

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

Drinking-Water System Number:	220005045
Drinking-Water System Name:	Loretto Heights Well Supply
Drinking-Water System Owner:	Township of Adjala – Tosorontio
Drinking-Water System Category:	Small Municipal Residential
Period being reported:	January 1, 2008 to December 31, 2008

<p><u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u></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>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; margin-top: 10px;"> Summary Report is available for inspection at the Municipal Office. </div>	<p><u>Complete for all other Categories.</u></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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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 [x]

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

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 Loretto Heights water system is classified as a Small Municipal Residential water system that currently serves approximately 26 homes. Water is supplied via one well and pumphouse. Inspections and maintenance duties are conducted by municipal staff on a regular basis and are in compliance with O. Reg 170/03 to ensure that Loretto's water supply is safe to drink.

List all water treatment chemicals used over this reporting period

Sodium Hypochlorite (Chlorine)

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

Change meter for calibration
 Install new chlorine analyzer with P.H. compensator
 Well Pump replacement and pitless adapter

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
02/17/08	Sodium	56	Mg/L	Resample/re-test	02/17/08
10/14/08	Well Pump Replacement	n/a	n/a	BWA/resample	10/17/08

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	52	0-6
Treated	52	0	0	52	0-2
Distribution	104	0	0	104	0-4

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	8760	0.0913 – 2.046
Chlorine	8760	0.200 – 2.0031
Fluoride (If the DWS provides fluoridation)	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.

Date of legal instrument issued	Parameter	Date Sampled	Result	Unit of Measure
N/A				

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	02/04/08	N/D	MG/L	0
Arsenic	02/04/08	0.006	MG/L	0
Barium	02/04/08	0.1	MG/L	0
Boron	02/04/08	0.17	MG/L	0
Cadmium	02/04/08	N/D	MG/L	0
Chromium	02/04/08	0.0023	MG/L	0
Lead	02/04/08	0.0021	MG/L	0
Mercury	02/04/08	N/D	MG/L	0
Selenium	02/04/08	N/D	MG/L	0
Sodium	10/12/07	56	MG/L	0
Uranium	02/07/05	N/D	MG/L	0
Fluoride	02/04/08	0.3	MG/L	0
Nitrite	10/20/08	N/D	MG/L	0
Nitrate	10/20/08	N/D	MG/L	0

Summary of lead testing under Schedule 15.1 during this reporting period

(applicable to the following drinking water systems; large municipal residential systems, small municipal residential systems, and non-municipal year-round residential systems)

Location Type	Number of Samples	Range of Lead Results (min#) – (max #)	Number of Exceedances
Plumbing	6	0-1.3mg/L	0
Distribution	2	ND	0

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	02/09/06	N/D	UG/L	0
Aldicarb	02/09/06	N/D	UG/L	0
Aldrin + Dieldrin	02/09/06	N/D	UG/L	0
Atrazine + N-dealkylated metabolites	02/09/06	N/D	UG/L	0
Azinphos-methyl	02/09/06	N/D	UG/L	0
Bendiocarb	02/09/06	N/D	UG/L	0
Benzene	02/09/06	N/D	UG/L	0
Benzo(a)pyrene	02/09/06	N/D	UG/L	0
Bromoxynil	02/09/06	N/D	UG/L	0
Carbaryl	02/09/06	N/D	UG/L	0
Carbofuran	02/09/06	N/D	UG/L	0
Carbon Tetrachloride	02/09/06	N/D	UG/L	0
Chlordane (Total)	02/09/06	N/D	UG/L	0
Chlorpyrifos	02/09/06	N/D	UG/L	0
Cyanazine	02/09/06	N/D	UG/L	0
Diazinon	02/09/06	N/D	UG/L	0
Dicamba	02/09/06	N/D	UG/L	0
1,2-Dichlorobenzene	02/09/06	N/D	UG/L	0
1,4-Dichlorobenzene	02/09/06	N/D	UG/L	0
Dichlorodiphenyltrichloroethane (DDT) + metabolites	02/09/06	N/D	UG/L	0
1,2-Dichloroethane	02/09/06	N/D	UG/L	0
1,1-Dichloroethylene (vinylidene chloride)	02/09/06	N/D	UG/L	0
Dichloromethane	02/09/06	N/D	UG/L	0
2-4 Dichlorophenol	02/09/06	N/D	UG/L	0
2,4-Dichlorophenoxy acetic acid (2,4-D)	02/09/06	N/D	UG/L	0
Diclofop-methyl	02/09/06	N/D	UG/L	0
Dimethoate	02/09/06	N/D	UG/L	0
Dinoseb	02/09/06	N/D	UG/L	0
Diquat	02/09/06	N/D	UG/L	0
Diuron	02/09/06	N/D	UG/L	0
Glyphosate	02/09/06	N/D	UG/L	0
Heptachlor + Heptachlor Epoxide	02/09/06	N/D	UG/L	0

Lindane (Total)	02/09/06	N/D	UG/L	0
Malathion	02/09/06	N/D	UG/L	0
Methoxychlor	02/09/06	N/D	UG/L	0
Metolachlor	02/09/06	N/D	UG/L	0
Metribuzin	02/09/06	N/D	UG/L	0
Monochlorobenzene	02/09/06	N/D	UG/L	0
Paraquat	02/09/06	N/D	UG/L	0
Parathion	02/09/06	N/D	UG/L	0
Pentachlorophenol	02/09/06	N/D	UG/L	0
Phorate	02/09/06	N/D	UG/L	0
Picloram	02/09/06	N/D	UG/L	0
Polychlorinated Biphenyls(PCB)	02/09/06	N/D	UG/L	0
Prometryne	02/09/06	N/D	UG/L	0
Simazine	02/09/06	N/D	UG/L	0
THM (NOTE: show latest annual average)	10/20/08	55.9	UG/L	1
Temephos	02/09/06	N/D	UG/L	0
Terbufos	02/09/06	N/D	UG/L	0
Tetrachloroethylene	02/09/06	N/D	UG/L	0
2,3,4,6-Tetrachlorophenol	02/09/06	N/D	UG/L	0
Triallate	02/09/06	N/D	UG/L	0
Trichloroethylene	02/09/06	N/D	UG/L	0
2,4,6-Trichlorophenol	02/09/06	N/D	UG/L	0
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	02/09/06	N/D	UG/L	0
Trifluralin	02/09/06	N/D	UG/L	0
Vinyl Chloride	02/09/06	N/D	UG/L	0

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)