

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

Drinking-Water System Number:	260006594
Drinking-Water System Name:	Plympton-Wyoming Distribution System
Drinking-Water System Owner:	The Corporation of the Town of Plympton-Wyoming
Drinking-Water System Category:	Large municipal residential system
Period being reported:	Jan. 1, 2007 to December 31, 2007

<p><i>Complete if your Category is Large Municipal Residential or Small Municipal Residential</i></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 Report required under O. Reg. 170/03 Schedule 22 will be available for inspection</p> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <p><i>The Town of Plympton-Wyoming Municipal Office 546 Niagara St. Box 250, Wyoming Ontario</i></p> </div>	<p><i>Complete for all other Categories.</i></p> <p>Number of Designated Facilities served:</p> <div style="border: 1px solid black; width: 100px; height: 20px; margin: 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:</p> <div style="border: 1px solid black; width: 100px; height: 20px; margin: 5px 0;"></div> <p>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes [] No []</p>
---	--

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 [] N/A [✓]

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

<p>The Plympton-Wyoming water distribution system is supplied by the Lambton Area Water Supply System (LAWSS) and serves an estimated population of 7200.</p>
<p>The Wyoming water distribution system is comprised of a concrete standpipe with a storage capacity of 1586m³, approximately 17 km of distribution piping ranging from 100mm to 200mm in size, 76 hydrants and 15 blowoffs (at dead ends).</p>
<p>The Plympton water distribution system contains 77.14 km of distribution system pipe ranging in size from 50mm to 200mm with 150 fire hydrants and 15 blow offs at dead ends.</p>

List all water treatment chemicals used over this reporting period

<p>No chemicals used. Distribution only.</p>

Were any significant expenses incurred to?

- Install required equipment
- Repair required equipment
- Replace required equipment

Describe

<p>Water main extension at Sawmill Creek Golf Course</p>
<p>Hydrant Repairs/replacement/maintenance</p>
<p>Water main leak repairs.</p>

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?

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

Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date

None reported in 2007.

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

	Number of Samples	Range of E.Coli Results (#-#)	Range of Total Coliform Results (#-#)	Number of HPC samples	Range of HPC Results (#-#)	Number of BKG Samples	Range of BKG Results (#-#)
Plympton Distribution	156	0-0 cfu/100mL	0-0 cfu/100mL	52	0-70 cfu/ml	156	0-103 cfu/100mL
Wyoming Distribution	407	0-0 cfu/100mL	0-0 cfu/100mL	102	<10-30cfu/ml	407	0-73 cfu/100mL

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

	Number of Grab Samples	Range of Results (#-#)
Chlorine (free) Plympton distribution	364	1.15- 1.73mg/L
Chlorine (free) Wyoming distribution	685	0.77-1.93mg/L

NOTE: For continuous monitors

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
Antimony				
Arsenic				
Barium				
Boron				
Cadmium				
Chromium				
**Lead (Plympton)	Feb.6/07	0.00023	mg/L	No
**Lead (Wyoming)	Jan. 29/07	< 0.0005	mg/L	No
Mercury				
Selenium				
Uranium				
Fluoride				
Nitrite				
Nitrate				

** Lead Sampled/tested pre-amendment O. Reg. 399/07

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

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

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				
Linadane (Total)				
Malathion				
Methoxychlor				
Metolachlor				
Metribuzin				
Monochlorobenzene				
Paraquat				
Parathion				
Pentachlorophenol				
Phorate				

Picloram				
Polychlorinated Biphenyls(PCB)				
Prometryne				
Simazine				
THM Plympton distribution (NOTE: show latest quarterly average)	Jan-Dec/07	0.0267	mg/L	No
THM Wyoming distribution (NOTE: show latest quarterly average)	Jan-Dec/07	0.0289	mg/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