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, 2024 to December 31, 2024

Complete if your Category is Large Municipal Residential or Small Municipal Residential

Does your Drinking-Water System serve more than 10,000 people? Yes [X] No [ ]

Is your annual report available to the public at no charge on a web site on the Internet?
Yes [X] No [ ]

Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.

East Gwillimbury Civic Centre 19000 Leslie St., Sharon, ON L0G 1V0

www.eastgwillimbury.ca/en/municipal-services/drinking-water-annual-reports.aspx

Complete for all other Categories.

Number of Designated Facilities served:

Did you provide a copy of your annual report to all Designated Facilities you serve?
Yes [ ] No [ ]

Number of Interested Authorities you report to:

Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility?
Yes [ ] No [ ]

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

*Note this system was fragmented from Drinking Water System No. 260001747 on June 14, 2024.

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
- [X] Public access/notice via Public Request
- [ ] Public access/notice via a Public Library
- [ ] Public access/notice via other method _____

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 2024, the system serviced 8,209 water accounts or approximately 26,269 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 Number	Incident Date	Parameter	Result	Corrective Action	Resolution Date
164279	1-03-2024	Chlorine Residual	0.17mg/L	Flushed, re-sampled, restored chlorine residual to area.	1-03-2024
164432	1-31-2024	Chlorine Residual	0.13mg/L	Flushed, re-sampled, restored chlorine residual to area.	1-31-2024
164689	03-27-2024	Chlorine Residual	0.15mg/L	Flushed, re-sampled, restored chlorine residual to area.	03-27-2024
165039	5-27-2024	Chlorine Residual	0.11mg/L	Flushed, re-sampled, restored chlorine residual to area.	5-27-2024
165113	6-3-2024	Chlorine Residual	0.22mg/L	Flushed, re-sampled, restored chlorine residual to area.	6-3-2024

165222	6-17-2024	Chlorine Residual	0.23mg/L	Flushed, re-sampled, restored chlorine residual to area.	6-17-2024
165261	6-20-2024	Chlorine Residual	0.10mg/L	Flushed, re-sampled, restored chlorine residual to area.	6-20-2024
165373	6-27-2024	Chlorine Residual	0.13mg/L	Flushed, re-sampled, restored chlorine residual to area.	6-27-2024
165429	7-2-2024	Total Coliform	Present	Flushed, re-sampled, and tested location of exceedance as well as upstream and downstream locations.	7-4-2024
165527	7-11-2024	Chlorine Residual	0.22mg/L	Flushed, re-sampled, restored chlorine residual to area.	7-11-2024
165655	7-18-2024	Chlorine Residual	0.17mg/L	Flushed, re-sampled, restored chlorine residual to area.	7-18-2024
165758	7-25-2024	Chlorine Residual	0.21mg/L	Flushed, re-sampled, restored chlorine residual to area.	7-25-2024
165847	7-31-2024	Chlorine Residual	0.03mg/L	Flushed, re-sampled, restored chlorine residual to area.	7-31-2024
165899	8-6-2024	Chlorine Residual	0.08mg/L	Flushed, re-sampled, restored chlorine residual to area.	8-6-2024
166064	8-22-2024	Chlorine Residual	0.09mg/L	Flushed, re-sampled, restored chlorine residual to area.	8-22-2024
166093	8-26-2024	Chlorine Residual	0.10mg/L	Flushed, re-sampled, restored chlorine residual to area.	8-26-2024
166113	8-28-2024	Chlorine Residual	0.22mg/L	Flushed, re-sampled, restored chlorine residual to area.	8-28-2024
166149	8-29-2024	Chlorine Residual	0.07mg/L	Flushed, re-sampled, restored chlorine residual to area.	8-29-2024
166175	9-3-2024	Chlorine Residual	0.06mg/L	Flushed, re-sampled, restored chlorine residual to area.	9-3-2024
166201	9-5-2024	Chlorine Residual	0.17mg/L	Flushed, re-sampled, restored chlorine residual to area.	9-5-2024
166224	9-6-2024	Chlorine Residual	0.00mg/L	Flushed, re-sampled, restored chlorine residual to area.	9-6-2024
166244	9-9-2024	Chlorine Residual	0.07mg/L	Flushed, re-sampled, restored chlorine residual to area.	9-9-2024
166317	9-16-2024	Chlorine Residual	0.23mg/L	Flushed, re-sampled, restored chlorine residual to area.	9-16-2024
166324	9-16-2024	Chlorine Residual	0.13mg/L	Flushed, re-sampled, restored chlorine residual to area.	9-16-2024
166366	9-19-2024	Chlorine Residual	0.18mg/L	Flushed, re-sampled, restored chlorine residual to area.	9-19-2024
166409	9-23-2024	Chlorine Residual	0.08mg/L	Flushed, re-sampled, restored chlorine residual to area.	9-23-2024
166427	9-25-2024	Chlorine Residual	0.22mg/L	Flushed, re-sampled, restored chlorine residual to area.	9-25-2024

166446	9-26-2024	Chlorine Residual	0.07mg/L	Flushed, re-sampled, restored chlorine residual to area.	9-26-2024
166486	9-30-2024	Chlorine Residual	0.06mg/L	Flushed, re-sampled, restored chlorine residual to area.	9-30-2024
166491	9-30-2024	Chlorine Residual	0.10mg/L	Flushed, re-sampled, restored chlorine residual to area.	9-30-2024
166536	10-2-2024	Total coliform	Present	Flushed, re-sampled, and tested location of exceedance as well as upstream and downstream locations.	10-3-2024
166564	10-4-2024	Chlorine Residual	0.02mg/L	Flushed, re-sampled, restored chlorine residual to area.	10-4-2024
166586	10-7-2024	Chlorine Residual	0.13mg/L	Flushed, re-sampled, restored chlorine residual to area.	10-7-2024
166629	10-11-2024	Chlorine Residual	0.10mg/L	Flushed, re-sampled, restored chlorine residual to area.	10-11-2024
166650	10-15-2024	Chlorine Residual	0.14mg/L	Flushed, re-sampled, restored chlorine residual to area.	10-15-2024
166669	10-17-2024	Chlorine Residual	0.15mg/L	Flushed, re-sampled, restored chlorine residual to area.	10-17-2024
166679	10-18-2024	Chlorine Residual	0.04mg/L	Flushed, re-sampled, restored chlorine residual to area.	10-18-2024
166701	10-21-2024	Chlorine Residual	0.11mg/L	Flushed, re-sampled, restored chlorine residual to area.	10-21-2024
166722	10-23-2024	Chlorine Residual	0.14mg/L	Flushed, re-sampled, restored chlorine residual to area.	10-23-2024
166763	10-28-2024	Chlorine Residual	0.11mg/L	Flushed, re-sampled, restored chlorine residual to area.	10-28-2024
166780	10-30-2024	Chlorine Residual	0.23mg/L	Flushed, re-sampled, restored chlorine residual to area.	10-30-2024
166793	10-31-2024	Chlorine Residual	0.03mg/L	Flushed, re-sampled, restored chlorine residual to area.	10-31-2024
166814	11-4-2024	Chlorine Residual	0.05mg/L	Flushed, re-sampled, restored chlorine residual to area.	11-4-2024
166845	11-7-2024	Chlorine Residual	0.07mg/L	Flushed, re-sampled, restored chlorine residual to area.	11-7-2024
166879	11-14-2024	Chlorine Residual	0.06mg/L	Flushed, re-sampled, restored chlorine residual to area.	11-14-2024
166893	11-18-2024	Chlorine Residual	0.09mg/L	Flushed, re-sampled, restored chlorine residual to area.	11-18-2024
166912	11-21-2024	Chlorine Residual	0.12mg/L	Flushed, re-sampled, restored chlorine residual to area.	11-21-2024
166931	11-25-2024	Chlorine Residual	0.00mg/L	Flushed, re-sampled, restored chlorine residual to area.	11-25-2024
166949	11-27-2024	Chlorine Residual	0.23mg/L	Flushed, re-sampled, restored chlorine residual to area.	11-27-2024

166951	11-27-2024	Chlorine Residual	0.00mg/L	Flushed, re-sampled, restored chlorine residual to area.	11-27-2024
166959	11-28-2024	Chlorine Residual	0.09mg/L	Flushed, re-sampled, restored chlorine residual to area.	11-28-2024
166966	11-29-2024	Chlorine Residual	0.08mg/L	Flushed, re-sampled, restored chlorine residual to area.	11-29-2024
166982	12-2-2024	Chlorine Residual	0.04mg/L	Flushed, re-sampled, restored chlorine residual to area.	12-2-2024
167010	12-5-2024	Chlorine Residual	0.22mg/L	Flushed, re-sampled, restored chlorine residual to area.	12-5-2024
167063	12-12-2024	Chlorine Residual	0.05mg/L	Flushed, re-sampled, restored chlorine residual to area.	12-12-2024
167077	12-17-2024	Chlorine Residual	0.08mg/L	Flushed, re-sampled, restored chlorine residual to area.	12-17-2024
167082	12-19-2024	Chlorine Residual	0.18mg/L	Flushed, re-sampled, restored chlorine residual to area.	12-19-2024
167084	12-19-2024	Chlorine Residual	0.24mg/L	Flushed, re-sampled, restored chlorine residual to area.	12-19-2024
167098	12-23-2024	Chlorine Residual	0.09mg/L	Flushed, re-sampled, restored chlorine residual to area.	12-23-2024
167110	12-24-2024	Chlorine Residual	0.14mg/L	Flushed, re-sampled, restored chlorine residual to area.	12-24-2024

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	437	Absent	Absent-Present (3)	222	0-70

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	3273	0.00*-3.11 Combined
Fluoride (If the DWS provides fluoridation)	N/A	

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

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	August 28, 2023	16	mg/L	No
Sodium	August 28, 2023	21	mg/L	Yes
Sodium	August 28, 2023	20	mg/L	No
Sodium	August 29, 2023	21	mg/L	Yes
Sodium	September 6, 2023	21.7	mg/L	Yes
Sodium	September 6, 2023	21.6	mg/L	Yes
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			
Nitrosodimethylamine (NDMA)	Jan 29, 2024	<0.0009	ug/L	No
Nitrosodimethylamine (NDMA)	Apr 22, 2024	<0.0009	ug/L	No
Nitrosodimethylamine (NDMA)	July 29, 2024	<0.0009	ug/L	No
Nitrosodimethylamine (NDMA)	Oct 28, 2024	0.0015	ug/L	No
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 (Running Annual Average)	*Sampled Quarterly -March -June -September -December	18.3	ug/L	
HAA (Running Annual Average)	*Sampled Quarterly -February -April -July -October	9.5	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			