

OPTIONAL ANNUAL REPORT TEMPLATE

DrinkingWaterSystemNumber:	21002183
DrinkingWaterSystemName:	Marsville Subdivision Well Water Supply System
DrinkingWaterSystemOwner:	Township of East Garafraxa
DrinkingWaterSystemCategory:	Small Municipal Residential
Periodbeingreported:	January 01, 2020 to December 31, 2020

<p><u>Complete if your Category is LargeMunicipal Residential or Small MunicipalResidential</u></p> <p>Does your Drinking Water System servemorethan10,000people?Yes []No[x]</p> <p>Is your annual report available to the publicat no charge on a web site on the Internet?Yes [X]No[]</p> <p>Location where Summary Report requiredunder O. Reg. 170/03 Schedule 22 will beavailableforinspection.</p> <div style="border: 1px solid black; padding: 5px;"> <p>Township of East Garafraxa 065371 Dufferin County Road 3, Unit 2 East Garafraxa ON L9w 7J8</p> </div>	<p><u>CompleteforallotherCategories</u></p> <p>Numberof DesignatedFacilitieserved:</p> <div style="border: 1px solid black; width: 100px; text-align: center; margin: 5px;">0</div> <p>Did you provide a copy of your annualreport to all Designated Facilities youserve?Yes[]No[]</p> <p>Number of Interested Authorities youreportto:</p> <div style="border: 1px solid black; width: 100px; text-align: center; margin: 5px;">0</div> <p>Did you provide a copy of your annualreport to all Interested Authorities youreport to for each Designated Facility?Yes []No []</p>
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Note:Forthefollowingtablesbelow,additionalrowsorcolumnsmaybeadded,oranappendixmayb eattached tothereport

List all Drinking Water Systems (if any), which receive all their drinking water from yoursystem:

DrinkingWaterSystemName	DrinkingWaterSystemNumber
N/A	

Did you provide a copy of your annual report to all Drinking Water System ownersthatareconnectedtoyou andtowhomyouprovide all drinkingwater? Yes[]No[]

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 _____

Describe your Drinking Water System

Marsville Subdivision Well Water Supply System is supplied with water from a single well ground water source. The system consists of the well, pumping station and distribution mains. The water is disinfected with sodium hypochlorite and distributed to 33 homes servicing approximately 80 to 90 people.

Licensed operations staff regularly test water quality within the system including raw water, treated water and distribution water

List all water treatment chemicals used over this reporting period

12 % 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
N/A					
N/A					

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 Results (min#)-(max#)	Range of Total Coliform Results (min#)-(max#)	Number of HPC Samples	Range of HPC Results (min#)-(max#)
Raw	12	0 to 0	0 to 0	0	N/A
Treated					
Distribution	52	0 to 0	0 to 0	52	0 to 44

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#)	Unit of Measure
Turbidity	12	0.15 to 0.58	NTU
Chlorine	8760	0.66 to 2.47	mg/L
Fluoride (If the DWS provides fluoridation)	N/A	N/A	N/A

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

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 samples results

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	Aug 28/17	ND	ug/L	NO
Arsenic	Aug 28/17	ND	ug/L	NO
Barium	Aug 28/17	9.5	ug/L	NO
Boron	Aug 28/17	41	ug/L	NO
Cadmium	Aug 28/17	ND	ug/L	NO
Chromium	Aug 28/17	ND	ug/L	NO
*Lead	N/A	N/A	N/A	N/A
Mercury	Aug 28/17	ND	ug/L	NO
Selenium	Aug 28/17	ND	ug/L	NO
Sodium	Aug 28/17	16	mg/L	NO
Uranium	Aug 28/17	ND	ug/L	NO
Fluoride	Aug 28/17	1.4	mg/L	NO
Nitrite	Dec 09/20	ND	ug/L	NO
Nitrate	Dec 09/20	ND	ug/L	NO

***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(applicabletothefollowingdrinkingwatersystems;largemunicipalresidentialsystems,smallmunicipalresidentialsystems,and non-municipalyear-roundresidentialsystems)

LocationType	Number ofSamples	RangeofLead Results (min#)-(max #)	Unit ofMeasure	Number ofExceedances
Plumbing				
Distribution	2	ND-1.3	ug/L	Zero

Summary of Organic parameters sampled during this reporting period or the mostrecentssamplersresults

Parameter	Sample Date	Result Value	Unit ofMeasure	Exceedance
Alachlor	Aug 28/17	ND	ug/L	NO
Atrazine+N-dealkylatedmetabolites	Aug 28/17	ND	ug/L	NO
Azinphos-methyl	Aug 28/17	ND	ug/L	NO
Benzene	Aug 28/17	ND	ug/L	NO
Benzo(a)pyrene	Aug 28/17	ND	ug/L	NO
Bromoxynil	Aug 28/17	ND	ug/L	NO
Carbaryl	Aug 28/17	ND	ug/L	NO
Carbofuran	Aug 28/17	ND	ug/L	NO
CarbonTetrachloride	Aug 28/17	ND	ug/L	NO
Chlorpyrifos	Aug 28/17	ND	ug/L	NO
Diazinon	Aug 28/17	ND	ug/L	NO
Dicamba	Aug 28/17	ND	ug/L	NO
1,2-Dichlorobenzene	Aug 28/17	ND	ug/L	NO
1,4-Dichlorobenzene	Aug 28/17	ND	ug/L	NO
1,2-Dichloroethane	Aug 28/17	ND	ug/L	NO
1,1-Dichloroethylene(vinylidenechloride)	Aug 28/17	ND	ug/L	NO
Dichloromethane	Aug 28/17	ND	ug/L	NO
2-4Dichlorophenol	Aug 28/17	ND	ug/L	NO
2,4-Dichlorophenoxyaceticacid(2,4-D)	Aug 28/17	ND	ug/L	NO
Diclofop-methyl	Aug 28/17	ND	ug/L	NO
Dimethoate	Aug 28/17	ND	ug/L	NO
Diquat	Aug 28/17	ND	ug/L	NO
Diuron	Aug 28/17	ND	ug/L	NO
Glyphosate	Aug 28/17	ND	ug/L	NO
HAAs(Note:showlatestrunningannualaverage)	2020	ND	ug/L	NO
Lindane(Total)	Aug 28/17	ND	ug/L	NO
Malathion	Aug 28/17	ND	ug/L	NO
Metolachlor	Aug 28/17	ND	ug/L	NO
Metribuzin	Aug 28/17	ND	ug/L	NO
Monochlorobenzene	Aug 28/17	ND	ug/L	NO

Paraquat	Aug 28/17	ND	ug/L	NO
Pentachlorophenol	Aug 28/17	ND	ug/L	NO
Phorate	Aug 28/17	ND	ug/L	NO
Picloram	Aug 28/17	ND	ug/L	NO
PolychlorinatedBiphenyls(PCB)	Aug 28/17	ND	ug/L	NO
Prometryne	Aug 28/17	ND	ug/L	NO
Simazine	Aug 28/17	ND	ug/L	NO
Terbufos	Aug 28/17	ND	ug/L	NO
Tetrachloroethylene(perchloroethylene)	Aug 28/17	ND	ug/L	NO
2,3,4,6-Tetrachlorophenol	Aug 28/17	ND	ug/L	NO
THMs (Note:showlatestrunningannualaverage)	2020	4.12	ug/L	NO
Triallate	Aug 28/17	ND	ug/L	NO
Trichloroethylene	Aug 28/17	ND	ug/L	NO
2,4,6-Trichlorophenol	Aug 28/17	ND	ug/L	NO
Trifluralin	Aug 28/17	ND	ug/L	NO
VinylChloride	Aug 28/17	ND	ug/L	NO
MCPA	Aug 28/17	ND	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
Sodium	16	mg/L	Aug 28/17
Fluoride	1.4	mg/L	Aug 28/17