

**Part III Form 2  
Section 11. ANNUAL REPORT.**

<b>Drinking-Water System Number:</b>	260039156
<b>Drinking-Water System Name:</b>	Lemonville Community Centre Well Supply
<b>Drinking-Water System Owner:</b>	Town of Whitchurch-Stouffville
<b>Drinking-Water System Category:</b>	Small Municipal Non-Residential
<b>Period being reported:</b>	January 1 <sup>st</sup> , 2004 – December 31 <sup>st</sup> , 2004

<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 [ ] No [ ]</p> <p>Is your annual report available to the public at no charge on a web site on the Internet? Yes [ ] 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; height: 100px; width: 100%;"></div>	<p><b><u>Complete for all other Categories.</u></b></p> <p>Number of Designated Facilities served:</p> <div style="border: 1px solid black; width: 100px; text-align: center; padding: 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: <div style="border: 1px solid black; width: 100px; height: 20px; display: inline-block;"></div></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
Not Applicable	

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] Not applicable

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 Lemonville Community Centre located at 13453 McCowan Road is a facility owned by The Town of Whitchurch-Stouffville and operated by a volunteer committee on behalf of the Town. In general this committee oversees the day to day operations such as marketing, facility use, general building maintenance, security and rental bookings.

In October 2002 the Town's Public Works Department was charged with the responsibility of the operation and maintenance of the building's water system. This system is maintained in accordance with Ontario Regulation 170/03 of the Safe Drinking Water Act, 2002. The water system for this facility is considered a small municipal non residential type servicing a "public facility" meaning it is a place where a service club or a fraternal organization meets on a regular basis. This system is not connected to any residential development and has a flow rate of less than 2.9 litres per second.

The groundwater supply system consists of a 150 mm diameter casing approximately 40 metres deep, a submersible pump capable of a pumping rate of one (1) litre per second and a pressure tank. It was installed in July 2003 and put into operation in August of that year. It replaced a 19 metre deep well.

The water from the well is pumped by the submersible pump through a poly vinyl chloride pipe to a pressure tank located in the basement of the Community Centre. From the pressure tank the water is distributed to the kitchen and two (2) washrooms. Currently there is no disinfection associated with this water supply system.

Municipal Public Works Department staff, certified by the Ministry of the Environment of Ontario (M.O.E.), routinely collect water samples for analysis. These are then sent to the York-Durham Regional Laboratory, an M.O.E. accredited facility, where microbiological, organic and inorganic tests are performed to ensure adequate water quality.

### List all water treatment chemicals used over this reporting period

No treatment chemicals added to the system water.

### 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

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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
July 7, 2004	HPC	850	Coliform forming units (CFU) per ml	Resample and post warning signs	July 9, 2004
August 4, 2004	HPC	4000	CFU per ml	Resample and post warning signs	August 6, 2004
August 25, 2004	HPC	1300	CFU per ml	Resample and post warning signs	August 27, 2004
December 6, 2004	HPC	550	CFU per ml	Resample and post warning signs	December 9, 2004

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					
Treated					
Distribution	53	0 – 0	0 – 0	56	0 - 4000

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		
Chlorine		
Fluoride (If the DWS provides fluoridation)		

*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

**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	Mar 29/04	<0.003	mg/l	
Arsenic	Mar 29/04	<0.0007	mg/l	
Barium				
Boron				
Cadmium	Mar 29/04	<0.0001	mg/l	
Chromium	Mar 29/04	<0.0003	mg/l	
Lead	Mar 29/04	<0.0007	mg/l	
Mercury				
Selenium	Mar 29/04	0.003	mg/l	
Sodium	Mar 29/04	2.77	mg/l	
Uranium				
Fluoride	Nov 15/04	<0.11	mg/l	
Nitrite	Nov 15/04	<0.05	mg/l	
Nitrate	Nov 15/04	<0.03	mg/l	

**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	Mar 29/04	<0.1	mg/l	
Benzo(a)pyrene				
Bromoxynil				
Carbaryl				
Carbofuran				
Carbon Tetrachloride	Mar 29/04	<0.2	mg/l	
Chlordane (Total)				
Chlorpyrifos				
Cyanazine				
Diazinon				
Dicamba				
1,2-Dichlorobenzene	Mar 29/04	<0.1	mg/l	
1,4-Dichlorobenzene	Mar 29/04	<0.1	mg/l	
Dichlorodiphenyltrichloroethane (DDT) + metabolites				

1,2-Dichloroethane	Mar 29/04	<0.1	mg/l	
1,1-Dichloroethylene (vinylidene chloride)	Mar 29/04	<0.3	mg/l	
Dichloromethane	Mar 29/04	<0.5	mg/l	
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	Mar 29/04	<0.1	mg/l	
Paraquat				
Parathion				
Pentachlorophenol				
Phorate				
Picloram				
Polychlorinated Biphenyls(PCB)				
Prometryne				
Simazine				
THM (NOTE: show latest annual average)				
Temephos				
Terbufos				
Tetrachloroethylene	Mar 29/04	<0.3	mg/l	
2,3,4,6-Tetrachlorophenol				
Triallate				
Trichloroethylene	Mar 29/04	<0.8	mg/l	
2,4,6-Trichlorophenol				
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)				
Trifluralin				
Vinyl Chloride	Mar 29/04	<0.2	mg/l	

**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

**(Only if DWS category is large municipal residential, small municipal residential, large municipal non residential, non municipal year round residential, large non municipal non residential)**