



**OPTIONAL ANNUAL REPORT TEMPLATE**

<b>Drinking-Water System Number:</b>	210003985
<b>Drinking-Water System Name:</b>	Mount Brydges Water Works
<b>Drinking-Water System Owner:</b>	Municipality of Strathroy-Caradoc
<b>Drinking-Water System Category:</b>	Large Municipal Residential
<b>Period being reported:</b>	January 1, 2010 to December 31, 2010

<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> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>Municipality of Strathroy-Caradoc 351 Frances Street Strathroy, Ontario N6G 2L7</p> </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>
---	---

**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 ]



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 Mount Brydges Water Supply is obtained from two deep drilled wells operating under the Permit to Take Water # 5675-6KBMC5 and has a total rated capacity of 3110m<sup>3</sup>/d.

**Well Pumphouse**

-a pump house located at 9110 Oriole Drive serving Wells #1 and #2, housing control panels, valves, pressure gauges, flow meters and including:

- a sodium hypochlorite disinfection system consisting of one 170L capacity sodium hypochlorite solution storage tank with containment and two positive displacement chemical metering pumps with a feed line discharging into the well pump header at the exit from the pump house, rated at 283 L/d and 1034 kPa and 454L/d and 690 kPa respectively;
- a 45 kW 60 Hz propane fired stand-by emergency generator set, serving the well water pump house.
- One on-line residual chlorine analyzer, and one on line turbidimeter

**Transmission Main**

- 250 mm nominal diameter water main approximately 2.4 km long connecting the water supply from the wells to the Reservoir,
- 150 mm retention loop watermain to feed customers in close proximatety to the well house

**Reservoir**

- one 1639m<sup>3</sup> inground storage reservoir with two cells located at 8673 Glendon Drive Mount Brydges, including reservoir drainage and overflow facilities;

**High Lift Pumping Station**

- highlift pumping station is joined to the reservoir by a common wall and consists of the following:
- four vertical centrifugal pumps each complete with suction piece, bowl assembly, impeller shafting and motor complete with valves (gate, solenoid controlled hydraulic check and pressure reducing), piping sampling tap and control panels, performance ratings of pumps are as follows:
- pump 1 rating capacity of 41 L/s, rating total head of 51.2m, pump 2 capacity of 60 L/s, rating total head of 51.2m, and pumps 3 and 4 each with rating capacity of 58.13 L/s, and rating total head each of 63.4m.
- chlorine residual is monitored entering and leaving the reservoir



The highlift pumps pump to the distribution system and to the storage tower that has a holding capacity of 720 m3. The tower also is equipped with chlorine residual monitoring.

Note: On December 8th, 2010, the one remaining well (well #1) was turned off with 100 % of the supply originating from the Lake Huron Primary Water System.

Mount Brydges is now supplied water from the Arva Reservoir/Pump Station. The water enters the Mount Brydges Distribution System at Monitoring Station #2 located at the intersection of Springwell Road and Falconbridge Drive. The 300 mm line flows to the former well house now known as Monitoring Station #3 where flow is measured and secondary chlorine added as required.

Water Quality information pertaining to the new water supply (Lake Huron Primary Water Supply) is also available on the Municipality of Strathroy-Caradoc web-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

Please provide a brief description and a breakdown of monetary expenses incurred

-Construction was completed on the new water transmission main from Arva to the Mount Brydges Well House.

-Well #2 was decommissioned on November 8, 2010. Well #1 was disconnected from the water system on December 8/9, 2010.

-Mount Brydges Water Tower was re-painted.

-A portion of the watermain on Lion's Park Drive was reconstructed in conjunction with the sanitary sewer construction.

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
Dec 9/10	Free Chlorine	0.02	mg/L	Backflushed line	Dec 10/10

**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 #)
<b>Raw</b>	93	0-0	0-0	93	0-90
<b>Treated</b>	52	0-0	0-0	52	0-50
<b>Distribution</b>	157	0-0	0-0	157	0-100

**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 #)
<b>Turbidity</b>	<b>22</b>	<b>0.11-0.43</b>
<b>Chlorine</b>	<b>8760</b>	<b>0.68-1.75</b>
<b>Fluoride (If the DWS provides fluoridation)</b>	<b>N/A</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.*

**Well #1**

**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
<b>December 28/05</b>	<b>Organic Nitrogen</b>	<b>Jan 5/10</b>	<b>4.07</b>	mg/L
<b>December 28/05</b>	<b>Organic Nitrogen</b>	<b>Apr 6/10</b>	<b>0.07</b>	mg/L
<b>December 28/05</b>	<b>Organic Nitrogen</b>	<b>Jul 6/10</b>	<b>1.01</b>	mg/L
<b>December 28/05</b>	<b>Organic Nitrogen</b>	<b>Oct 12/10</b>	<b>0.45</b>	mg/L

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
<b>Antimony</b>	Oct 2/07	0.08	ug/L	No
<b>Arsenic</b>	Oct 2/07	0.4	ug/L	No
<b>Barium</b>	Oct 2/07	35.0	ug/L	No

<b>Boron</b>	Oct 2/07	18.0	ug/L	No
<b>Cadmium</b>	Oct 2/07	0.003<MDL	ug/L	No
<b>Chromium</b>	Oct 2/07	0.5<MDL	ug/L	No
<b>Lead</b>			mg/L	No
<b>Mercury</b>	Oct 2/07	0.02<MDL	ug/L	No
<b>Selenium</b>	Oct 2/07	1<MDL	ug/L	No
<b>Sodium</b>	Oct 2/07	20.5	mg/L	Yes
<b>Uranium</b>	Oct 2/07	0.512	ug/L	No
<b>Fluoride</b>	Oct 2/07	0.11	mg/L	No
<b>Nitrite</b>	Jan 5/10	0.005	mg/L	No
	Apr 6/10	0.005<MDL	mg/L	No
	Jul 6/10	0.006	mg/L	No
	Oct 12/10	0.005	mg/L	No
<b>Nitrate</b>	Jan 5/10	8.02	mg/L	No
	Apr 6/10	7.36	mg/L	No
	Jul 6/10	6.00	mg/L	No
	Oct 12/10	6.80	mg/L	No

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

<b>Parameter</b>	<b>Sample Date</b>	<b>Result Value</b>	<b>Unit of Measure</b>	<b>Exceedance</b>
<b>Alachlor</b>	Oct 2/07	0.11<MDL	ug/L	No
<b>Aldicarb</b>	Oct 2/07	0.30<MDL	ug/L	No
<b>Aldrin + Dieldrin</b>	Oct 2/07	0.067<MDL	ug/L	No
<b>Atrazine + N-dealkylated metabolites</b>	Oct 2/07	0.12<MDL	ug/L	No
<b>Azinphos-methyl</b>	Oct 2/07	0.21<MDL	ug/L	No
<b>Bendiocarb</b>	Oct 2/07	0.13<MDL	ug/L	No
<b>Benzene</b>	Oct 2/07	0.37<MDL	ug/L	No
<b>Benzo(a)pyrene</b>	Oct 2/07	0.004<MDL	ug/L	No
<b>Bromoxynil</b>	Oct 2/07	0.33<MDL	ug/L	No
<b>Carbaryl</b>	Oct 2/07	0.16<MDL	ug/L	No
<b>Carbofuran</b>	Oct 2/07	0.37<MDL	ug/L	No
<b>Carbon Tetrachloride</b>	Oct 2/07	0.41<MDL	ug/L	No
<b>Chlordane (Total)</b>	Oct 2/07	0.11<MDL	ug/L	No
<b>Chlorpyrifos</b>	Oct 2/07	0.18<MDL	ug/L	No
<b>Cyanazine</b>	Oct 2/07	0.18<MDL	ug/L	No
<b>Diazinon</b>	Oct 2/07	0.081<MDL	ug/L	No
<b>Dicamba</b>	Oct 2/07	0.20<MDL	ug/L	No
<b>1,2-Dichlorobenzene</b>	Oct 2/07	0.50<MDL	ug/L	No
<b>1,4-Dichlorobenzene</b>	Oct 2/07	0.21<MDL	ug/L	No
<b>Dichlorodiphenyltrichloroethane (DDT) + metabolites</b>	Oct 2/07	0.14<MDL	ug/L	No
<b>1,2-Dichloroethane</b>	Oct 2/07	0.43<MDL	ug/L	No

1,1-Dichloroethylene (vinylidene chloride)	Oct 2/07	0.41<MDL	ug/L	No
Dichloromethane	Oct 2/07	0.34<MDL	ug/L	No
2-4 Dichlorophenol	Oct 2/07	0.15<MDL	ug/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	Oct 2/07	0.19<MDL	ug/L	No
Diclofop-methyl	Oct 2/07	0.40<MDL	ug/L	No
Dimethoate	Oct 2/07	0.12<MDL	ug/L	No
Dinoseb	Oct 2/07	0.36<MDL	ug/L	No
Diquat	Oct 2/07	1<MDL	ug/L	No
Diuron	Oct 2/07	0.087<MDL	ug/L	No
Glyphosate	Oct 2/07	6<MDL	ug/L	No
Heptachlor + Heptachlor Epoxide	Oct 2/07	0.11<MDL	ug/L	No
Linadane (Total)	Oct 2/07	0.056<MDL	ug/L	No
Malathion	Oct 2/07	0.091<MDL	ug/L	No
Methoxychlor	Oct 2/07	0.14<MDL	ug/L	No
Metolachlor	Oct 2/07	0.092<MDL	ug/L	No
Metribuzin	Oct 2/07	0.12<MDL	ug/L	No
Monochlorobenzene	Oct 2/07	0.58<MDL	ug/L	No
Paraquat	Oct 2/07	1<MDL	ug/L	No
Parathion	Oct 2/07	0.18<MDL	ug/L	No
Pentachlorophenol	Oct 2/07	0.15<MDL	ug/L	No
Phorate	Oct 2/07	0.11<MDL	ug/L	No
Picloram	Oct 2/07	0.25<MDL	ug/L	No
Polychlorinated Biphenyls(PCB)	Oct 2/07	0.04<MDL	ug/L	No
Prometryne	Oct 2/07	0.23<MDL	ug/L	No
Simazine	Oct 2/07	0.15<MDL	ug/L	No
THM (NOTE: show latest annual average)			ug/L	No
Temephos	Oct 2/07	0.31<MDL	ug/L	No
Terbufos	Oct 2/07	0.12<MDL	ug/L	No
Tetrachloroethylene	Oct 2/07	0.45<MDL	ug/L	No
2,3,4,6-Tetrachlorophenol	Oct 2/07	0.14<MDL	ug/L	No
Triallate	Oct 2/07	0.10<MDL	ug/L	No
Trichloroethylene	Oct 2/07	0.38<MDL	ug/L	No
2,4,6-Trichlorophenol	Oct 2/07	0.25<MDL	ug/L	No
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	Oct 2/07	0.22<MDL	ug/L	No
Trifluralin	Oct 2/07	0.12<MDL	ug/L	No
Vinyl Chloride	Oct 2/07	0.17<MDL	ug/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
Nitrate	8.02	mg/L	Jan 5/2010
Nitrate	7.96	mg/L	Jan 12/2010



Nitrate	7.16	mg/L	Jan 19/2010
Nitrate	7.50	mg/L	Jan 26/2010
Nitrate	8.32	mg/L	Feb 2/2010
Nitrate	8.02	mg/L	Feb 9/2010
Nitrate	7.42	mg/L	Feb 16/2010
Nitrate	7.75	mg/L	Feb 23/2010
Nitrate	7.46	mg/L	Mar 2/2010
Nitrate	7.47	mg/L	Mar 9/2010
Nitrate	8.72	mg/L	Mar 16/2010
Nitrate	8.38	mg/L	Mar 23/2010
Nitrate	7.92	mg/L	Mar 30/2010
Nitrate	7.36	mg/L	Apr 6/2010
Nitrate	7.60	mg/L	Apr 13/2010
Nitrate	9.72	mg/L	Apr 20/2010
Nitrate	8.45	mg/L	Apr 27/2010
Nitrate	7.47	mg/L	May 5/2010
Nitrate	7.98	mg/L	May 11/2010
Nitrate	7.29	mg/L	May 18/2010
Nitrate	6.88	mg/L	May 25/2010
Nitrate	6.88	mg/L	Jun 8/2010
Nitrate	6.52	mg/L	Jun 15/2010
Nitrate	7.44	mg/L	Jun 22/2010
Nitrate	6.47	mg/L	Jun 29/2010
Nitrate	6.00	mg/L	Jul 6/2010
Nitrate	6.70	mg/L	Jul 13/2010
Nitrate	6.54	mg/L	Jul 20/2010
Nitrate	6.67	mg/L	Jul 27/2010
Nitrate	7.08	mg/L	Aug 3/2010
Nitrate	6.87	mg/L	Aug 10/2010
Nitrate	6.38	mg/L	Aug 24/2010
Nitrate	6.22	mg/L	Sep 7/2010
Nitrate	6.26	mg/L	Sep 14/2010
Nitrate	6.44	mg/L	Sep 21/2010
Nitrate	6.74	mg/L	Sep 28/2010
Nitrate	6.80	mg/L	Oct 12/2010
Nitrate	8.24	mg/L	Oct 19/2010
Nitrate	8.27	mg/L	Oct 26/2010
Nitrate	6.47	mg/L	Nov 2/2010
Nitrate	6.66	mg/L	Nov 9/2010
Nitrate	8.12	mg/L	Nov 16/2010
Nitrate	7.89	mg/L	Dec 1/2010



**(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)**

**Well #2**

**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
December 28/05 PTTW	Organic Nitrogen	Jan 5/10	0.05<MDL	mg/L
December 28/05 PTTW	Organic Nitrogen	Apr 6/10	0.42	mg/L
December 28/05 PTTW	Organic Nitrogen	Jul 6/10	0.74	mg/L
December 28/05 PTTW	Organic Nitrogen	Oct 12/10	1.00	mg/L

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	Oct 2/07	0.04	mg/L	No
Arsenic	Oct 2/07	0.2<MDL	mg/L	No
Barium	Oct 2/07	17.6	mg/L	No
Boron	Oct 2/07	16	mg/L	No
Cadmium	Oct 2/07	0.006	mg/L	No
Chromium	Oct 2/07	0.7	mg/L	No
Lead			mg/L	No
Mercury	Oct 2/07	0.02<MDL	mg/L	No
Selenium	Oct 2/07	1<MDL	mg/L	No
Sodium	Oct 2/07	10.9	mg/L	No
Uranium	Oct 2/07	0.437	mg/L	No
Fluoride	Oct 2/07	0.70	mg/l	No
Nitrite	Jan 5/10	0.005<MDL	mg/L	No
	Apr 6/10	0.013	mg/L	No
	Jul 6/10	0.022	mg/L	No
	Oct 12/10	0.012	mg/L	No
Nitrate	Jan 5/10	21.4	mg/L	Yes
	Apr 6/10	17.0	mg/L	Yes
	Jul 6/10	14.8	mg/L	Yes
	Oct 12/10	17.3	mg/L	Yes



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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	Oct 2/07	0.11<MDL	ug/L	No
Aldicarb	Oct 2/07	0.30<MDL	ug/L	No
Aldrin + Dieldrin	Oct 2/07	0.067<MDL	ug/L	No
Atrazine + N-dealkylated metabolites	Oct 2/07	0.12<MDL	ug/L	No
Azinphos-methyl	Oct 2/07	0.21<MDL	ug/L	No
Bendiocarb	Oct 2/07	0.13<MDL	ug/L	No
Benzene	Oct 2/07	0.37<MDL	ug/L	No
Benzo(a)pyrene	Oct 2/07	0.004<MDL	ug/L	No
Bromoxynil	Oct 2/07	0.33<MDL	ug/L	No
Carbaryl	Oct 2/07	0.16<MDL	ug/L	No
Carbofuran	Oct 2/07	0.37<MDL	ug/L	No
Carbon Tetrachloride	Oct 2/07	0.41<MDL	ug/L	No
Chlordane (Total)	Oct 2/07	0.11<MDL	ug/L	No
Chlorpyrifos	Oct 2/07	0.18<MDL	ug/L	No
Cyanazine	Oct 2/07	0.18<MDL	ug/L	No
Diazinon	Oct 2/07	0.81<MDL	ug/L	No
Dicamba	Oct 2/07	0.20<MDL	ug/L	No
1,2-Dichlorobenzene	Oct 2/07	0.50<MDL	ug/L	No
1,4-Dichlorobenzene	Oct 2/07	0.21<MDL	ug/L	No
Dichlorodiphenyltrichloroethane (DDT) + metabolites	Oct 2/07	0.14<MDL	ug/L	No
1,2-Dichloroethane	Oct 2/07	0.50<MDL	ug/L	No
1,1-Dichloroethylene (vinylidene chloride)	Oct 2/07	0.41<MDL	ug/L	No
Dichloromethane	Oct 2/07	0.34<MDL	ug/L	No
2-4 Dichlorophenol	Oct 2/07	0.15<MDL	ug/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	Oct 2/07	0.19<MDL	ug/L	No
Diclofop-methyl	Oct 2/07	0.40<MDL	ug/L	No
Dimethoate	Oct 2/07	0.12<MDL	ug/L	No
Dinoseb	Oct 2/07	0.36<MDL	ug/L	No
Diquat	Oct 2/07	1<MDL	ug/L	No
Diuron	Oct 2/07	0.087<MDL	ug/L	No
Glyphosate	Oct 2/07	6<MDL	ug/L	No
Heptachlor + Heptachlor Epoxide	Oct 2/07	0.11<MDL	ug/L	No
Linadane (Total)	Oct 2/07	0.056<MDL	ug/L	No
Malathion	Oct 2/07	0.091<MDL	ug/L	No
Methoxychlor	Oct 2/07	0.14<MDL	ug/L	No

Metolachlor	Oct 2/07	0.092<MDL	ug/L	No
Metribuzin	Oct 2/07	0.12<MDL	ug/L	No
Monochlorobenzene	Oct 2/07	0.58<MDL	ug/L	No
Paraquat	Oct 2/07	1<MDL	ug/L	No
Parathion	Oct 2/07	0.18<MDL	ug/L	No
Pentachlorophenol	Oct 2/07	0.15<MDL	ug/L	No
Phorate	Oct 2/07	0.11<MDL	ug/L	No
Picloram	Oct 2/07	0.25<MDL	ug/L	No
Polychlorinated Biphenyls(PCB)	Oct 2/07	0.04<MDL	ug/L	No
Prometryne	Oct 2/07	0.23<MDL	ug/L	No
Simazine	Oct 2/07	0.15<MDL	ug/L	No
THM (NOTE: show latest annual average)			ug/L	No
Temephos	Oct 2/07	0.31<MDL	ug/L	No
Terbufos	Oct 2/07	0.12<MDL	ug/L	No
Tetrachloroethylene	Oct 2/07	0.45<MDL	ug/L	No
2,3,4,6-Tetrachlorophenol	Oct 2/07	0.14<MDL	ug/L	No
Triallate	Oct 2/07	0.10<MDL	ug/L	No
Trichloroethylene	Oct 2/07	0.38<MDL	ug/L	No
2,4,6-Trichlorophenol	Oct 2/07	0.25<MDL	ug/L	No
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	Oct 2/07	0.22<MDL	ug/L	No
Trifluralin	Oct 2/07	0.12<MDL	ug/L	No
Vinyl Chloride	Oct 2/07	0.17<MDL	ug/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
Nitrate	21.4	mg/L	Jan 5/2010
Nitrate	21.7	mg/L	Jan 12/2010
Nitrate	17.6	mg/L	Jan 19/2010
Nitrate	20.4	mg/L	Jan 26/2010
Nitrate	20.6	mg/L	Feb 2/2010
Nitrate	21.0	mg/L	Feb 9/2010
Nitrate	17.5	mg/L	Feb 16/2010
Nitrate	20.1	mg/L	Feb 23/2010
Nitrate	20.4	mg/L	Mar 2/2010
Nitrate	17.7	mg/L	Mar 9/2010
Nitrate	20.1	mg/L	Mar 16/2010
Nitrate	19.2	mg/L	Mar 23/2010
Nitrate	19.2	mg/L	Mar 30/2010
Nitrate	17.0	mg/L	Apr 6/2010
Nitrate	20.4	mg/L	Apr 13/2010
Nitrate	18.4	mg/L	Apr 20/2010



Nitrate	20.1	mg/L	Apr 27/2010
Nitrate	19.5	mg/L	May 5/2010
Nitrate	18.9	mg/L	May 11/2010
Nitrate	16.1	mg/L	May 18/2010
Nitrate	19.6	mg/L	May 25/2010
Nitrate	23.4	mg/L	Jun 8/2010
Nitrate	17.8	mg/L	Jun 15/2010
Nitrate	21.8	mg/L	Jun 22/2010
Nitrate	15.8	mg/L	Jun 29/2010
Nitrate	14.8	mg/L	Jul 6/2010
Nitrate	19.9	mg/L	Jul 13/2010
Nitrate	19.9	mg/L	Jul 20/2010
Nitrate	20.1	mg/L	Jul 27/2010
Nitrate	20.2	mg/L	Aug 3/2010
Nitrate	18.0	mg/L	Aug 10/2010
Nitrate	19.6	mg/L	Aug 24/2010
Nitrate	15.9	mg/L	Sep 7/2010
Nitrate	17.9	mg/L	Sep 14/2010
Nitrate	20.1	mg/L	Sep 21/2010
Nitrate	21.5	mg/L	Sep 28/2010
Nitrate	17.3	mg/L	Oct 12/2010
Nitrate	22.1	mg/L	Oct 19/2010
Nitrate	22.3	mg/L	Oct 26/2010
Nitrate	18.4	mg/L	Nov 2/2010

(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)

**Distribution Sample**

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
Feb 20/04	Selenium	Jan 5/10	1<MDL	ug/L
		Apr 6/10	1<MDL	ug/L
		Jul 6/10	1<MDL	ug/L
		Oct 4/10	1	ug/L

**End of Distribution Sample (Birmingham Rd.)**

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	Dec 8/04	ND	mg/L	No
Arsenic	Dec 8/04	ND	mg/L	No
Barium	Dec 8/04	0.031	mg/L	No



<b>Boron</b>	Dec 8/04	0.025	mg/L	No
<b>Cadmium</b>	Dec 8/04	ND	mg/L	No
<b>Chromium</b>	Dec 8/04	0.0033	mg/L	No
<b>*Lead</b>				
<b>Mercury</b>	Dec 8/04		mg/L	No
<b>Selenium</b>	Oct 7/09	1<MDL	ug/L	No
<b>Sodium</b>	Dec 8/04	16	mg/L	No
<b>Uranium</b>	Dec 8/04	ND	mg/L	No
<b>Fluoride</b>	Dec 8/04		mg/L	No
<b>Nitrite</b>	Dec 8/04		mg/L	No
<b>Nitrate</b>	Dec 8/04		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)

<b>Location Type</b>	<b>Number of Samples</b>	<b>Range of Lead Results (min#) – (max #)</b>	<b>Number of Exceedances</b>
<b>Plumbing</b>	<b>13</b>	<b>0.14-1810.00</b>	<b>0</b>
<b>Distribution</b>	<b>6</b>	<b>0.11-1.05</b>	<b>0</b>

**Note: Sampling is from 2009. Mount Brydges is under an exemption from Lead sampling. However, the connection to Lake Huron in December will result in the commencement of Lead sampling.**

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

<b>Parameter</b>	<b>Sample Date</b>	<b>Result Value</b>	<b>Unit of Measure</b>	<b>Exceedance</b>
<b>THM</b> (NOTE: show latest annual average)	<b>Jan 5/10</b>	<b>9.8</b>	<b>ug/L</b>	<b>No</b>
	<b>Apr 6/10</b>	<b>9.9</b>	<b>ug/L</b>	<b>No</b>
	<b>Jul 6/10</b>	<b>10</b>	<b>ug/L</b>	<b>No</b>
	<b>Oct 4/10</b>	<b>14</b>	<b>ug/L</b>	<b>No</b>

**List any Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards.**

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