

Drinking Water Systems Regulation O. Reg. 170/03 Annual Report

Drinking Water System Number: 260006971
 Drinking Water System Name: The Maples
 Drinking Water System Owner: United Counties of Leeds & Grenville
 Drinking Water System Category: Small Municipal Residential
 Period being reported: January 1, 2021 - December 31 2021

<u><i>Complete if your Category is Large Municipal Residential or Small Municipal Residential</i></u>	<u><i>Complete for all other Categories</i></u>
<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 website 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> <p>Offices of United Counties of Leeds and Grenville Community and Social Services Division 25 Central Ave. W Suite 200 Brockville ON K6V 4N8</p>	<p>Number of Designated Facilities served: <u>0</u></p> <p>Did you provide a copy of your annual report to all Designated Facilities you serve? Yes () No () N/A (x)</p> <p>Number of Interested Authorities you report to: _____</p> <p>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes () No () N/A (x)</p>

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

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 newspaper
- () Public access/notice via Public Request
- () Public access/notice via Public Library
- () Public access/notice via other method:

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Describe your Drinking Water System

The water is drawn from a single production well drilled in 2003. The well pump is 2-HP, rated 25gpm and is regulated through 1 pressure tank. The water flows out of the pressure system through a twin alternating water softener, followed by 2 trains each equipped with a 5 micron sediment filter and a Hallett G15 UV system.

List all water treatment chemicals used over this reporting period

Potassium Chloride (regenerate for softener)

Please provide a brief description and a breakdown of monetary expenses incurred.

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 Center

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

	# 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	0-4	0-26		
Distribution	13	0-0	0-0	13	0-77 ct/1mL

Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report.

NOTE: For continuous monitors use 8760 as the number of

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<i>samples</i>

	# of Samples	Range of Results (min-max)
Turbidity	13	0.09-0.55 NTU
Chlorine	N/A	
Fluoride (If the DWS provides fluoridation)	N/A	

NOTE: Record the unit of measure if it is <i>not</i> 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

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	13-Jun-12	<0.001	Mg/L	No
Arsenic	13-Jun-12	0.0003	Mg/L	No
Barium	13-Jun-12	<0.001	Mg/L	No
Boron	13-Jun-12	0.088	Mg/L	No
Cadmium	13-Jun-12	<0.0002	Mg/L	No
Chromium	13-Jun-12	<0.002	Mg/L	No
Lead	11-Jan-19	<0.001	Mg/L	No
Mercury	13-Jun-12	<0.0002	Mg/L	No
Selenium	13-Jun-12	<0.001	Mg/L	No

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Sodium	4-Oct-21	3	Mg/L	No
Uranium	13-Jun-12	0.00069	Mg/L	No
Fluoride	30-Sep-16	0.54	Mg/L	No
Nitrite	4-Oct-21	<0.1	Mg/L	No
Nitrate	4-Oct-21	<0.1	Mg/L	No

<u>Lead Sampling Status: Exempt</u> <u>Next Sampling Date: Exempt</u>
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Summary of Organic Parameters sampled during this reporting period or the most recent sample results

Parameter	Sample Date	Result Value	Unit of measure	Exceedence
Alachlor	15-Jun-12	<0.3	Ug/L	No
Aldicarb	15-Jun-12	<3	Ug/L	No
Aldrin + Dieldrin	15-Jun-12	<0.02	Ug/L	No
Atrazine + Metabolites	15-Jun-12	<0.5	Ug/L	No
Azinphos-methyl	15-Jun-12	<1	Ug/L	No
Bendiocarb	15-Jun-12	<3	Ug/L	No
Benzene	15-Jun-12	<0.5	Ug/L	No
Benzo(a)pyrene	15-Jun-12	<0.005	Ug/L	No
Bromoxynil	15-Jun-12	<0.3	Ug/L	No
Carbaryl	15-Jun-12	<3	Ug/L	No
Carbofuran	15-Jun-12	<1	Ug/L	No
Carbon Tetrachloride	15-Jun-12	<02	Ug/L	No
Chlorpyrifos	15-Jun-12	<0.05	Ug/L	No
Cyanazine	15-Jun-12	<0.5	Ug/L	No

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Diazinon	15-Jun-12	<1	Ug/L	No
Dicamba	15-Jun-12	<5	Ug/L	No
1,2-Dichlorobenzene	15-Jun-12	<0.1	Ug/L	No
1,4-Dichlorobenzene	15-Jun-12	<0.2	Ug/L	No
Dichlorodiphenyltrichloroethane (DDT) + metabolites	15-Jun-12	<0.01	Ug/L	No
1,2-Dichloroethane	15-Jun-12	<0.1	Ug/L	No
1,1-Dichloroethylene (vinylidene chloride)	15-Jun-12	<0.1	Ug/L	No
Dichloromethane	15-Jun-12	<0.3	Ug/L	No
Dichlorophenol, 2, 4-	15-Jun-12	<0.1	Ug/L	No
Dichlorophenoxy acetic acid, 2, 4- (2, 4-D)	15-Jun-12	<5	Ug/L	No
Diclofop-methyl	15-Jun-12	<0.5	Ug/L	No
Dimethoate	15-Jun-12	<1	Ug/L	No
Dinoseb	15-Jun-12	<0.5	Ug/L	No
Diquat	20-Jun-12	<5	Ug/L	No
Diuron	15-Jun-12	<5	Ug/L	No
Glyphosate	20-Jun-12	<25	Ug/L	No
Heptachlor + Heptachlor Epoxide	15-Jun-12	<0.1	Ug/L	No
Lindane(Total)	15-Jun-12	<0.1	Ug/L	No
Malathion	15-Jun-12	<5	Ug/L	No
Methoxychlor	15-Jun-12	<0.1	Ug/L	No
Metolachlor	15-Jun-12	<3	Ug/L	No
Metribuzin	15-Jun-12	<3	Ug/L	No
Monochlorobenzene	15-Jun-12	<0.2	Ug/L	No
Paraquat	20-Jun-12	<1	Ug/L	No
Parathion	15-Jun-12	<3	Ug/L	No

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Pentachlorophenol	15-Jun-12	<0.1	Ug/L	No
Phorate	15-Jun-12	<0.3	Ug/L	No
Picloram	15-Jun-12	<5	Ug/L	No
Polychlorinated Biphenyls(PCB)	15-Jun-12	<0.06	Ug/L	No
Prometryne	15-Jun-12	<0.1	Ug/L	No
Simazine	15-Jun-12	<0.5	Ug/L	No
Temephos	15-Jun-12	<10	Ug/L	No
Terbufos	15-Jun-12	<0.3	Ug/L	No
Tetrachloroethylene	15-Jun-12	<.02	Ug/L	No
Tetrachlorophenol 2, 3, 4, 6-	15-Jun-12	<0.1	Ug/L	No
Triallate	15-Jun-12	<10	Ug/L	No
Trichloroethylene	15-Jun-12	<0.1	Ug/L	No
Trichlorophenol 2, 4, 6-	15-Jun-12	<0.1	Ug/L	No
Trichlorophenoxy acetic acid 2, 4, 5-	15-Jun-12	<10	Ug/L	No
Trifluralin	15-Jun-12	<0.5	Ug/L	No
Vinyl Chloride	15-Jun-12	<0.2	Ug/L	No
THM (NOTE: show latest annual average)	15-Jun-12	N/A	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