

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

Drinking-Water System Number:	220001584
Drinking-Water System Name:	Deloro Well Supply System
Drinking-Water System Owner:	The Corporation of the Township of Marmora and Lake
Drinking-Water System Category:	Small Municipal Residential
Period being reported:	January 1, 2007 to December 31, 2007

<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</p> <div style="border: 1px solid black; padding: 5px;">Public access/notice via the web</div>	<p><u>Complete for all other Categories.</u></p> <p>Number of Designated Facilities served: <div style="border: 1px solid black; padding: 2px; display: inline-block;">NONE</div></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: <div style="border: 1px solid black; padding: 2px; display: inline-block;">NONE</div></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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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.
- Secondary Gel Calibration Standards Kit – \$24.55
- Compressed Gas & Signage – \$132.33
- Eye/Face protection system to meet H&S regulations - \$55.35
- Flowmetrix Technical SE Annual Calibrations – \$125.00
- Annual Diesel Backup Generator Inspection – \$423.25
- Emergency Repair for Flex hose for UV System – \$77.76
- UV Sensor Array – UV Lamps – \$31.43

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-May-07	Adverse Water Quality Incident Lead MAC exceedance	10.5	ug/L	Flush and Resample	
18-May-07	Adverse Water Quality Incident Lead MAC exceedance	22.8	ug/L	Flush and Resample	No corrective action as instructed by MOH

Microbiological testing done under the Schedule 10, 11 or 12 of Regulation 170/03, during this reporting period.

Location	Number of Samples	Range of E.Coli of Fecal Results (min #) - (max #)	Range of Total Coliform Results (min #) - (max #)	Number of HPC Samples	Range of HPC Results (min #) - (max #)
Raw - RW	12	0 - 0	0 - 28		-
Distribution - DW	52	0 - 0	0 - 0	52	0 - 9

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, Filter Effluent (NTU)	8760	0.0 – 0.81
Chlorine, Treated	8760	0.79 – 1.99
Chlorine, Distribution	8760	0.32 – 2.01
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	Lead	09-May-07	10.5	ug/L
NONE	Lead	18-May-07	22.8	ug/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)	2007/05/18	22.80	Yes
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	2007/01/08	< 0.0050	No
Nitrate (mg/L) - TW	2007/01/08	0.099	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)	2007	8.60	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.