

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

<b>Drinking-Water System Number:</b>	260001604
<b>Drinking-Water System Name:</b>	Pelham Distribution System
<b>Drinking-Water System Owner:</b>	Corporation of the Town of Pelham
<b>Drinking-Water System Category:</b>	Large Municipal
<b>Period being reported:</b>	January 1, 2006 – December 31, 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 [<input checked="" type="checkbox"/>] No [ ]</p> <p>Is your annual report available to the public at no charge on a web site on the Internet? Yes [<input checked="" type="checkbox"/>] 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;">                 Pelham Municipal Building                  20 Pelham Town Square                  Fonthill, Ontario             </div>	<p><b><u>Complete for all other Categories.</u></b></p> <p>Number of Designated Facilities served: <input style="width: 50px;" type="text" value="18"/></p> <p>Did you provide a copy of your annual report to all Designated Facilities you serve? Yes [ ] No [<input checked="" type="checkbox"/>]</p> <p>Number of Interested Authorities you report to: <input style="width: 50px;" type="text" value="0"/></p> <p>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes [ ] No [<input checked="" type="checkbox"/>]</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

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 [ ]

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 Town of Pelham operates a water distribution system supplied with treated water by the Regional Municipality of Niagara from the Welland Water Treatment Plant located at #4 Cross Street in Welland. The source of water for the plant is the Welland Recreational Waterway.

The treated water is transported to the Town by way of a 750mm diameter watermain to the Shoalts Drive Reservoir located at #5 Shoalts Drive in Fonthill from where it is distributed by way of a series of watermains to lands within the designated service areas. The water distribution system is comprised of approximately 74 kilometers of watermain varying in size from 50mm to 400mm diameter.

**List all water treatment chemicals used over this reporting period**
**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**
**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
Jan 3/06	Total col	1	Cfu/100ml	Flush watermain and resample	Jan 5, 6, 7/06
Jan 5/06	Backgrd	>200	Cfu/100ml	Flush watermain and resample	Jan 6, 7/06
Mar 9/06	Total col	101	Cfu/100ml	Flush watermain and resample	Mar 10 – 17/06
Mar 10/06	Total col	37	Cfu/100ml	Flush watermain and resample	Mar 12 – 17/06
Mar 10/06	Backgrd	>200	Cfu/100ml	Flush watermain and resample	Mar 12 – 17/06
Mar 12/06	Total col	2	Cfu/100ml	Flush watermain and resample	Mar 13 – 17/06
Mar 15/06	Total col	2	Cfu/100ml	Flush watermain and resample	Mar 16, 17/06
June 20/06	Antimony	20, 25, 28	ug/l	Resample	June 27-29/06
June 27/06	Antimony	8, 9, 10	ug/l	Resample	June 29-July 4/06
July 4/06	Antimony	10, 13, 18	ug/l	Resample	July 11/06
Oct 10/06	Total col	1	Cfu/100ml	Flush watermain and resample	Oct 12, 13/06

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

### 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	669	0-0	0-101	327	0-12

### 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	1057	0.11 – 1.86
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	July 11/06	0	ug/l	
Arsenic				
Barium				
Boron				
Cadmium				
Chromium				
Lead	Dec 12/06	not detected	mg/l	
Mercury				
Selenium				
Sodium				
Uranium				
Fluoride				
Nitrite				

Nitrate				
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**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 (NOTE: show latest annual average)	Avg.	0.0453	mg/l	
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 DWS category is large municipal residential, small municipal residential, large municipal non residential, non municipal year round residential, large non municipal non residential)**