

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

<b>Drinking-Water System Number:</b>	260005346
<b>Drinking-Water System Name:</b>	Fanshawe Conservation Area Day Use
<b>Drinking-Water System Owner:</b>	Upper Thames River Conservation Authority
<b>Drinking-Water System Category:</b>	Non-Municipal Year Round Residential
<b>Period being reported:</b>	January 1, 2005 – December 31 , 2005

<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; padding: 2px; width: 100px; display: inline-block;">none</div> <p>Did you provide a copy of your annual report to all Designated Facilities you serve? Yes [ ] No [ ] <i>not applicable [x]</i></p> <p>Number of Interested Authorities you report to:</p> <div style="border: 1px solid black; padding: 2px; width: 100px; display: inline-block;">n/a</div> <p>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes [ ] No [ ] <i>not applicable [x]</i></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	

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 [ ] *not applicable [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**

Water for the drinking water system is supplied by the drilled well located at the north end of the day use area alongside Fanshawe Golf Course which enters the pump house. This well is referred to by staff as F3. A submersible pump supplies raw water from the well which is then injected with sodium hypochlorite which acts as primary disinfection. Secondary disinfection is also provided through maintaining a free chlorine residual within the distribution system. A contact chamber located downstream of the injection point ensures adequate chlorine contact is achieved prior to the first user of the water system. The drinking water system supplies water to the Safety Village, Watson Porter Pavilion and day use washroom facilities.

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

Sodium hypochlorite

**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**

No significant expenses were incurred during the reporting period.

**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
Sept 21 -05	HPC	>2000	HPC/1ml	Flushing and resampling initiated Sept 21 -05. Received notification from SGS Laboratories on Sept 24-05 that HPC <10. Water no longer adverse	Sept 24 -05

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

Nov 23 -05	HPC	620	HPC/1 ml	Flushing of system and resampling process initiated on Nov 23 -05. Verbal results obtained from SGS Laboratories Nov 25 -05; HPC <10. Certificate of Analysis received Nov 25 -05. Water no longer adverse.	Nov 25 -05
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### 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	52	0	0	not required	n/a
Treated	52	0	0	not required	n/a
Distribution	104	0	0	90	<10 - >2000

### 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	364	0.18-0.95
Chlorine	770	0.54-2.20
Fluoride (If the DWS provides fluoridation)	n/a	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. *Not applicable [x]*

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**
**Well F3**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	May 26 -05	not detected	mg/L	No
Arsenic	May 26 -05	0.001	mg/L	No
Barium	May 26 -05	0.13	mg/L	No
Boron	May 26 -05	0.01	mg/L	No
Cadmium	May 26 -05	0.0006	mg/L	No
Chromium	Feb 22 -05	not detected	mg/L	No
Lead	May 26 -05	not detected	mg/L	No
Mercury	May 26 -05	not detected	mg/L	No
Selenium	May 26 -05	not detected	mg/L	No
Sodium	May 26 -05	20000	mg/L	No
Uranium	May 26 -05	.00005	mg/L	No
Fluoride	Sept 5 -05	0.79	mg/L	No
Nitrite	Feb 22 -05	not detected	mg/L	No
	May 26 -05	not detected		
	Aug 24 -05	not detected		
	Nov 28 -05	not detected		
Nitrate	Feb 22 -05	not detected	mg/L	No
	May 26 -05	0.2		
	Aug 24 -05	1.8		
	Nov 28 -05	not detected		

**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	May 26 -05	not detected	mg/L	No
Aldicarb	May 26 -05	not detected	mg/L	No
Aldrin + Dieldrin	May 26 -05	not detected	mg/L	No
Atrazine + N-dealkylated metabolites	May 26 -05	not detected	mg/L	No
Azinphos-methyl	May 26 -05	not detected	mg/L	No
Bendiocarb	May 26 -05	not detected	mg/L	No
Benzene	May 26 -05	not detected	mg/L	No
Benzo(a)pyrene	May 26 -05	not detected	mg/L	No
Bromoxynil	May 26 -05	not detected	mg/L	No
Carbaryl	May 26 -05	not detected	mg/L	No
Carbofuran	May 26 -05	not detected	mg/L	No
Carbon Tetrachloride	May 26 -05	not detected	mg/L	No
Chlordane (Total)	May 26 -05	not detected	mg/L	No
Chlorpyrifos	May 26 -05	not detected	mg/L	No
Cyanazine	May 26 -05	not detected	mg/L	No
Diazinon	May 26 -05	not detected	mg/L	No
Dicamba	May 26 -05	not detected	mg/L	No
1,2-Dichlorobenzene	May 26 -05	not detected	mg/L	No
1,4-Dichlorobenzene	May 26 -05	not detected	mg/L	No
Dichlorodiphenyltrichloroethane (DDT) + metabolites	May 26 -05	not detected	mg/L	No
1,2-Dichloroethane	May 26 -05	not detected	mg/L	No

<b>1,1-Dichloroethylene (vinylidene chloride)</b>	May 26 -05	not detected	mg/L	No
<b>Dichloromethane</b>	May 26 -05	not detected	mg/L	No
<b>2-4 Dichlorophenol</b>	May 26 -05	not detected	mg/L	No
<b>2,4-Dichlorophenoxy acetic acid (2,4-D)</b>	May 26 -05	not detected	mg/L	No
<b>Diclofop-methyl</b>	May 26 -05	not detected	mg/L	No
<b>Dimethoate</b>	May 26 -05	not detected	mg/L	No
<b>Dinoseb</b>	May 26 -05	not detected	mg/L	No
<b>Diquat</b>	May 26 -05	not detected	mg/L	No
<b>Diuron</b>	May 26 -05	not detected	mg/L	No
<b>Glyphosate</b>	May 26 -05	not detected	mg/L	No
<b>Heptachlor + Heptachlor Epoxide</b>	May 26 -05	not detected	mg/L	No
<b>Lindane (Total)</b>	May 26 -05	not detected	mg/L	No
<b>Malathion</b>	May 26 -05	not detected	mg/L	No
<b>Methoxychlor</b>	May 26 -05	not detected	mg/L	No
<b>Metolachlor</b>	May 26 -05	not detected	mg/L	No
<b>Metribuzin</b>	May 26 -05	not detected	mg/L	No
<b>Monochlorobenzene</b>	May 26 -05	not detected	mg/L	No
<b>Paraquat</b>	May 26 -05	not detected	mg/L	No
<b>Parathion</b>	May 26 -05	not detected	mg/L	No
<b>Pentachlorophenol</b>	May 26 -05	not detected	mg/L	No
<b>Phorate</b>	May 26 -05	not detected	mg/L	No
<b>Picloram</b>	May 26 -05	not detected	mg/L	No
<b>Polychlorinated Biphenyls(PCB)</b>	May 26 -05	not detected	mg/L	No
<b>Prometryne</b>	May 26 -05	not detected	mg/L	No
<b>Simazine</b>	May 26 -05	not detected	mg/L	No
<b>THM</b> (NOTE: show latest annual average)	Feb 22 -05 May 26 -05 Aug 24 -05 Dec 16 -05	0.008075	mg/L	No
<b>Temephos</b>	May 26 -05	not detected	mg/L	No
<b>Terbufos</b>	May 26 -05	not detected	mg/L	No
<b>Tetrachloroethylene</b>	May 26 -05	not detected	mg/L	No
<b>2,3,4,6-Tetrachlorophenol</b>	May 26 -05	not detected	mg/L	No
<b>Triallate</b>	May 26 -05	not detected	mg/L	No
<b>Trichloroethylene</b>	May 26 -05	not detected	mg/L	No
<b>2,4,6-Trichlorophenol</b>	May 26 -05	not detected	mg/L	No
<b>2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)</b>	May 26 -05	not detected	mg/L	No
<b>Trifluralin</b>	May 26 -05	not detected	mg/L	No
<b>Vinyl Chloride</b>	May 26 -05	not detected	mg/L	No

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)