

Part III Form 2

Section 11. ANNUAL REPORT.

<b>Drinking-Water System Number:</b>	260030381
<b>Drinking-Water System Name:</b>	Maple Leaf Acres Well Supply
<b>Drinking-Water System Owner:</b>	Maple Leaf Acres Members' Association
<b>Drinking-Water System Category:</b>	Non-Municipal Year Round Residential
<b>Period being reported:</b>	January 1, 2018 to December 31, 2018

<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 [ ] 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; min-height: 100px;"> <p>Community Centre</p> </div>	<p><b><u>Complete for all other Categories.</u></b></p> <p>Number of Designated Facilities served: <input type="text" value="n.a"/></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: <input type="text" value="n.a"/></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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**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
Not Applicable	

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 [ ] – Not Applicable

# Drinking-Water Systems Regulation O. Reg. 170/03

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: Available at Facility

**Describe your Drinking-Water System**

Drilled wells with and aggregate capacity of 30m<sup>3</sup>/hour. Treatment consists cartridge filtration and disinfection is via sodium hypochlorite addition at pump room.

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

Food Grade Sodium Hypochlorite

**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**

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	24	0	0	0	n.a.
Treated	n.a.	n.a.	n.a.	n.a.	n.a.
Distribution	52	0	0	52	0 to 19

**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 #)

*NOTE: For continuous monitors use 8760 as the number of samples.*

<b>Turbidity Raw Grab</b>	<b>24</b>	<b>0.14 - 0.38 NTU</b>
<b>Chlorine PHouse Analyzer</b>	<b>8760</b>	<b>0.85 - 1.42 mg/L</b>
<b>Chlorine Grab</b>	<b>156</b>	<b>0.99 - 1.25 mg/L</b>
<b>Fluoride (If the DWS provides fluoridation)</b>	<b>n.a.</b>	<b>n.a.</b>

**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.				
n.a.				

**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	Feb 28/14	ND	Mg/l	N
Arsenic	Feb 28/14	ND	Mg/l	N
Barium	Feb 28/14	0.0051	Mg/l	N
Boron	Feb 28/14	0.026	Mg/l	N
Cadmium	Feb 28/14	ND	Mg/l	N
Chromium	Feb 28/14	ND	Mg/l	N
Lead	Oct 15/18	ND	Mg/l	N
Mercury	Feb 28/14	ND	Mg/l	N
Selenium	Feb 28/14	ND	Mg/l	N
Sodium	May 02/16	23	Mg/l	Y
Uranium	Feb 28/14	ND	Mg/l	N
Fluoride	Mar 05/14	0.4	Mg/L	N
Nitrite	Dec 14/18	ND	Mg/l	N
Nitrate	Dec 14/18	ND	Mg/l	N

**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	Feb 28/14	ND	Ug/l	N
Aldicarb	Feb 28/14	ND	Ug/l	N
Aldrin + Dieldrin	Feb 28/14	ND	Ug/l	N
Atrazine + N-dealkylated metabolites	Feb 28/14	ND	Ug/l	N
Azinphos-methyl	Feb 28/14	ND	Ug/l	N
Bendiocarb	Feb 28/14	ND	Ug/l	N
Benzene	Feb 28/14	ND	Ug/l	N

Benzo(a)pyrene	Feb 28/14	ND	Ug/l	N
Bromoxynil	Feb 28/14	ND	Ug/l	N
Carbaryl	Feb 28/14	ND	Ug/l	N
Carbofuran	Feb 28/14	ND	Ug/l	N
Carbon Tetrachloride	Feb 28/14	ND	Ug/l	N
Chlordane (Total)	Feb 28/14	ND	Ug/l	N
Chlorpyrifos	Feb 28/14	ND	Ug/l	N
Cyanazine	Feb 28/14	ND	Ug/l	N
Diazinon	Feb 28/14	ND	Ug/l	N
Dicamba	Feb 28/14	ND	Ug/l	N
1,2-Dichlorobenzene	Feb 28/14	ND	Ug/l	N
1,4-Dichlorobenzene	Feb 28/14	ND	Ug/l	N
Dichlorodiphenyltrichloroethane (DDT) + metabolites	Feb 28/14	ND	Ug/l	N
1,2-Dichloroethane	Feb 28/14	ND	Ug/l	N
1,1-Dichloroethylene (vinylidene chloride)	Feb 28/14	ND	Ug/l	N
Dichloromethane	Feb 28/14	ND	Ug/l	N
2-4 Dichlorophenol	Feb 28/14	ND	Ug/l	N
2,4-Dichlorophenoxy acetic acid (2,4-D)	Feb 28/14	ND	Ug/l	N
Diclofop-methyl	Feb 28/14	ND	Ug/l	N
Dimethoate	Feb 28/14	ND	Ug/l	N
Dinoseb	Feb 28/14	ND	Ug/l	N
Diquat	Feb 28/14	ND	Ug/l	N
Diuron	Feb 28/14	ND	Ug/l	N
HAA5	2018	ND	Ug/l	N
Glyphosate	Feb 28/14	ND	Ug/l	N
Heptachlor + Heptachlor Epoxide	Feb 28/14	ND	Ug/l	N
Lindane (Total)	Feb 28/14	ND	Ug/l	N
Malathion	Feb 28/14	ND	Ug/l	N
Methoxychlor	Feb 28/14	ND	Ug/l	N
Metolachlor	Feb 28/14	ND	Ug/l	N
Metribuzin	Feb 28/14	ND	Ug/l	N
Monochlorobenzene	Feb 28/14	ND	Ug/l	N
Paraquat	Feb 28/14	ND	Ug/l	N
Parathion	Feb 28/14	ND	Ug/l	N
Pentachlorophenol	Feb 28/14	ND	Ug/l	N
Phorate	Feb 28/14	ND	Ug/l	N
Picloram	Feb 28/14	ND	Ug/l	N
Polychlorinated Biphenyls(PCB)	Feb 28/14	ND	Ug/l	N
Prometryne	Feb 28/14	ND	Ug/l	N
Simazine	Feb 28/14	ND	Ug/l	N
THM (NOTE: show latest annual average)	2018	13.9	Ug/l	N
Temephos	Feb 28/14	ND	Ug/l	N
Terbufos	Feb 28/14	ND	Ug/l	N
Tetrachloroethylene	Feb 28/14	ND	Ug/l	N
2,3,4,6-Tetrachlorophenol	Feb 28/14	ND	Ug/l	N
Triallate	Feb 28/14	ND	Ug/l	N
Trichloroethylene	Feb 28/14	ND	Ug/l	N
2,4,6-Trichlorophenol	Feb 28/14	ND	Ug/l	N
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	Feb 28/14	ND	Ug/l	N

# Drinking-Water Systems Regulation O. Reg. 170/03

<b>Trifluralin</b>	Feb 28/14	ND	Ug/l	N
<b>Vinyl Chloride</b>	Feb 28/14	ND	Ug/l	N

**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
<b>Sodium</b>	<b>23</b>	<b>Mg/L</b>	<b>May 02/16</b>

**(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)**