



OPTIONAL ANNUAL REPORT TEMPLATE

Drinking-Water System Number:	210000238
Drinking-Water System Name:	Goderich Drinking Water System
Drinking-Water System Owner:	Town of Goderich
Drinking-Water System Category:	Large Municipal Residential
Period being reported:	January 1/2011 – December 31/2011

<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 [] No [X]</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;"> <p>Veolia Water Canada 100 Cove Rd., Goderich, ON N7A 3Z2 Town of Goderich, 57 West St Goderich, ON N7A 3Z2</p> </div>	<p><u>Complete for all other Categories.</u></p> <p>Number of Designated Facilities served:</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;">N/A</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;">N/A</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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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
Bluewater Correctional Facility	260005580

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 [X] No [] – **Town of Goderich will provide a copy of annual report.**



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 –Submitted to the Town of Goderich to notify residents.

Describe your Drinking-Water System

Goderich Water Treatment Plant, comprising of a surface water treatment plant rated at **12,000 m³/d** and a booster pump station/reservoir (bps) to serve the Corporation of the Town of Goderich and some small commercial malls outside of the municipal boundry in the Municipality of Central Huron and also to supply a bulk quantity of treated water to the Bluewater Correction Facility, also located in the Municipality of Central Huron.

List all water treatment chemicals used over this reporting period

Aluminum Chloride Hydroxide Sulphate
Fluoride, Sodium Hypochlorite,
Chlorine Gas

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

Installed additional booster pump.
Upgraded the Scada to support new pump.

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
Jan. 16/2011	Pressure AWQI # 99690	0	PSI	Main Break Repaired. One Set of Samples Taken Resulting in "0" Bacteria. Health Unit Lifted Precautionary Boil Water.	Jan. 19/2011
Feb 13/2011	Turbidity AWQI # 99951	1	NTU	Three turbidity spikes more than 15 minutes apart.	Feb. 17/2011
Mar 17/2011	Total Coliform AWQI # 100248	1	mg/l	A second set of samples where taken resulting in "0" Bacteria.	Mar. 21/2011

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	52	0 - 170	0 - 9600		
Treated	52	0	0	52	<10 - 20
Distribution	292	0	0 - 1	98	<10 - 430



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 #)
Raw Water Turbidity	365	1.13 – 238 NTU
Finished Water Turbidity	365	0.030 – 0.490 NTU
Filter # 1 On-Line Turbidity	8760	0.297 - 0.045 NTU
Filter # 1 Bench Turbidity	365	0.044 – 0.480 NTU
Filter # 2 Bench Turbidity	365	0.040 – 0.920 NTU
Filter # 2 On-line Turbidity	8760	0.028 – 0.363 NTU
Settled Turbidity Bench	365	0.164 – 7.040 NTU
BS Chlorine # 1	8760	0.30 – 1.45 mg/l
BS Chlorine # 2	8760	0.43 – 1.48 mg/l
Finished Water Cl ₂ Residual	365	0.66 – 3.90 mg/l
WTP – Cl ₂ Residual-Pre-Filter	365	0.27 – 3.52 mg/l
Fluoride (If the DWS provides fluoridation)	365	0.35 – 1.09 mg/l

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
N/A				

Summary of Inorganic parameters tested during this reporting period or the most recent sample results - See Attached

*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 Private Res.	2	1.19 – 1.50	None
Distribution	2	<0.02	None

Summary of Organic parameters sampled during this reporting period or the most recent sample results – [See Attached](#)

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
N/A			

Water Works Name:	Goderich Drinking Water System
Well No. (if applicable):	N/A
Year:	2011
Service Population:	7500
Laboratory Which Performed Analyses:	Goderich Water Treatment Plant
Water Works Number:	210000238

Month	Treated Water Flow			Process Wastewater Monthly Total (m3)	Treated Water Turbidity			Treated Disinfectant		Dist. System Disinfectant	
	Average Daily (1000 m3)	Maximum Daily (1000 m3)	Monthly Total (1000 m3)		No. of Samples Collected	No. of Samples >1 NTU	Average Turbidity NTU	No. of Treated Samples Collected	Average Residual (mg/L)	No. of Dist. Samples Collected	No. of Samples <0.05
Jan	3.208	3.684	99.458	-298	31	0	0.059	31	1.65	58	0
Feb	3.265	3.857	91.421	143	28	0	0.043	28	1.70	53	0
Mar	3.334	4.606	103.355	919	31	0	0.073	31	1.63	61	0
Apr	3.339	3.803	100.181	1,083	30	0	0.061	30	1.62	50	0
May	3.708	4.761	114.946	-124	31	0	0.068	31	1.66	61	0
Jun	4.242	4.864	127.271	4,197	30	0	0.058	30	1.75	47	0
Jul	6.105	8.004	189.258	2,117	31	0	0.051	31	1.53	47	0
Aug	4.542	6.037	140.812	3,457	31	0	0.091	31	1.63	57	0
Sep	3.820	4.384	114.603	1,033	30	0	0.070	30	1.56	50	0
Oct	3.794	5.204	117.614	195	31	0	0.080	31	1.62	51	0
Nov	3.417	4.145	102.524	-80	30	0	0.090	30	1.75	56	0
Dec	3.361	4.166	104.188	-594	31	0	0.127	31	1.55	52	0
Total			1,405.631	12,048	365	0		365		643	0
Average	3.851						0.073		1.64		
Maximum		8.004									

Disinfectant Compound Used (EG. Chlorine Gas, NaOCl, etc.) Chlorine Gas

Form of Residual Displayed on above table: (EG. Free, Combined, or Total) Free

Quantity of Disinfectant used during the year (kg): 3,398.19

Distribution system target residual (mg/L) >.20

Maximum Daily Volume m3/day 12,000

Goderich Trending 2011

	Filter # 1 Turbidity			Filter # 2 Turbidity			Treated Disinfectant		
	Minimum Turbidity NTU	Maximum Turbidity NTU	Average Turbidity NTU	Minimum Turbidity NTU	Maximum Turbidity NTU	Average Turbidity NTU	Minimum Residual mg/L	Maximum Residual (mg/L)	Average Residual (mg/L)
Jan/11	0.03	1.22	0.08	0.03	0.45	0.05	1.05	1.81	1.35
Feb/11	0.04	1.58	0.10	0.03	0.33	0.04	1.05	2.55	1.46
Mar/11	0.04	1.77	0.15	0.03	2.00	0.06	0.95	1.70	1.35
Apr/11	0.03	1.76	0.10	0.03	1.04	0.05	1.14	1.98	1.46
May/11	0.00	0.29	0.09	0.03	0.15	0.05	1.14	2.11	1.52
June/11	0.00	1.10	0.08	0.00	0.11	0.04	0.56	2.08	1.59
July/11	0.03	0.23	0.07	0.03	0.13	0.04	0.81	2.38	1.41
Aug/11	0.02	0.28	0.08	0.03	0.18	0.05	1.01	1.83	1.45
Sept/11	0.03	0.43	0.10	0.03	0.66	0.05	1.00	1.85	1.39
Oct/11	0.00	0.21	0.07	0.02	0.70	0.05	0.85	2.40	1.51
Nov/11	0.05	0.37	0.06	0.03	0.22	0.05	1.17	5.02	1.56
Dec/11	0.00	0.30	0.09	0.00	0.29	0.06	0.99	2.24	1.48

Turbidity

Maximum allowable limit 1.00 NTU

Under 0.30 NTU 95% of the time

Water Works Name:	Goderich Drinking Water System
Well No. (if applicable)	N/A
Year:	2011
Serviced Population:	7500
Laboratories Which Performed Analyses:	SGS Lakefield Research
Water Works Number:	210000238

Raw Water

Month	Total Coliform				Fecal Coliform/ Escherichia Coli			
	No. of Samples Collected	No. of Samples 0-100	No. of Sample 101-9000	No. of Samples >9000	No. of Samples Collected	No. of Samples 0-10	No. of Samples 11-900	No. of Samples >900
Jan	4	0	4	0	4	2	2	
Feb	4	3	0	1	4	3	1	
Mar	5	0	5	0	5	5	0	
Apr	4	2	2	0	4	4	0	
May	5	5	0	0	5	5	0	
Jun	4	4	0	0	4	4	0	
Jul	4	4	0	0	4	4	0	
Aug	5	4	1	0	5	2	3	
Sep	4	0	4	0	4	0	4	
Oct	4	2	2	0	4	0	4	
Nov	5	3	2	0	5	3	2	
Dec	4	0	4	0	4	2	2	
Total	52	27	24	1	52	34	18	

Water Works Name:	Goderich Drinking Water System
Well No. (if applicable)	N/A
Year:	2011
Serviced Population:	7500
Laboratories Which Performed Analyses:	SGS Lakefield Research
Water Works Number	210000238

Treated Water

Month	Total Coliform			Fecal Coliform/ Escherichia Coli			HPC or MF			BKG		
	No. of Samples Collected	No. of Samples "Safe"	No. of Sample "Unsafe"	No. of Samples Collected	No. of Samples "Safe"	No. of Sample "Unsafe"	No. of Samples Collected	No. of Samples "Safe"	No. of Samples "Deteriorating"	No. of Sample Collected	No. of Samples "Safe"	No. of Samples "Deteriorating"
Jan	4	4	0	4	4	0	4	4	0			
Feb	4	4	0	4	4	0	4	4	0			
Mar	5	5	0	5	5	0	5	5	0			
Apr	4	4	0	4	4	0	4	4	0			
May	5	5	0	5	5	0	5	5	0			
Jun	4	4	0	4	4	0	4	4	0			
Jul	4	4	0	4	4	0	4	4	0			
Aug	5	5	0	5	5	0	5	5	0			
Sep	4	4	0	4	4	0	4	4	0			
Oct	4	4	0	4	4	0	4	4	0			
Nov	5	5	0	5	5	0	5	5	0			
Dec	4	4	0	4	4	0	4	4	0			
Total	52	52	0	52	52	0	52	52	0			

INDICATORS OF UNSAFE DRINKING WATER QUALITY:

If any of the following conditions exist, the drinking water is judged unsafe.

1. Escherichia coli and/or fecal coliforms are detected in any distribution sample by any analytical method;
2. Total coliforms are detected in consecutive samples from the same site or in multiple samples taken as a single submission from a distribution system.
3. In communal drinking water supplies, more than 10% of the samples (based on a minimum of 10 samples per month) show the presence of coliform organisms.

If the water contains any indicators of unsafe water quality for any of the reasons outlined above, the laboratory will immediately notify the MOEE District Officer who will immediately notify the Medical Officer of Health and the operating authority to initiate collection of special samples and/or take corrective action.

INDICATORS OF DETERIORATING WATER QUALITY:

Any of the following conditions indicate a deterioration in drinking water quality.

- a) total coliforms detected as a single occurrence (but not Escherichia coli or other fecal coliforms);
- b) samples contain more than 500 colonies per ml on a heterotrophic plate count analysis;
- c) samples contain more than 200 background colonies on a total coliform membrane filter analysis;
- d) Aeromonas spp., Pseudomonas aeruginosa, Staphylococcus aureus, Clostridium spp. Or members of the Fecal Streptococcus (Enterococcus) group are detected.

If these conditions occur, the MOEE Dist. Mang. Should be notified.

Water Works Name: **Goderich Drinking Water System**
 Year: **2011**
 Serviced Population: **7500**
 Laboratories Which Performed Analyses: **SGS Lakefield Research**
 Water Works Number: **210000238**

Distribution System

Month	Total Coliform				Fecal Coliform/ Escherichia Coli			HPC or MF			BKG		
	No. of Samples Collected	No. of Samples "Safe"	No. of Sample "Unsafe"	No. of Samples "Deteriorating"	No. of Samples Collected	No. of Samples "Safe"	No. of Sample "Unsafe"	No. of Samples Collected	No. of Samples "Safe"	No. of Samples "Deteriorating"	No. of Sample Collected	No. of Samples "Safe"	No. of Samples "Deteriorating"
Jan	27	27	0	0	27	27	0	8	8	0			
Feb	24	24	0	0	24	24	0	8	8	0			
Mar	32	32	0	0	32	32	0	10	10	0			
Apr	21	21	0	0	21	21	0	8	8	0			
May	30	30	0	0	30	30	0	11	11	0			
Jun	21	21	0	0	21	21	0	8	8	0			
Jul	21	21	0	0	21	21	0	8	8	0			
Aug	26	26	0	0	26	26	0	10	10	0			
Sep	21	21	0	0	21	21	0	8	8	0			
Oct	21	21	0	0	21	21	0	8	8	0			
Nov	27	27	0	0	27	27	0	6	6	0			
Dec	21	21	0	0	21	21	0	5	5	0			
Total	292	292	0	0	292	292	0	98	98	0			

INDICATORS OF UNSAFE DRINKING WATER QUALITY:

If any of the following conditions exist, the drinking water is judged unsafe.

1. Escherichia coli and/or fecal coliforms are detected in any distribution sample by any analytical method;
2. Total coliforms are detected in consecutive samples from the same site or in multiple samples taken as a single submission from a distribution system.

If the water contains any indicators of unsafe water quality for any of the reasons outlined above, the laboratory will immediately notify the MOE District Officer who will immediately notify the Medical Officer of Health and the operating authority to initiate collection of special samples and/or take corrective action.

INDICATORS OF DETERIORATING WATER QUALITY:

Any of the following conditions indicate a deterioration in drinking water quality.

- a) total coliforms detected as a single occurrence (but not Escherichia coli or other fecal coliforms);
- b) samples contain more than 500 colonies per ml on a heterotrophic plate count analysis;
- c) samples contain more than 200 background colonies on a total coliform membrane filter analysis;
- d) Aeromonas spp., Pseudomonas aeruginosa, Staphylococcus aureus, Clostridium spp. Or members of the Fecal Streptococcus (Enterococcus) group are detected.

If these conditions occur, the MOE Dist. Mang. Should be notified.

Goderich Drinking Water System - Chemical Usage

2011

Month	Poly Aluminum Chloride		Chlorine Gas		Carbon		Fluoride		Sodium Hypochlorite	
	Usage Kg.	Dosage mg/L	Usage Kg.	Dosage mg/L	Usage Kg.	Dosage mg/L	Usage Kg.	Dosage mg/L	Usage Kg.	
Jan	1,825.00	7.35	235.63	2.38			200.00	0.46		0.00
Feb	1,525.00	6.64	231.99	2.54			196.00	0.48		0.00
Mar	1,910.00	7.36	266.04	2.55			230.50	0.50		6.07
Apr	2,583.00	10.20	239.26	2.37			219.00	0.49		3.17
May	2,215.00	7.73	296.01	2.59			259.50	0.51		4.42
Jun	1,681.00	5.12	308.27	2.35			283.00	0.49		5.66
Jul	1,926.00	4.03	439.47	2.35			398.50	0.47		10.42
Aug	1,547.00	4.29	353.21	2.46			260.00	0.41		10.63
Sep	1,247.00	4.31	257.87	2.24			176.00	0.33		12.42
Oct	1,476.00	4.99	277.39	2.36			222.00	0.43		10.07
Nov	1,253.00	4.89	242.89	2.37			197.00	0.43		10.90
Dec	2,158.00	8.30	250.15	2.42			203.00	0.44		5.93
Total	21,346.00	6.27	3,398.19	2.42			2,844.50	0.45		79.70

- Notes:
- 1) The polyaluminum chloride is used as our coagulant.
 - 2) The chlorine gas is used as our disinfectant both pretreatment and post treatment.
 - 3) The carbon is used to counter taste and odour problems in the raw water.
 - 4) The fluoride is added to the finished water to compensate for the low natural level of this element in our raw water.
 - 5) The sodium hydrochlorite is used as a source of chlorine at the reservoir to ensure adequate residuals.

All quantities of chemicals are listed as the available chemical in the colutions and not the total physical quantities.

Annual Summary - Fluoride, Nitrite, Nitrate, and Colour
 (Complete a separate sheet for each input into the Distribution System)

Water Works Name: Goderich Drinking Water System
Well No. (if applicable): _____
Year: 2011
Serviced Population 7500
Laboratories Which Performed Analyses: SGS Lakefield Research
Water Works 210000238

Month	Treated Water Nitrite			Treated Water Nitrate			THM's				
	No. of Samples Collected	Average Residual mg/L	Maximum Residual mg/L	No. of Samples Collected	Average Nitrite mg/L	Maximum Nitrite mg/L	No. of Samples Collected	Average Nitrate (mg/L)	Maximum Nitrate mg/L	No of Samples	Result ug/l
Jan.											
Feb.				1	<0.005	<0.005	1	1.25	1.25	1	18
Mar.											
Apr.											
May				1	<0.005	<0.005	1	1.53	1.53	1	35
June											
July											
August				1	<0.005	<0.005	1	0.299	0.299	1	44
Sept											
Oct.											
Nov				1	<0.005	<0.005	1	0.419	0.419	1	22
Dec											
Total	0			4			4				
Average					#DIV/0!						
Maximum			0			0			1.53		
ODWQS											

Where nitrate and nitrite are present, the total of the two should not exceed 10 mg/L
 The maximum allowable level of THM's is 100 ug/l

Annual Data Summary - Treated Water Volatile Organic and Inorganic Data
 (Complete a separate sheet for each input into the Distribution System)

Water Works Name: Goderich Drinking Water System
Well No. (if applicable):
Year: 2011
Serviced Population: 7500
Laboratories Which Performer Analyses: SGS Lakefield Research
Water Works #: 210000238

Parameter	Analysis		Maximum Allowable Level (ug/L)	Result mg/L	Maximum Allowable Level mg/L
	Date (MM/DD/YY)	Result (ug/L)			
Schedule 23 & 24					
Antimony	2/15/2011	0.12	6		
Arsenic	2/15/2011	0.5	25		
Arsenic	11/15/2011	0.5	25		
Barium	2/15/2011	17.6	1000		
Boron	"	15	5000		
Cadmium	"	0.005	5		
Chromium	"	1	50		
Mercury	"	<0.02	1		
Sodium	12/11/2007			6.56	20
Fluoride	11/25/2011			0.57	1.5
Selenium	2/15/2011	<1	10		
Selenium	11/15/2011	<1	10		
Uranium	2/15/2011	0.228	20		
Benzene	"	<0.32	5		
Carbon Tetrachloride	"	<0.16	5		
1,2-Dichlorobenzene	"	<0.41	200		
1,4-Dichlorobenzene	"	<0.36	5		
1,1-Dichloroethylene	"	<0.33	14		
1,2-Dichloroethane	"	<0.35	5		
Dichloromethane	"	<0.35	50		
Monochlorobenzene	"	<0.30	80		
Tetrachloroethylene	"	<0.35	30		
Trichloroethylene	"	<0.43	5		
Vinyl Chloride	"	<0.17	2		
Diquat	"	<1	70		
Paraquat	"	<1	10		
Glyphosate	"	<6	280		
Polychlorinated Biphenyls	"	<0.04	3		
Benzo(a)pyrene	"	<0.004	0.01		
2,4-dichlorophenol	"	<0.15	900		
2,4,6-trichlorophenol	"	<0.25	5		

Annual Data Summary - Treated Water Volatile Organic and Inorganic Data
 (Complete a separate sheet for each input into the Distribution System)

Parameter	Analysis		Maximum Allowable Level (ug/L)	Result mg/L	Maximum Allowable Level mg/L
	Date (MM/DD/YY)	Result (ug/L)			
Schedule 23 & 24					
2,3,4,6-tetrachlorophenol	"	<0.14	100		
Pentachlorophenol	"	<0.15	60		
Alachlor	"	<0.02	5		
Aldicarb	"	<0.01	9		
Aldrin+Dieldrin	"	<0.01	0.7		
Aldrin	"	<0.01			
Dieldrin	"	<0.01			
Atrazine+N-dealkylated metabolites	"	0.03	5		
Atrazine	"	0.02			
De-ethylated atrazine	"	0.01			
Azinphos-methyl	"	<0.02	20		
Bendiocarb	"	<0.01	40		
Carbaryl	"	<0.01	90		
Carbofuran	"	<0.01	90		
Chlordane	"	<0.01	7		
a-chlordane	"	<0.01			
g-chlordane	"	<0.01			
Oxychlordane	"	<0.01			
Chlorpyrifos	"	<0.02	90		
Cyanazine	"	<0.03	10		
Diazinon	"	<0.02	20		
(DDT)+Metabolites	"	<0.01	30		
op-DDT	"	<0.01			
pp-DDD	"	<0.01			
pp-DDE	"	<0.01			
pp-DDT	"	<0.01			
Dimethoate	"	<0.03	20		
Diuron	"	<0.03	150		
Heptachlor-Heptachlor Epoxide	"	<0.01	3		
Heptachlor	"	<0.01			
Heptachlor epoxide	"	<0.01			
Lindane	"	<0.01	4		
Malathion	"	<0.02	190		
Methoxychlor	"	<0.01	900		
Metolachlor	"	<0.01	50		
Metribuzin	"	<0.02	80		
Parathion	"	<0.02	50		

Annual Data Summary - Treated Water Volatile Organic and Inorganic Data
 (Complete a separate sheet for each input into the Distribution System)

<u>Parameter</u>	Analysis		Maximum Allowable Level (ug/L)	Result mg/L	Maximum Allowable Level mg/L
	Date (MM/DD/YY)	Result (ug/L)			
Schedule 23 & 24					
Phorate	"	<0.01	2		
Prometryne	"	<0.03	1		
Simazine	"	<0.01	10		
Temephos	"	<0.01	280		
Terbufos	"	<0.01	1		
Triallate	"	<0.01	230		
Trifluralin	"	<0.02	45		
2,4-dichlorophenoxyacetic acid	"	<0.19	100		
2,4,5-trichlorophenoxyacetic acid	"	<0.22	280		
Bromoxynil	"	<0.33	5		
Dicamba	"	<0.20	120		
Diclofop-methyl	"	<0.40	9		
Dinoseb	"	<0.36	10		
Picloram	"	<0.25	190		

Goderich Water Treatment Plant

Analysis	Approval Date	Approval Time	Table 2 Potable Ground Water	MDL	Treated Water
Sample Date and Time					Aug 23/11
Temperature Upon Receipt ©					16.0
CCME F1 (C6-C10) (ug/L)	Sept 1/11	9:23	1000	25	<25
CCME F2 (C10-C16) (ug/L)	Sept 1/11	9:23	1000	100	<100
CCME F3 (C16-C34) (ug/L)	Sept 1/11	9:23	1000	500	<500
CCME F4 (C34-C50) (ug/L)	Sept 1/11	9:23	1000	500	<500
Chromatogram returned to baseline at nC50 (Yes/No)	Sept 1/11	9:23			Yes