



**OPTIONAL ANNUAL REPORT TEMPLATE**

<b>Drinking-Water System Number:</b>	<b>260001747</b>
<b>Drinking-Water System Name:</b>	Holland-Queensville-Sharon Water Distribution System
<b>Drinking-Water System Owner:</b>	The Town of East Gwillimbury
<b>Drinking-Water System Category:</b>	Distribution
<b>Period being reported:</b>	January 01, 2010 to December 31, 2010

<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 [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;"> <p>The Town of East Gwillimbury Civic Centre 19000 Leslie Street Sharon, Ontario L0G 1V0</p> </div>	<p><b><u>Complete for all other Categories.</u></b></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 [ ] No [ ]</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 [ ] 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**

The "Holland-Queensville-Sharon" Water Distribution System services four distinct areas:  
 Holland Landing  
 Sharon  
 Queensville  
 Bales Drive Industrial Area

At the end of 2010 the system served approximately 3450 households or 11040 residents. The various water networks are joined via Region owned and operated transmission mains. The system is supplied via ground water sources: two wells in Holland Landing and four wells in Queensville. All the wells are owned and operated by York Region. The Town staff that operate and maintain the distribution system are certified and licensed by the Ontario Ministry of the Environment. 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**

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. Loop watermain on Tyson to Mount Albert Road (\$50,000)**  
 This looping ensures that water flow and quality are maintained versus staff having to flush the watermain manually to ensure compliance with the regulations and it is approximately 70 m in length.
- 2. Installation of complete watermain on Grist Mill Road to replace older watermain (\$265,000)**  
 This entire 200mm watermain was replaced due to age and potential for failure including all service connections, valves and applicable appurtenances and is approximately 447 m in length. This installation included all new service connections as well as 2 new hydrants along with secondary valves, two gate valves and three 1500mm valve chambers with valves.
- 3. Repair Watermain Break on Amberglen Court (\$16,000)**  
 There was a watermain break on December 20, 2010. The Town effected repairs utilizing Barra-Con construction Limited. The Town also installed a new hydrant and valve replacing those items damaged in the break.



**4. Installation of 150mm and 300mm PVC Watermain (Developers Incur Cost)**

Approximately 132 m of 300 mm PVC watermain and approximately 18 m of 150mm PVC watermain was installed to accommodate the construction of the Region's new EMS facility in the Bales Drive Industrial Area.

**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 were no incidents reported to the Spills Action Centre in 2010 for this water system.					

**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	<b>287</b>				

**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	<b>1460</b>	<b>0.36 – 2.63 Combined</b>
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				
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-Round 1	Number of Samples-Round 2	Range of Lead Results (min#) – (max #) in mg/L	Number of Exceedances
Residential Plumbing	0	0		0
Non-residential Plumbing	0	0		0
Distribution	6	6	0.3-1.4	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	2010-2-23	20 & 22	ug/L	0
	2010-5-25	17 & 21	ug/L	0
	2010-8-23	20 & 18	ug/L	0
	2010-11-22	24 & 20	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
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