



OPTIONAL ANNUAL REPORT TEMPLATE

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, 2010 to December 31, 2010

<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 [] No [X]</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 Center-Community Programs and Infrastructure Department 19000 Leslie Street Sharon, Ontario LOG 1V0</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 [] 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

This system serves three distinct areas:
 Harvest Hills Subdivision (approximately 350 units and 1120 residents at the end of 2010)
 Lowes Commercial Site (1 unit at the end of 2010)
 Fetlar Commercial Complex (10 units at the end of 2010)

This system gets its water from the following sources:
 Six ground water wells in Newmarket
 Back-up from the Aurora well supply which is blended with Lake Ontario surface water. All the ground water wells are owned and operated by York Region and the Lake Ontario based surface water is treated and supplied by the City of Toronto

The Town staff that operate and maintain the distribution system are licensed and certified by the Ministry of the Environment. The Town is responsible for the operation and maintenance of the watermains (excepting the Region owned watermains) 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

Installation of Auto-flusher on Yonge Street approximately 150 metres south of the Yonge Street & Green Lane Intersection (\$5000.00)
 This auto-flusher was installed to aid in maintaining compliant residual values and to assist with on-going water quality analysis initiatives.



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
04/29/10	Adverse Chlorine Residual	0.20	Mg/L	Flush & re-sample	04/29/10
04/30/10	Adverse Chlorine Residual	0.18	Mg/L	Flush & re-sample	04/30/10
05/01/10	Adverse Chlorine Residual	0.15	Mg/L	Flush & re-sample	05/01/10
05/03/10	Adverse Chlorine Residual	0.08	Mg/L	Flush & re-sample	05/03/10
05/04/10	Adverse Chlorine Residual	0.19	Mg/L	Flush & re-sample	05/04/10
05/05/10	Adverse Chlorine Residual	0.21	Mg/L	Flush & re-sample	05/05/10
06/02/10	Adverse Chlorine Residual	0.12	Mg/L	Flush & re-sample	06/02/10
06/18/10	Adverse Chlorine Residual	0.17	Mg/L	Flush & re-sample	06/18/10
06/22/10	Adverse Chlorine Residual	0.15	Mg/L	Flush & re-sample	06/22/10
06/27/10	Adverse Chlorine Residual	0.19	Mg/L	Flush & re-sample	06/27/10
06/29/10	Adverse Chlorine Residual	0.10, 0.23 & 0.25	Mg/L	Flush & re-sample	06/29/10
07/05/10	Adverse Chlorine Residual	0.22	Mg/L	Flush & re-sample	07/05/10
07/12/10	Adverse Chlorine Residual	0.17 & 0.19	Mg/L	Flush & re-sample	07/12/10
07/13/10	Adverse Chlorine Residual	0.25 & 0.19	Mg/L	Flush & re-sample	07/13/10
07/14/10	Adverse Chlorine Residual	0.20	Mg/L	Flush & re-sample	07/14/10
08/01/10	Adverse Chlorine Residual	0.25	Mg/L	Flush & re-sample	08/01/10
08/04/10	Microbiological-Total Coliforms	N/A	N/A	Flush & re-sample	08/09/10 (CAR Completed)
08/04/10	Adverse Chlorine Residual	0.20	Mg/L	Flush & re-sample	08/04/10
08/14/10	Adverse Chlorine Residual	0.17	Mg/L	Flush & re-sample	08/14/10

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	144				

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		

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



Chlorine	365	0.08 to 1.56 Combined (please note the inclusion of adverse results above)
Fluoride (If the DWS provides fluoridation)		

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)	Number of Exceedances



			#) in mg/L	
Residential Plumbing	20	20	<0.1-68.9	1
Non-residential Plumbing	2	2	0.2-0.6	0
Distribution	14	15	0.1-0.8	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				
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