

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

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

<b>Drinking-Water System Number:</b>	<b>260006568</b>
<b>Drinking-Water System Name:</b>	East Lambton Shores Water
<b>Drinking-Water System Owner:</b>	Municipality of Lambton Shores
<b>Drinking-Water System Category:</b>	Large Municipal Residential
<b>Period being reported:</b>	Jan-Dec 2006

<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 [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><b>Location where Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</b></p> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">         The Municipality of Lambton Shores          Municipal Office          9575 Port Franks Rd          RR#1 Thedford Ontario          N0M 2N0       </div>	<p><b><u>Complete for all other Categories.</u></b></p> <p>Number of Designated Facilities served:  <input style="width: 100px; height: 20px;" 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 style="width: 100px; height: 20px;" 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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**List Drinking-Water Systems, which receive all of their drinking water from your system:**

**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]

Indicate how you notified system users that your annual report is available, and is free of charge.

- [x] Public access/notice via the web
- [ ] Public access/notice via Government Office
- [ ] Public access/notice via a newspaper

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

- Public access/notice via Public Request
- Public access/notice via a Public Library
- Public access/notice via other method \_\_\_\_\_

**Describe your Drinking-Water System**

A water system serving East Lambton Shores receiving treated water from the Lake Huron Water Supply System. Consisting of a control chamber at the vicinity of Pinetree Drive and Lakeshore Road, controlled by the level of the elevated storage tank having an available storage volume of 3,725 m3 equipped with a chlorine analyzer to continuously monitor chlorine residual entering the system, two metering pumps with variable flow control using sodium hypochlorite solution together with system controlling all levels and functions through the SCADA system located on site.

**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

**Describe**

New 24 " line from B-Line to Hwy 21 at Pinetree Drive.

**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 4 / 06	T.Coli	NDOG	CFU/100ml	Resample	July 6
July11/ 06	T.Coli	1 Mac	CFU/100ml	Resample	July 13

**Microbiological testing done under section 8 (2) during this reporting period**

	Number of Samples	Range of E.Coli or Fecal Results	Range of Total Coliform Results	Number Of HPC Samples	Range of HPC Results (#-#)

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

		(#-#)	(#-#)		
<b>Raw</b>					
<b>Treated</b>					
<b>Distribution</b>	525	0	0-1	214	0-120

**Operational testing done under Schedule 7, 8 or 9 during the period covered by this Annual Report.**

	Number of Grab Samples	Range of Results (#-#)
<b>Turbidity</b>		
<b>Chlorine</b>	<b>8760</b>	<b>.85-1.55</b>
<b>Fluoride</b> (If the DWS provides fluoridation)	<b>None</b>	

*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 or order.**

Date of order or C of A	Parameter	Date Sampled	Result	Unit of Measure

**Summary of Inorganic parameters tested during this reporting period or most recent**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
<b>Antimony</b>				
<b>Arsenic</b>				
<b>Barium</b>				
<b>Boron</b>				
<b>Cadmium</b>				
<b>Chromium</b>				
<b>Lead</b>	Feb 14	.1	Ug/l	No
<b>Mercury</b>				
<b>Selenium</b>				
<b>Uranium</b>				
<b>Fluoride</b>				
<b>Nitrite</b>				
<b>Nitrate</b>				

**Summary of Organic parameters sampled during this reporting period or most recent**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
<b>Alachlor</b>				
<b>Aldicarb</b>				

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

<b>Aldrin + Dieldrin</b>				
<b>Atrazine + N-dealkylated metabolites</b>				
<b>Azinphos-methyl</b>				
<b>Bendiocarb</b>				
<b>Benzene</b>				
<b>Benzo(a)pyrene</b>				
<b>Bromoxynil</b>				
<b>Carbaryl</b>				
<b>Carbofuran</b>				
<b>Carbon Tetrachloride</b>				
<b>Chlordane (Total)</b>				
<b>Chlorpyrifos</b>				
<b>Cyanazine</b>				
<b>Diazinon</b>				
<b>Dicamba</b>				
<b>1,2-Dichlorobenzene</b>				
<b>1,4-Dichlorobenzene</b>				
<b>Dichlorodiphenyltrichloroethane (DDT) + metabolites</b>				
<b>1,2-Dichloroethane</b>				
<b>1,1-Dichloroethylene (vinylidene chloride)</b>				
<b>Dichloromethane</b>				
<b>2-4 Dichlorophenol</b>				
<b>2,4-Dichlorophenoxy acetic acid (2,4-D)</b>				
<b>Diclofop-methyl</b>				
<b>Dimethoate</b>				
<b>Dinoseb</b>				
<b>Diquat</b>				
<b>Diuron</b>				
<b>Glyphosate</b>				
<b>Heptachlor + Heptachlor Epoxide</b>				
<b>Linadane (Total)</b>				
<b>Malathion</b>				
<b>Methoxychlor</b>				
<b>Metolachlor</b>				
<b>Metribuzin</b>				
<b>Monochlorobenzene</b>				
<b>Paraquat</b>				
<b>Parathion</b>				
<b>Pentachlorophenol</b>				
<b>Phorate</b>				
<b>Picloram</b>				
<b>Polychlorinated Biphenyls(PCB)</b>				

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

Prometryne				
Simazine				
THM (NOTE: show latest quarterly average)	2006	33	Ug/l	No
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

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