

## Part III Form 2

### Section 11. ANNUAL REPORT.

<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, 2007 to December 31, 2007

<p><b><u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u></b></p> <p><b>Does your Drinking-Water System serve more than 10,000 people? Yes [ ] No [X]</b></p> <p><b>Is your annual report available to the public at no charge on a web site on the Internet? Yes [X] No [ ]</b></p> <p><b>Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</b></p> <div style="border: 1px solid black; padding: 5px;"> Municipality of Strathroy-Caradoc 351 Frances Street Strathroy, Ontario N7G 2L7 </div>	<p><b><u>Complete for all other Categories.</u></b></p> <p><b>Number of Designated Facilities served:</b></p> <div style="border: 1px solid black; width: 100px; height: 20px; margin: 5px 0;"></div> <p><b>Did you provide a copy of your annual report to all Designated Facilities you serve? Yes [ ] No [ ]</b></p> <p><b>Number of Interested Authorities you report to:</b> <div style="border: 1px solid black; width: 100px; height: 20px; margin: 5px 0;"></div></p> <p><b>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes [ ] No [ ]</b></p>
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**List Drinking-Water Systems, which receive all of their drinking water from your system:**

None

**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

[X] 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 proximity 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 m<sup>3</sup>. The tower also is equipped with chlorine residual monitoring.

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

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

Describe

-Replaced 250 mm watermain header leaving well house due to leak under the building.  
 -Replaced actuator valves on chlorine feed system for well #1 and #2.  
 -Replaced ASCO valve on 250 mm line at reservoir.  
 -Replaced the pump motor for well #2  
 -Constructed new enclosure and base for well #2.

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
07/05/15	Total Coliform	1	#/100ml	Resample	07/05/22
07/05/15	E. Coli	1	#/100ml	Resample	07/05/22
07/10/14	Low Chlorine	<0.05	mg/L	Flush	07/10/15
07/11/09	Low Chlorine	<0.05	mg/L	Routine Maintenance	07/11/09

Microbiological testing done under section 8-2 during this reporting period

	Number of Samples	Range of E.Coli Or Fecal Results (#-#)	Range of Total Coliform Results (#-#)	Number of HPC Samples Or Background Colony Counts	Range of HPC Results (#-#) Or Background Colony Counts
Raw	97	0-0	0-17	97	0-1020
Treated	52	0-0	0-0	52	0-30
Distribution	160	0-1	0-1	160	0-1460

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

	Number of Grab Samples	Range of Results (#-#)
Turbidity	8760	0-5.09
Chlorine	8760	0.001-5.02
Chlorine Residual Distribution System	8760	0-4.98
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.*

### 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
December 28/05 PTTW	Organic Nitrogen	Jan 9/07	0.37	mg/L
December 28/05 PTTW	Organic Nitrogen	Apr 3/07	0.05<MDL	mg/L
December 28/05 PTTW	Organic Nitrogen	Jul 3/07	0.52	mg/L
December 28/05 PTTW	Organic Nitrogen	Oct 2/07	1.27	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	0.08	ug/L	No
Arsenic	Oct 2/07	0.4	ug/L	No
Barium	Oct 2/07	35.0	ug/L	No
Boron	Oct 2/07	18.0	ug/L	No
Cadmium	Oct 2/07	0.003<MDL	ug/L	No
Chromium	Oct 2/07	0.5<MDL	ug/L	No
Lead			mg/L	No
Mercury	Oct 2/07	0.02<MDL	ug/L	No
Selenium	Oct 2/07	1<MDL	ug/L	No
Sodium	Oct 2/07	20.5	mg/L	Yes
Uranium	Oct 2/07	0.512	ug/L	No
Fluoride	Oct 2/07	0.11	mg/L	No

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

Nitrite	Jan 9/07	0.005<MDL	mg/L	No
	Apr 3/07	0.011	mg/L	No
	Jul 3/07	0.005<MDL	mg/L	No
	Oct 2/07	0.005<MDL	mg/L	No
Nitrate	Jan 9/07	6.9	mg/L	No
	Apr 3/07	8.31	mg/L	No
	Jul 3/07	6.8	mg/L	No
	Oct 2/07	8.16	mg/L	No

## 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	0.081<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	0.43<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

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

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	6.9	mg/L	Jan 9/07
Nitrate	7.02	mg/L	Feb 13/07
Nitrate	7.29	mg/L	Feb 21/07
Nitrate	7.5	mg/L	Feb 28/07
Nitrate	7.53	mg/L	Mar 6/07
Nitrate	8.16	mg/L	Mar 13/07
Nitrate	7.62	mg/L	Mar 20/07
Nitrate	8.0	mg/L	Mar 27/07
Nitrate	8.31	mg/L	Apr 3/07
Nitrate	8.59	mg/L	Apr 10/07

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

Nitrate	8.26	mg/L	Apr 17/07
Nitrate	7.79	mg/L	Apr 24/07
Nitrate	8.3	mg/L	May 1/07
Nitrate	8.42	mg/L	May 8/07
Nitrate	7.96	mg/L	May 15/07
Nitrate	8	mg/L	May 22/07
Nitrate	7.68	mg/L	May 29/07
Nitrate	8.21	mg/L	Jun 5/07
Nitrate	7.18	mg/L	Jun 12/07
Nitrate	6.84	mg/L	Jun 19/07
Nitrate	6.52	mg/L	Jun 27/07
Nitrate	6.8	mg/L	Jul 3/07
Nitrate	6.7	mg/L	Jul 10/07
Nitrate	6.98	mg/L	Jul 17/07
Nitrate	7.5	mg/L	Jul 24/07
Nitrate	7.42	mg/L	Jul 31/07
Nitrate	6.96	mg/L	Aug 7/07
Nitrate	7.85	mg/L	Aug 14/07
Nitrate	7.8	mg/L	Aug 21/07
Nitrate	8.41	mg/L	Aug 28/07
Nitrate	7.92	mg/L	Sep 4/07
Nitrate	9.2	mg/L	Sep 25/07
Nitrate	8.16	mg/L	Oct 2/07
Nitrate	8.64	mg/L	Oct 9/07
Nitrate	8.34	mg/L	Oct 16/07
Nitrate		mg/L	Oct 23/07
Nitrate	9.37	mg/L	Oct 30/07
Nitrate	8.45	mg/L	Nov 6/07
Nitrate	9.32	mg/L	Nov 13/07
Nitrate	8.45	mg/L	Nov 20/07
Nitrate	8.44	mg/L	Nov 27/07
Nitrate		mg/L	Nov 29/07
Nitrate	8.78	mg/L	Dec 4/07
Nitrate	8.1	mg/L	Dec 11/07
Nitrate	7.01	mg/L	Dec 18/07
Nitrate	8.17	mg/L	Dec 27/07

(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 9/07	0.21	mg/L
December 28/05 PTTW	Organic Nitrogen	Apr 3/07	0.30	mg/L
December 28/05 PTTW	Organic Nitrogen	Jul 3/07	0.23	mg/L
December 28/05 PTTW	Organic Nitrogen	Oct 2/07	0.57	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 9/07	0.005<MDL	mg/L	No
	Apr 3/07	0.009	mg/L	No
	Jul 3/07	0.016	mg/L	No
	Oct 2/07	0.005<MDL	mg/L	No
Nitrate	Jan 9/07	10.8	mg/L	No
	Apr 3/07	14.7	mg/L	No
	Jul 3/07	10.2	mg/L	No
	Oct 2/07	9.99	mg/L	No



## 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

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

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	10.8	mg/L	Jan 9/07
Nitrate	13.3	mg/L	Feb 13/07
Nitrate	10.1	mg/L	Feb 21/07
Nitrate	12	mg/L	Feb 28/07
Nitrate	12.3	mg/L	Mar 6/07
Nitrate	9.88	mg/L	Mar 13/07
Nitrate	14.7	mg/L	Apr 3/07
Nitrate	12.9	mg/L	Apr 10/07
Nitrate	13.5	mg/L	Apr 17/07
Nitrate	12.3	mg/L	Apr 24/07
Nitrate	13.4	mg/L	May 1/07
Nitrate	13.3	mg/L	May 8/07
Nitrate	11.1	mg/L	May 15/07
Nitrate	11.5	mg/L	May 22/07
Nitrate	10.5	mg/L	May 29/07
Nitrate	11.8	mg/L	Jun 5/07
Nitrate	9.58	mg/L	Jun 12/07
Nitrate	10.3	mg/L	Jun 19/07
Nitrate	9.56	mg/L	Jun 27/07
Nitrate	10.2	mg/L	Jul 3/07

Nitrate	9.1	mg/L	Jul 10/07
Nitrate	9.84	mg/L	Jul 17/07
Nitrate	8.61	mg/L	Jul 24/07
Nitrate	10.8	mg/L	Jul 31/07
Nitrate	9.47	mg/L	Aug 7/07
Nitrate	9.12	mg/L	Aug 14/07
Nitrate	8.85	mg/L	Aug 21/07
Nitrate	9.2	mg/L	Aug 28/07
Nitrate	9.91	mg/L	Sep 4/07
Nitrate	9.73	mg/L	Sep 25/07
Nitrate	9.99	mg/L	Oct 2/07
Nitrate	9.75	mg/L	Oct 9/07
Nitrate		mg/L	Oct 16/07
Nitrate		mg/L	Oct 23/07
Nitrate		mg/L	Oct 30/07
Nitrate		mg/L	Nov 6/07
Nitrate		mg/L	Nov 13/07
Nitrate	10.5	mg/L	Nov 20/07
Nitrate		mg/L	Nov 27/07
Nitrate	9.92	mg/L	Nov 29/07
Nitrate	9.98	mg/L	Dec 4/07
Nitrate	9.82	mg/L	Dec 11/07
Nitrate	8.84	mg/L	Dec 18/07
Nitrate	11.8	mg/L	Dec 27/07

(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 9/07	2	ug/L
		Apr 3/07	2	ug/L
		Jul 3/07	1	ug/L
		Oct 2/07	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
Boron	Dec 8/04	0.025	mg/L	No
Cadmium	Dec 8/04	ND	mg/L	No
Chromium	Dec 8/04	0.0033	mg/L	No
Lead	Oct 2/07	0.59	ug/L	No
Mercury	Dec 8/04		mg/L	No
Selenium	Oct 2/07	1	ug/L	No
Sodium	Dec 8/04	16	mg/L	No
Uranium	Dec 8/04	ND	mg/L	No
Fluoride	Dec 8/04		mg/L	No
Nitrite	Dec 8/04		mg/L	No
Nitrate	Dec 8/04		mg/L	No

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
THM (NOTE: show latest annual average)	Jan 9/07	11	ug/L	No
	Apr 3/07	11	ug/L	No
	Jul 3/07	9.9	ug/L	No
	Oct 2/07	15	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

(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)