule 16.

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
N/A				

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	N/A			
Arsenic	N/A			
Barium	N/A			
Boron	N/A			
Cadmium	N/A			

Chromium	N/A			
*Lead	N/A			
Mercury	N/A			
Selenium	N/A			
Sodium	N/A			
Uranium	N/A			
Fluoride	N/A			
Nitrite	N/A			
Nitrate	N/A			

*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-Round 1	Number of Samples-Round 2	Range of Lead Results (min#) – (max #) in mg/L	Number of Exceedances
Distribution System	4	4	<0.0005	0

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	N/A			
Aldicarb	N/A			
Aldrin + Dieldrin	N/A			
Atrazine + N-dealkylated metabolites	N/A			
Azinphos-methyl	N/A			
Bendiocarb	N/A			
Benzene	N/A			
Benzo(a)pyrene	N/A			
Bromoxynil	N/A			
Carbaryl	N/A			
Carbofuran	N/A			
Carbon Tetrachloride	N/A			
Chlordane (Total)	N/A			
Chlorpyrifos	N/A			
Cyanazine	N/A			
Diazinon	N/A			
Dicamba	N/A			
1,2-Dichlorobenzene	N/A			
1,4-Dichlorobenzene	N/A			
Dichlorodiphenyltrichloroethane (DDT) + metabolites	N/A			
1,2-Dichloroethane	N/A			
1,1-Dichloroethylene (vinylidene chloride)	N/A			
Dichloromethane	N/A			
2-4 Dichlorophenol	N/A			



2,4-Dichlorophenoxy acetic acid (2,4-D)	N/A			
Diclofop-methyl	N/A			
Dimethoate	N/A			
Dinoseb	N/A			
Diquat	N/A			
Diuron	N/A			
Glyphosate	N/A			
Heptachlor + Heptachlor Epoxide	N/A			
Lindane (Total)	N/A			
Malathion	N/A			
Methoxychlor	N/A			
Metolachlor	N/A			
Metribuzin	N/A			
Monochlorobenzene	N/A			
Paraquat	N/A			
Parathion	N/A			
Pentachlorophenol	N/A			
Phorate	N/A			
Picloram	N/A			
Polychlorinated Biphenyls(PCB)	N/A			
Prometryne	N/A			
Simazine	N/A			
THM (Total)				
	21/03/2022	12.3	ug/L	
	21/03/2022	26.5	ug/L	
	27/06/2022	17.7	ug/L	
	27/06/2022	20.7	ug/L	
	12/09/2022	18.2	ug/L	
	12/09/2022	18	ug/L	
	14/11/2022	17.7	ug/L	
	14/11/2022	18.5	ug/L	
HAA (Total)				
	17/01/2022	9.6	ug/L	
	17/01/2022	9	ug/L	
	19/04/2022	9	ug/L	
	19/04/2022	<8.0	ug/L	
	19/07/2022	9.7	ug/L	
	19/07/2022	8	ug/L	
	24/10/2022	<8.0	ug/L	



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	24/10/2022	<8.0	ug/L	
Temephos	N/A			
Terbufos	N/A			
Tetrachloroethylene	N/A			
2,3,4,6-Tetrachlorophenol	N/A			
Triallate	N/A			
Trichloroethylene	N/A			
2,4,6-Trichlorophenol	N/A			
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	N/A			
Trifluralin	N/A			
Vinyl Chloride	N/A			

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			