



<b>Drinking-Water System Number:</b>	260005281
<b>Drinking-Water System Name:</b>	Auburn Well Supply
<b>Drinking-Water System Owner:</b>	Municipality of Central Huron
<b>Drinking-Water System Category:</b>	Small Municipal Residential
<b>Period being reported:</b>	January 1 to December 31, 2009

<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>Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</p> <table border="1" style="width: 100%;"> <tr> <td>Municipal Office 23 Albert St. Clinton Ontario</td> </tr> <tr> <td>Utilities Work Centre 17 Park Lane Clinton Ontario</td> </tr> </table>	Municipal Office 23 Albert St. Clinton Ontario	Utilities Work Centre 17 Park Lane Clinton Ontario	<p><b><u>Complete for all other Categories.</u></b></p> <p>Number of Designated Facilities served: <input 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 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>
Municipal Office 23 Albert St. Clinton Ontario			
Utilities Work Centre 17 Park Lane Clinton Ontario			

**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 [ ]



**Ontario Drinking-Water Systems Regulation O. Reg. 170/03  
Auburn Well Supply Annual Report 2009**

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 new Auburn Well Supply went on line in April 2009. It consists of a 35 m deep, 150mm diameter drilled groundwater well with pump rated at 113.5 L/min and 3 pressure tanks. Primary disinfection is provided by 2 ultraviolet disinfection units. Secondary disinfection is maintained by addition of sodium hypochlorite using 2 chlorine pumps with automatic failure switchover. Iron sequestering is achieved by addition of sodium silicate. A 30 kW diesel generator with automatic transfer switch provides backup power. The distribution system supplies a small number of customers, including the United Church and Community Hall. It has no hydrants, valves or blowoffs.

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

Sodium hypochlorite  
Sodium silicate

**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**

**Final commissioning of new well supply and upgraded pumphouse.**

**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



**Ontario Drinking-Water Systems Regulation O. Reg. 170/03  
Auburn Well Supply Annual Report 2009**

**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	53	0-0	0-0	0	
Treated	58	0-0	0-0	52	0-1
Distribution	58	0-0	0-0	52	0-15

**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	13	0-3.14
Chlorine, treated	8760	0.3 – 2.5 mg/L
Chlorine, dist.	116	0.57 – 1.62 mg/L
Fluoride (If the DWS provides fluoridation)	na	

*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	Feb 9, 2009	ND	µg/L	No
Arsenic	Feb 9, 2009	5	µg/L	No
Barium	Feb 9, 2009	190	µg/L	No
Boron	Feb 9, 2009	27	µg/L	No
Cadmium	Feb 9, 2009	ND	µg/L	No
Chromium	Feb 9, 2009	ND	µg/L	No
*Lead	See table below			
Mercury	Feb 9, 2009	ND	mg/L	No
Selenium	Feb 9, 2009	ND	µg/L	No
Sodium	Oct 6, 2008	13	mg/L	No
Uranium	Feb 9, 2009	1.7	µg/L	No



# Ontario Drinking-Water Systems Regulation O. Reg. 170/03 Auburn Well Supply Annual Report 2009

Fluoride	Feb 9, 2009	1.2	mg/L	No
Nitrite	Feb 9, 2009	ND	mg/L	No
Nitrate	Feb 9, 2009	ND	mg/L	No

\*only for drinking water systems testing under Schedule 15.2; this includes large municipal non-residential systems, small municipal non-residential systems, non-municipal seasonal residential systems, large non-municipal non-residential systems, and small non-municipal non-residential systems

## 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	0		
Distribution	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	Feb 9, 2009	ND	µg/L	No
Aldicarb	Feb 9, 2009	ND	µg/L	No
Aldrin + Dieldrin	Feb 9, 2009	ND	µg/L	No
Atrazine + N-dealkylated metabolites	Feb 9, 2009	ND	µg/L	No
Azinphos-methyl	Feb 9, 2009	ND	µg/L	No
Bendiocarb	Feb 9, 2009	ND	µg/L	No
Benzene	Feb 9, 2009	ND	µg/L	No
Benzo(a)pyrene	Feb 9, 2009	ND	µg/L	No
Bromoxynil	Feb 9, 2009	ND	µg/L	No
Carbaryl	Feb 9, 2009	ND	µg/L	No
Carbofuran	Feb 9, 2009	ND	µg/L	No
Carbon Tetrachloride	Feb 9, 2009	ND	µg/L	No
Chlordane (Total)	Feb 9, 2009	ND	µg/L	No
Chlorpyrifos	Feb 9, 2009	ND	µg/L	No
Cyanazine	Feb 9, 2009	ND	µg/L	No
Diazinon	Feb 9, 2009	ND	µg/L	No
Dicamba	Feb 9, 2009	ND	µg/L	No
1,2-Dichlorobenzene	Feb 9, 2009	ND	µg/L	No
1,4-Dichlorobenzene	Feb 9, 2009	ND	µg/L	No
Dichlorodiphenyltrichloroethane (DDT) + metabolites	Feb 9, 2009	ND	µg/L	No
1,2-Dichloroethane	Feb 9, 2009	ND	µg/L	No
1,1-Dichloroethylene (vinylidene chloride)	Feb 9, 2009	ND	µg/L	No



**Ontario Drinking-Water Systems Regulation O. Reg. 170/03  
Auburn Well Supply Annual Report 2009**

Dichloromethane	Feb 9, 2009	ND	µg/L	No
2-4 Dichlorophenol	Feb 9, 2009	ND	µg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	Feb 9, 2009	ND	µg/L	No
Diclofop-methyl	Feb 9, 2009	ND	µg/L	No
Dimethoate	Feb 9, 2009	ND	µg/L	No
Dinoseb	Feb 9, 2009	ND	µg/L	No
Diquat	Feb 9, 2009	ND	µg/L	No
Diuron	Feb 9, 2009	ND	µg/L	No
Glyphosate	Feb 9, 2009	ND	µg/L	No
Heptachlor + Heptachlor Epoxide	Feb 9, 2009	ND	µg/L	No
Lindane (Total)	Feb 9, 2009	ND	µg/L	No
Malathion	Feb 9, 2009	ND	µg/L	No
Methoxychlor	Feb 9, 2009	ND	µg/L	No
Metolachlor	Feb 9, 2009	ND	µg/L	No
Metribuzin	Feb 9, 2009	ND	µg/L	No
Monochlorobenzene	Feb 9, 2009	ND	µg/L	No
Paraquat	Feb 9, 2009	ND	µg/L	No
Parathion	Feb 9, 2009	ND	µg/L	No
Pentachlorophenol	Feb 9, 2009	ND	µg/L	No
Phorate	Feb 9, 2009	ND	µg/L	No
Picloram	Feb 9, 2009	ND	µg/L	No
Polychlorinated Biphenyls(PCB)	Feb 9, 2009	ND	µg/L	No
Prometryne	Feb 9, 2009	ND	µg/L	No
Simazine	Feb 9, 2009	ND	µg/L	No
THM (NOTE: show latest annual average)	2009	0.0056	mg/L	No
Temephos	Feb 9, 2009	ND	µg/L	No
Terbufos	Feb 9, 2009	ND	µg/L	No
Tetrachloroethylene	Feb 9, 2009	ND	µg/L	No
2,3,4,6-Tetrachlorophenol	Feb 9, 2009	ND	µg/L	No
Triallate	Feb 9, 2009	ND	µg/L	No
Trichloroethylene	Feb 9, 2009	ND	µg/L	No
2,4,6-Trichlorophenol	Feb 9, 2009	ND	µg/L	No
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	Feb 9, 2009	ND	µg/L	No
Trifluralin	Feb 9, 2009	ND	µg/L	No
Vinyl Chloride	Feb 9, 2009	ND	µg/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
Fluoride	1.2	mg/L	Feb 9, 2009