



OPTIONAL ANNUAL REPORT TEMPLATE

Drinking-Water System Number:	210003985
Drinking-Water System Name:	Mount Brydges Water Works
Drinking-Water System Owner:	Municipality of Strathroy-Caradoc
Drinking-Water System Category:	Large Municipal Residential
Period being reported:	January 1, 2009 to December 31, 2009

<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; text-align: center;"> <p>Municipality of Strathroy-Caradoc 351 Frances Street Strathroy, Ontario N6G 2L7</p> </div>	<p><u>Complete for all other Categories.</u></p> <p>Number of Designated Facilities served: <input style="width: 50px; 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: 50px; 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]



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 3110m³/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 1639m³ 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.

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 started on a new water transmission main from Arva to the Mount Brydges Well House. It is anticipated that the new line will be operational in spring of 2010. The existing wells will be decommissioned at that time.
 -The Mount Brydges Water System was extended down Gibson Road, Longwoods, Muncey and Mill Road to provide water to an area that had an insufficient well supply. This new watermain was operational in September of 2009.

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
09/01/15	Lead 1 st Litre Lead 2 nd Litre	1810.0 32.60	ug/L	Resample	09/01/27
09/04/28	Nitrate	10.2	mg/L	DWA in place	09/05/07
09/05/05	Nitrate	10.1	mg/L	DWA in place	09/05/13

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	104	0-0	0-0	104	0->2000
Treated	52	0-0	0-0	52	0-80
Distribution	156	0-0	0-0	156	0-160



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	12	0.11-0.25
Chlorine	8760	0.75-1.97
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	Organic Nitrogen	Jan 13/09	0.81	mg/L
December 28/05	Organic Nitrogen	Apr 7/09	0.05<MDL	mg/L
December 28/05	Organic Nitrogen	Jul 7/09	0.11	mg/L
December 28/05	Organic Nitrogen	Oct 7/09	0.05<MDL	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
Nitrite	Jan 6/09	0.005	mg/L	No
	Apr 7/09	0.015	mg/L	No
	Jul 7/09	0.005<MDL	mg/L	No
	Oct 7/09	0.006	mg/L	No

Nitrate	Jan 6/09	9.57	mg/L	No
	Apr 7/09	8.99	mg/L	No
	Jul 7/09	8.16	mg/L	No
	Oct 7/09	7.42	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
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	9.57	mg/L	Jan 6/2009
Nitrate	9.06	mg/L	Jan 13/2009
Nitrate	9.19	mg/L	Jan 20/2009
Nitrate	9.79	mg/L	Jan 27/2009
Nitrate	8.58	mg/L	Feb 3/2009
Nitrate	9.71	mg/L	Feb 10/2009
Nitrate	9.89	mg/L	Feb 17/2009
Nitrate	9.83	mg/L	Feb 23/2009
Nitrate	10.5	mg/L	Mar 3/2009
Nitrate	8.76	mg/L	Mar 10/2009
Nitrate	8.62	mg/L	Mar 17/2009
Nitrate	8.95	mg/L	Mar 25/2009
Nitrate	10.1	mg/L	Mar 31/2009
Nitrate	8.99	mg/L	Apr 7/2009
Nitrate	8.22	mg/L	Apr 14/2009



Nitrate	8.02	mg/L	Apr 21/2009
Nitrate	8.38	mg/L	Apr 28/2009
Nitrate	7.89	mg/L	May 5/2009
Nitrate	8.20	mg/L	May 12/2009
Nitrate	7.60	mg/L	May 19/2009
Nitrate	7.71	mg/L	May 26/2009
Nitrate	7.66	mg/L	Jun 2/2009
Nitrate	7.28	mg/L	Jun 9/2009
Nitrate	8.38	mg/L	Jun 16/2009
Nitrate	8.17	mg/L	Jun 23/2009
Nitrate	7.64	mg/L	Jun 29/2009
Nitrate	8.16	mg/L	Jul 7/2009
Nitrate	6.83	mg/L	Jul 14/2009
Nitrate	7.16	mg/L	Jul 21/2009
Nitrate	7.42	mg/L	Jul 28/2009
Nitrate	6.98	mg/L	Aug 4/2009
Nitrate	7.67	mg/L	Aug 11/2009
Nitrate	6.72	mg/L	Aug 18/2009
Nitrate	7.19	mg/L	Aug 25/2009
Nitrate	7.69	mg/L	Sep 1/2009
Nitrate	6.91	mg/L	Sep 8/2009
Nitrate	7.06	mg/L	Sep 15/2009
Nitrate	6.93	mg/L	Sep 22/2009
Nitrate	6.92	mg/L	Sep 29/2009
Nitrate	7.42	mg/L	Oct 7/2009
Nitrate	7.74	mg/L	Oct 13/2009
Nitrate	7.97	mg/L	Oct 20/2009
Nitrate	8.34	mg/L	Oct 27/2009
Nitrate	8.07	mg/L	Nov 3/2009
Nitrate	8.70	mg/L	Nov 10/2009
Nitrate	8.06	mg/L	Nov 17/2009
Nitrate	7.88	mg/L	Nov 24/2009
Nitrate	7.07	mg/L	Dec 1/2009
Nitrate	8.08	mg/L	Dec 8/2009
Nitrate	7.91	mg/L	Dec 15/2009
Nitrate	7.79	mg/L	Dec 22/2009
Nitrate	7.88	mg/L	Dec 29/2009

(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 13/09	0.44	mg/L
December 28/05 PTTW	Organic Nitrogen	Apr 7/09	0.05<MDL	mg/L
December 28/05 PTTW	Organic Nitrogen	Jul 7/09	0.05<MDL	mg/L
December 28/05 PTTW	Organic Nitrogen	Oct 7/09	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 6/09	0.005<MDL	mg/L	No
	Apr 7/09	0.005<MDL	mg/L	No
	Jul 7/09	0.005<MDL	mg/L	No
	Oct 7/09	0.005<MDL	mg/L	No
Nitrate	Jan 6/09	19.6	mg/L	Yes
	Apr 7/09	24.0	mg/L	Yes
	Jul 7/09	20.3	mg/L	Yes
	Oct 7/09	22.6	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
Temphos	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	19.6	mg/L	Jan 6/2009
Nitrate	20.3	mg/L	Jan 13/2009
Nitrate	19.9	mg/L	Jan 20/2009
Nitrate	20.8	mg/L	Jan 27/2009
Nitrate	21.9	mg/L	Feb 3/2009
Nitrate	22.6	mg/L	Feb 10/2009
Nitrate	23.2	mg/L	Feb 17/2009
Nitrate	23.9	mg/L	Feb 23/2009
Nitrate	25.3	mg/L	Mar 3/2009
Nitrate	23.2	mg/L	Mar 10/2009
Nitrate	25.6	mg/L	Mar 17/2009
Nitrate	25.5	mg/L	Mar 25/2009
Nitrate	26.9	mg/L	Mar 31/2009
Nitrate	24.0	mg/L	Apr 7/2009
Nitrate	23.2	mg/L	Apr 14/2009
Nitrate	23.8	mg/L	Apr 21/2009
Nitrate	19.5	mg/L	Apr 28/2009
Nitrate	15.9	mg/L	May 5/2009
Nitrate	20.3	mg/L	May 12/2009
Nitrate	21.0	mg/L	May 19/2009
Nitrate	20.0	mg/L	May 26/2009



Nitrate	20.7	mg/L	Jun 2/2009
Nitrate	15.7	mg/L	Jun 9/2009
Nitrate	22.7	mg/L	Jun 16/2009
Nitrate	21.5	mg/L	Jun 23/2009
Nitrate	21.4	mg/L	Jun 29/2009
Nitrate	20.3	mg/L	Jul 7/2009
Nitrate	17.4	mg/L	Jul 14/2009
Nitrate	20.4	mg/L	Jul 21/2009
Nitrate	17.0	mg/L	Jul 28/2009
Nitrate	18.7	mg/L	Aug 4/2009
Nitrate	21.7	mg/L	Aug 11/2009
Nitrate	14.7	mg/L	Aug 18/2009
Nitrate	22.1	mg/L	Aug 25/2009
Nitrate	21.8	mg/L	Sep 1/2009
Nitrate	17.8	mg/L	Sep 8/2009
Nitrate	19.9	mg/L	Sep 15/2009
Nitrate	21.4	mg/L	Sep 22/2009
Nitrate	20.7	mg/L	Sep 29/2009
Nitrate	22.6	mg/L	Oct 7/2009
Nitrate	22.3	mg/L	Oct 13/2009
Nitrate	21.9	mg/L	Oct 20/2009
Nitrate	21.9	mg/L	Oct 27/2009
Nitrate	21.6	mg/L	Nov 3/2009
Nitrate	21.7	mg/L	Nov 10/2009
Nitrate	21.7	mg/L	Nov 17/2009
Nitrate	21.2	mg/L	Nov 24/2009
Nitrate	16.7	mg/L	Dec 1/2009
Nitrate	21.5	mg/L	Dec 8/2009
Nitrate	21.4	mg/L	Dec 15/2009
Nitrate	22.0	mg/L	Dec 22/2009
Nitrate	21.0	mg/L	Dec 29/2009

(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 6/09	1	ug/L
		Apr 7/09	2	ug/L
		Jul 7/09	2	ug/L
		Oct 7/09	1<MDL	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				
Mercury	Dec 8/04		mg/L	No
Selenium	Oct 7/09	1<MDL	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

*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	13	0.14-1810.00	0
Distribution	6	0.11-1.05	0

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
THM (NOTE: show latest annual average)	Jan 6/09	10	ug/L	No
	Apr 7/09	10	ug/L	No
	Jul 7/09	14	ug/L	No
	Oct 7/09	14	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