

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

<b>Drinking-Water System Number:</b>	220001584
<b>Drinking-Water System Name:</b>	Deloro Well Supply System
<b>Drinking-Water System Owner:</b>	The Corporation of the Township of Marmora and Lake
<b>Drinking-Water System Category:</b>	Small Municipal Residential
<b>Period being reported:</b>	January 1, 2006 to December 31, 2006

<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; width: fit-content;">                 Public access/notice via the web             </div>	<p><b><u>Complete for all other Categories.</u></b></p> <p>Number of Designated Facilities served:</p> <div style="border: 1px solid black; padding: 2px; width: fit-content; margin-left: 20px;">                 NONE             </div> <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:</p> <div style="border: 1px solid black; padding: 2px; width: fit-content; margin-left: 20px;">                 NONE             </div> <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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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
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 [ ]

Indicate how you notified system users that your annual report is available, and is free of charge.

- [X] 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**

A one well groundwater under the direct influence of surface water supply system with cartridge filtration and sodium hypochlorite and ultraviolet disinfection. The facility has on-line, alarmed continuous monitoring for treated water free chlorine residual, filter effluent turbidity and distribution water free chlorine residual.

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

Sodium Hypochlorite – 12%

**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**

- Annual Replacement of Chemical Feed Pump Kits and Injectors – Approx. \$800.

**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
Aug. 15/06	Filter Effluent Turbidity	3.20	NTU	Increased chlorine dosage, calibrated the turbidimeter, bled air from filters, checked distribution system chlorine residual. Collected 2 distribution system Bacti samples.	Aug. 15/06

**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	13	0 - 0	0 - 11	2	0 - 0
Treated	Not Required				
Distribution	54	0 - 0	0 - 0	54	0 - 1

**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, Raw (NTU)	12	0.11 – 0.43
Turbidity, Filter Effluent (NTU)	8760	0.0 – 3.20
Chlorine, Treated	8760	0.65 – 1.99
Chlorine, Distribution	8760	0.13 – 2.64
Fluoride (If the DWS provides fluoridation)	N/a	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
NONE	Clostridium, Raw Water	Feb. 13/06	0	CFU/L

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

Parameter	Sample Date	Result Value	Exceedance
Antimony: Sb (ug/L) - TW	2006/03/06	< 0.60	No
Arsenic: As (ug/L) - TW	2006/03/06	6.00	No
Barium: Ba (ug/L) - TW	2006/03/06	251.00	No
Boron: B (ug/L) - TW	2006/03/06	25.00	No
Cadmium: Cd (ug/L) - TW	2006/03/06	< 0.10	No
Chromium: Cr (ug/L) - TW	2006/03/06	< 3.00	No
Lead: Pb (ug/L)	2006/03/06	0.80	No
Mercury: Hg (ug/L) - TW	2006/03/06	< 0.020	No
Selenium: Se (ug/L) - TW	2006/03/06	< 3.00	No

Sodium: Na (mg/L) - TW	2003/09/18	9.90	No
Uranium: U (ug/L) - TW	2006/03/06	0.18	No
Fluoride Residual: Mean (mg/L) - TW	2003/09/18	0.080	No
Nitrite (mg/L) - TW	2006/01/09	0.0050	No
Nitrite (mg/L) - TW	2006/04/10	0.0050	No
Nitrite (mg/L) - TW	2006/07/10	0.0065	No
Nitrite (mg/L) - TW	2006/10/10	0.0050	No
Nitrate (mg/L) - TW	2006/01/09	0.20	No
Nitrate (mg/L) - TW	2006/04/10	2.09	No
Nitrate (mg/L) - TW	2006/07/10	0.0050	No
Nitrate (mg/L) - TW	2006/10/10	0.22	No

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

Parameter	Sample Date	Result Value	Exceedance
Alachlor (ug/L) - TW	2006/03/06	< 0.11	No
Aldicarb (ug/L) - TW	2006/03/06	< 0.30	No
Aldrin + Dieldrin (ug/L) - TW	2006/03/06	< 0.067	No
Atrazine + N-dealkylated metabolites (ug/L) - TW	2006/03/06	< 0.12	No
Azinphos-methyl (ug/L) - TW	2006/03/06	< 0.21	No
Bendiocarb (ug/L) - TW	2006/03/06	< 0.13	No
Benzene (ug/L) - TW	2006/03/06	< 0.37	No
Benzo(a)pyrene (ug/L) - TW	2006/03/06	< 0.0040	No
Bromoxynil (ug/L) - TW	2006/03/06	< 0.094	No
Carbaryl (ug/L) - TW	2006/03/06	< 0.16	No
Carbofuran (ug/L) - TW	2006/03/06	< 0.37	No
Carbon Tetrachloride (ug/L) - TW	2006/03/06	< 0.26	No
Chlordane:Total (ug/L) - TW	2006/03/06	< 0.11	No
Chlorpyrifos (ug/L) - TW	2006/03/06	< 0.18	No
Cyanazine (ug/L) - TW	2006/03/06	< 0.18	No
Diazinon (ug/L) - TW	2006/03/06	< 0.081	No
Dicamba (ug/L) - TW	2006/03/06	< 0.17	No
1,2-Dichlorobenzene (ug/L) - TW	2006/03/06	< 0.50	No
1,4-Dichlorobenzene (ug/L) - TW	2006/03/06	< 0.20	No
Dichlorodiphenyltrichloroethane(DDT) + metabolites (ug/L) - TW	2006/03/06	< 0.14	No
1,2-Dichloroethane (ug/L) - TW	2006/03/06	< 0.43	No
1,1-Dichloroethylene (ug/L) - TW	2006/03/06	< 0.41	No
Dichloromethane (ug/L) - TW	2006/03/06	< 0.32	No
2,4-Dichlorophenol (ug/L) - TW	2006/03/06	< 0.15	No
2,4-Dichlorophenoxy acetic acid (2,4-D) (ug/L) - TW	2006/03/06	< 0.19	No
Diclofop-methyl (ug/L) - TW	2006/03/06	< 0.13	No
Dimethoate (ug/L) - TW	2006/03/06	< 0.12	No
Dinoseb (ug/L) - TW	2006/03/06	< 0.084	No
Diquat (ug/L) - TW	2006/03/06	< 1.00	No
Diuron (ug/L) - TW	2006/03/06	< 0.087	No
Glyphosate (ug/L) - TW	2006/03/06	< 6.00	No

Heptachlor+Hepachlor Epoxide (ug/L) - TW	2006/03/06	< 0.11	No
Lindane: (ug/L) - TW	2006/03/06	< 0.056	No
Malathion (ug/L) - TW	2006/03/06	< 0.091	No
Methoxychlor (ug/L) - TW	2006/03/06	< 0.14	No
Metolachlor (ug/L) - TW	2006/03/06	< 0.092	No
Metribuzin (ug/L) - TW	2006/03/06	< 0.12	No
Monochlorobenzene (ug/L) - TW	2006/03/06	< 0.58	No
Paraquat (ug/L) - TW	2006/03/06	< 1.00	No
Parathion (ug/L) - TW	2006/03/06	< 0.18	No
Pentachlorophenol (ug/L) - TW	2006/03/06	< 0.15	No
Phorate (ug/L) - TW	2006/03/06	< 0.11	No
Picloram (ug/L) - TW	2006/03/06	< 0.20	No
Polychlorinated Bichenysl(PCB) (ug/L) - TW	2006/03/06	< 0.040	No
Prometryne (ug/L) - TW	2006/03/06	< 0.23	No
Simazine (ug/L) - TW	2006/03/06	< 0.15	No
THM (ug/L)	2006	24.45	No
Temephos (ug/L) - TW	2006/03/06	< 0.31	No
Terbufos (ug/L) - TW	2006/03/06	< 0.12	No
Tetrachloroethylene (ug/L) - TW	2006/03/06	< 0.45	No
2,3,4,6-Tetrachlorophenol (ug/L) - TW	2006/03/06	< 0.14	No
Triallate (ug/L) - TW	2006/03/06	< 0.10	No
Trichloroethylene (ug/L) - TW	2006/03/06	< 0.38	No
2,4,6-Trichlorophenol (ug/L) - TW	2006/03/06	< 0.25	No
2,4,5-Trichlorophenoxy acetic acid (ug/L) - TW	2006/03/06	< 0.14	No
Trifluralin (ug/L) - TW	2006/03/06	< 0.12	No
Vinyl Chloride (ug/L) - TW	2006/03/06	< 0.14	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
NONE			

**(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) Small Municipal Non-Residential has been removed and Non Municipal Year Round Residential has been added.**