

Optional Annual Report Template

Drinking-Water System Number:	2 6 0 0 0 1 7 4 7
Drinking-Water System Name:	Holland-Queensville-Sharon Distribution System
Drinking-Water System Owner:	The Town of East Gwillimbury
Drinking-Water System Category:	Distribution
Period being reported:	January 01, 2009 to December 31, 2009

<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 [x] No []</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;"> The Town of East Gwillimbury Civic Centre Community Programs & Infrastructure Department 19000 Leslie Street, Sharon, ON, L0G 1V0 </div>	<p><u>Complete for all other Categories.</u></p> <p>Number of Designated Facilities served:</p> <div style="border: 1px solid black; width: 100px; height: 20px; margin: 5px 0;"></div> <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:</p> <div style="border: 1px solid black; width: 100px; height: 20px; margin: 5px 0;"></div> <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	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]

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** _____

Describe your Drinking-Water System

“Holland-Queensville-Sharon” Water Distribution System is servicing four distinct areas, those being Holland Landing, Queensville, and Sharon as well as Bales Drive Industry area. By the end of 2009, approximately 3,450 household (equal to 11,040 residents) get serviced by this system. The water networks in these four areas are interconnected via Region of York owned and maintained transmission mains. Its water sources are ground water and consist of two wells in the Holland Landing Community and four wells in the Queensville Community. All of these six water supply wells are owned and operated by the Region of York.

The Town staff that operate and maintain the distribution system are certified and licensed by the Ontario Ministry of Environment. The Town specifically operates and maintains the water mains (with the exception of the Region’s referenced transmission mains), valves, hydrants, automatic flushing units, meters and service connections to the end users.

List all water treatment chemicals used over this reporting period

N/A

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

- 1. Watermain Looping on Tate Court (\$35,000):**
This looping ensures that water flow and quality are maintained versus staff having to flush the watermain to ensure compliance with the regulations.
- 2. Installation of one new valve with chamber on Sand Road (\$11,000):**
One gate valve with chamber is installed on the Sand Road to minimize water customers’ disturbance in the future water system operating and maintenance activities.
- 3. Replacement of one valve near Mortonvale Drive & Yonge Street (\$8,000):**
One valve with 200mm diameter near Mortonvale Drive & Yonge Street is replaced since it exceeded its life expectancy.

4. Watermain on Colonel Wayling Boulevard connected to Region's transmission line (\$108,000, fully funded by the Region):

This connection intends to solve the lower water pressure issue in that area.

5. Fleet Garage Equipment (Hoist) (\$35,200)

In conjunction with Roads Department, installation of fleet garage equipment can manage our water/sewer vehicles and equipments more efficiently.

6. Water Meter Replacement Program (\$40,000 by the end of 2009, fully funded by the Federal Government):

The Water Meter Replacement program targets the water meters on our water systems older than 25 years old, so that we can have accurate meter readings and reliable water consumption data.

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
There is no incident reported to Spills Action Centre in 2009					

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	264				

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	1460	0.49 — 2.80 Combined
Fluoride (If the DWS provides fluoridation)	N/A	

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

*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				
Arsenic				
Barium				
Boron				
Cadmium				
Chromium				
Lead	2009-9-18	0.4	ug/l	0
Mercury				
Selenium				
Sodium				
Uranium				
Fluoride				
Nitrite				
Nitrate				

Summary of Lead Testing under Schedule 15.1 during this reporting period

Type of Location	No. of Samples in First Round	No. of Samples in Second Round	No. of Exceedance	Comments
Residential Plumbing	60*2=120	60*2=120	1	Exceedance Result =11.6ug/l The re-sampling and re-testing result is not exceeded.
Non-Residential Plumbing	6*2=12	6*2=12	0	
Distribution	49*1=49	52*1=52	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				
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				
Heptachlor + Heptachlor Epoxide				
Lindane (Total)				
Malathion				
Methoxychlor				
Metolachlor				
Metribuzin				
Monochlorobenzene				
Paraquat				
Parathion				
Pentachlorophenol				
Phorate				
Picloram				
Polychlorinated Biphenyls(PCB)				
Prometryne				

Simazine				
THM	2009-2-24	14 & 18	ug/l	0
	2009-5-25	24 & 24	ug/l	0
	2009-8-24	19 & 20	ug/l	0
	2009-11-23	18 & 24	ug/l	0
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			