



OPTIONAL ANNUAL REPORT TEMPLATE

Drinking-Water System Number:	260047723
Drinking-Water System Name:	Camp Huronda
Drinking-Water System Owner:	Canadian Diabetics Association
Drinking-Water System Category:	Small Non-Municipal-Non-Residential
Period being reported:	April 1, 2015 to March 31, 2016

<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> <p>1252 South Waseosa Lake Road Huntsville, Ontario P1H 2N4</p>	<p><u>Complete for all other Categories.</u></p> <p>Number of Designated Facilities served:</p> <p>Did you provide a copy of your annual report to all Designated Facilities you serve? Yes [x] No []</p> <p>Number of Interested Authorities you report to: Zero</p> <p>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes [] NA [x]</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
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 [x] No []

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

- Public access/notice
- 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

Water is supplied from a well through a submersible pump with a capacity of 1.92 l/s and a total dynamic head of 70.1 m (230 ft). Water is distributed through 1-1/1/2 “ polyethylene pipe to the water treatment room. Water treatment is a 4 step process. Chemical filtration was added to process slightly higher turbidity. Poly Aluminum Chloride is injected into the water stream then flows into two 450 litre capacity contact tanks to allow for larger particles to precipitate. Water then enters two 24” x 72” zeolite filters with automatic backwashing valves. Cartridge filtration is next with 2 parallel sets of dual # 20 big blue filters – with a 50-05 micron then a 5-1 micron second stage filter. Primary disinfection is through 2 sterilite SPV 20 NSF Ultraviolet units in parallel. Secondary disinfection is provided by dosing a chlorine solution by a pulsafed dosing pump with an external signal from the water meter. PH levels less than neutral are raised by injecting soda ash into the water to minimize corrosion in the plumbing. Two 360 litre pressure tanks are location at the beginning of the treatment system that deliver water to the west end buildings and an additional two 360 litre pressure tanks are location prior to the distribution to the east buildings and connected to new lines that head out to the girls shower building. The Uv’s have solenoids that are normally closed.

List all water treatment chemicals used over this reporting period

Sodium Hypochlorite 12%, Soda Ash, Aluminum Sulphate
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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

Routine filter changes \$100



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

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	4	0	0		
Treated					
Distribution	14	0	0	14	0 -30

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 - Treated		
Chlorine Treated	19	.50- 2.10
Chlorine Distribution	167	.03-1.32
Fluoride		



Turbidity Raw		
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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
Lead	MDL	June 17.14	.13	Ug/L

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	May 29. 13	< .0001	mg/L	
Arsenic	May 29. 13	<.0002	mg/L	
Barium	May 29. 13	.038	mg/L	
Boron	May 29. 13	.009	mg/L	
Cadmium	May 29. 13	.0004	mg/L	
Chromium	May 29. 13	<.002	mg/L	
*Lead	Aug 19. 15	.13	Ug/L	
Mercury	May 29. 13	< 0.00002	Ug/L	
Selenium	May 29. 13	< .001	mg/L	
Sodium	Nov 3. 2010	9.8	Mg/l	
Uranium	May 29. 13	<..00009	mg/L	
Fluoride	Nov 3, 2010	<0.1	Mg/L	
Nitrite	Aug 19. 15	<0.003	mg/L	
Nitrate	Aug 19. 15	2.63	mg/L	
NO3+N02	Aug 19. 15	2.63	mg/L	
Nitrite				
Nitrate				
NO3+NO2				

*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			
Distribution			

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	May 28.13	< 0.3	Ug/L	
Aldicarb	May 28.13	< 3	Ug/L	
Aldrin	May 28.13		Ug/L	
Atrazine	May 28.13	< 0.4	ug/L	
Aldrin + Dieldrin		< 0.02	Ug/L	
Dieldrin		< 0.0008	Ug/l	
Altrazine + N-dealkylated metabolites	May 28.13	< 0.5	Ug/L	
Azinphos-methyl		< 1	Ug/L	
Bendiocarb	May 28.13	< 3	Ug/L	
Benzene	May 28.13	< 0.5	Ug/L	
Benzo(a)pyrene	May 28.13	< 0.005	Ug/L	
Bromoxynil	May 28.13	< 0.3	Ug/L	
Carbaryl	May 28.13	< 3	Ug/L	
Carbofuran	May 28.13	< 1	Ug/L	
Carbon Tetrachloride	May 28.13	< 0.2	Ug/L	

Chlordane (Total)	May 28.13	< 0.04	Ug/L	
Chlorpyrifos	May 28.13	< 0.5	Ug/L	
Cyanazine	May 28.13	< 0.5	Ug/L	
Diazinon	May 28.13	< 1	Ug/L	
Dicamba	May 28.13	< 5	Ug/L	
1,2-Dichlorobenzene	May 28.13	< 0.1	Ug/L	
1,4-Dichlorobenzene	May 28.13	< 0.2	Ug/L	
Dichlorodiphenyltrichloroethane (DDT) + metabolites	May 28.13	< 0.0003	Ug/L	
1,2-Dichloroethane	May 28.13	< 0.1	Ug/L	
1,1-Dichloroethylene (vinylidene chloride)	May 28.13	< 0.1	Ug/L	
Dichloromethane	May 28.13	< 0.3	Ug/L	
2-4 Dichlorophenol	May 28.13	< 0.1	Ug/L	
2,4-Dichlorophenoxy acetic acid (2,4-D)	May 28.13	< 5	Ug/L	
Diclofop-methyl	May 28.13	< 0.5	Ug/L	
Dimethoate	May 28.13	< 1	Ug/L	
Dinoseb	May 28.13	< 0.5	Ug/L	
Diquat	May 28.13	< 5	Ug/L	
Diuron	May 28.13	< 5	Ug/L	
Glyphosate	May 28.13	< 25	Ug/L	
Glyphosate (r)			Ug/L	
Heptachlor + Heptachlor Epoxide	May 28.13	< 0.1	Ug/L	
Lindane (Total)	May 28.13	<0.1	Ug/L	
Malathion	May 28.13	< 5	Ug/L	
Methoxychlor	May 28.13	< 0.1	Ug/L	
Metolachlor	May 28.13	< 3	Ug/L	
Metribuzin	May 28.13	< 3	Ug/L	
Monochlorobenzene	May 28.13	<0.2	Ug/L	
Paraquat	May 28.13	< 1	Ug/L	
Parathion	May 28.13	< 3	Ug/L	
Pentachlorophenol	May 28.13	< 0.1	Ug/L	
Phorate	May 28.13	< 0.3	Ug/L	
Picloram	May 28.13	< 5	Ug/L	
Polychlorinated Biphenyls(PCB)	May 28.13	< 0.05	Ug/L	
Prometryne	May 28.13	< 0.1	Ug/L	
Simazine	May 28.13	< 0.5	Ug/L	
THM (NOTE: show latest annual average)			Ug/L	
Temephos	May 28.13	< 10	Ug/L	



Terbufos	May 28.13	< 0.3	Ug/L	
Tetrachloroethylene	May 28.13	<0.2	Ug/L	
2,3,4,6-Tetrachlorophenol	May 28.13	< 0.1	Ug/L	
Triallate	May 28.13	< 10	Ug/L	
Trichloroethylene	May 28.13	<0.1	Ug/L	
2,4,6-Trichlorophenol	May 28.13	< 0.1	Ug/L	
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	May 28.13	< 10	Ug/L	
Trifluralin	May 28.13	< 0.5	Ug/L	
Vinyl Chloride	May 28.13	<0.2	Ug/L	

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