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

System Information and Reporting Period:

Drinking-Water System Number:	260087685
Drinking-Water System Name:	Yonge/Green Lane Distribution System
Drinking-Water System Owner:	The Town of East Gwillimbury
Drinking-Water System Category:	Distribution
Period being reported:	January 01, 2023 to December 31, 2023

General Information:

Complete if your Category is Large Municipal Residential or Small Municipal Residential	Complete for all other Categories.
Does your Drinking-Water System serve more than 10,000 people? Yes [ ] No [X] Is your annual report available to the public at no charge on a website 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 Operations Centre 19850 Woodbine Ave, Queensville, ON L0G 1R0 www.eastgwillimbury.ca/en/municipal-services/drinking-water-annual-reports.aspx	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 of Drinking-Water Systems (if any), which receive all their drinking water from your system:

Drinking Water System Name	Drinking Water System Number
N/A	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 [ ]

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 _____

Description of Drinking-Water System:

The "Yonge and Green Lane" Drinking Water System serves 3 distinct areas:

1. Harvest Hills Subdivision
2. Fieldgate Commercial Site
3. Fetlar Commercial Complex

The system has 942 service connections or 3,014 persons at the end of 2023.

The water sources for the Yonge/ Green Lane Drinking Water System include groundwater wells in Newmarket and Aurora, and Lake Ontario surface water and it is operated as a chloraminated system.

All the groundwater wells supplying this system are owned and operated by York Region. In addition, York Region supplies treated surface water (Lake Ontario) obtained from the City of Toronto and the Region of Peel.

The Town staff that operate and maintain the distribution system are licensed and certified by the Ontario Ministry of the Environment. The Town is responsible for the operation and maintenance of the watermains (with the exception of Regional owned watermains), valves, hydrants, automatic flushing units, meters and service connections to the end user.

List of 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

Brief description and a breakdown of significant monetary expenses incurred:

N/A

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
N/A					

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	142	0 (Absent)	0 (Absent)	73	0-9 CFU/1mL

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	779	0.25 - 3.11 Combined
Fluoride (If the DWS provides fluoridation)	N/A	

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	2	2	<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 metobolites	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)	31-Jan-23	<0.001	ug/L	No
Nitrosodimethylamine (NDMA)	24-Apr-23	<0.0009	ug/L	No
Nitrosodimethylamine (NDMA)	31-Jul-23	<0.0009	ug/L	No
Nitrosodimethylamine (NDMA)	30-Oct-23	<0.0009	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 each quarter on the follow dates: - 20-Mar-23 - 27-Jun-23 - 11-Sep-23 - 13-Nov-23	0.0174	mg/L	No
HAA (Running Annual Average)	*Sampled each quarter on the follow dates: - 16-Jan-23 - 17-Apr-23 - 17-Jul-23 - 23-Oct-23	0.0080	mg/L	No
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 of 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			