



REPORT ADM-2020-004

TO: Mayor and Members of Council

FROM: Courtenay Hoytfox, Development and Legislative Coordinator

MEETING DATE: March 4, 2020

SUBJECT: 2019 Annual Water Report – Drinking Water System Number 260021034
File: E13PUS

RECOMMENDATION

That Report ADM-2020-004 regarding the 2019 Annual Water Report – Drinking Water System Number 260021034 be received; and

That the 2019 Annual Water Report be submitted to the Ministry and the applicable agencies as outlined in Report ADM-2020-004.

DISCUSSION

The Township completes, in accordance with Ontario Regulation 170/03, an annual report for Drinking Water System Number 260021034. A copy of 2019 Annual Report is attached as Schedule A.

Notification and Posting

The Annual Drinking Water System Report is submitted to:

Ministry of Environment & Climate Change
Ontario Government Building
4th Floor
1 Stone Road West
Guelph, ON N1G 4Y2
Fax: 519-826-4286
Email: caterina.luberti@ontario.ca

Ministry of Environment & Climate Change
Suite 200
6733 Mississauga Road
Mississauga, ON L5N 6J5

Email: tina.patel@ontario.ca
colleen.watts@ontario.ca

Wellington Dufferin Guelph Public Health
160 Chancellors Way
Guelph, ON N1G 0E1
Fax: 519-836-7215

The Whistle Stop Co-operative Pre-School Inc.
23 Brock Road South
RR #3
Guelph, ON N1H 6H9

Attention: Sandra Gunson

The Annual Drinking Water System Report is posted on the:

- Township's website
- Township Office Bulletin Board
- Puslinch Community Centre Bulletin Board and Black Binder
- Library Bulletin Board
- Concession Booth

FINANCIAL IMPLICATIONS

None

APPLICABLE LEGISLATION AND REQUIREMENTS

Ontario Regulation 170/03 – Ontario Water Resources Act

ATTACHMENTS

2019 Drinking Water System Number 260021034 Annual Report



OPTIONAL ANNUAL REPORT TEMPLATE

Drinking-Water System Number:	260021034
Drinking-Water System Name:	Puslinch Community Centre
Drinking-Water System Owner:	Township of Puslinch
Drinking-Water System Category:	SMNR – Small Municipal Non-
Residential Period being reported:	January 1, 2019 to December 31, 2019

<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 []</p> <p>Is your annual report available to the public at no charge on a web site on the Internet? Yes [] No []</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; height: 100px; width: 100%;"></div>	<p><u>Complete for all other Categories.</u></p> <p>Number of Designated Facilities served: <div style="border: 1px solid black; display: inline-block; padding: 2px 10px;">1</div></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: <div style="border: 1px solid black; display: inline-block; padding: 2px 10px;">3</div></p> <p>(Puslinch Community Centre, Library and Whistlestop Preschool)</p> <p>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes [X] 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
Puslinch Community Centre, Whistlestop Preschool, Library	260021034



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 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

There is a UV System in the Puslinch Branch Wellington County Public Library. There is a Softener and UV System in Puslinch Community Centre that serves the Whistlestop Preschool and The Ontario Early Years Pre-School Group.

List all water treatment chemicals used over this reporting period

N/A

Were any significant expenses incurred to? N/A

- 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					



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	12	0	0	0	0
Treated	104	0	0	104	<10 - <40
Distribution	N/A				

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	0		
Chlorine	0		
Fluoride (If the DWS provides fluoridation)	0		

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				

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	Oct. 16/17	0.02	ug/L	
Arsenic	Oct. 16/17	.2	ug/L	
Barium	Oct. 16/17	84.3	ug/L	
Boron	Oct. 16/17	21	ug/L	
Cadmium	Oct. 16/17	0.003	ug/L	
Chromium	Oct. 16/17	.12	ug/L	
*Lead	Oct. 22/19	4.88/0.65	ug/L	
Mercury	Oct. 16/17	0.01	ug/L	
Selenium	Oct. 16/17	.04	ug/L	
Sodium	Oct. 16/17	.60/.73	mg/L	
Uranium	Oct. 16/17	0.147	ug/L	
Fluoride	Oct. 16/17	0.56	mg/L	
Nitrite	Oct. 10/19	0.003	mg/L	
Nitrate	Oct. 10/19	0.006	mg/L	



*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 #)	Unit of Measure	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	Oct. 16/17	0.02	ug/L	
Atrazine	Oct. 16/17	.01	ug/L	
Atrazine + N-dealkylated metabolites	Oct. 16/17	0.01	ug/L	
Azinphos-methyl	Oct. 16/17	0.05	ug/L	
Benzene	Oct. 16/17	0.32	ug/L	
Benzo(a)pyrene	Oct. 16/17	0.004	ug/L	
Bromoxynil	Oct. 16/17	0.33	ug/L	
Carbaryl	Oct. 16/17	0.05	ug/L	
Carbofuran	Oct. 16/17	0.01	ug/L	
Carbon Tetrachloride	Oct. 16/17	0.16	ug/L	
Chlorpyrifos	Oct. 16/17	0.02	ug/L	
Desethyl Atrazine	Oct. 16/17	.01	ug/L	
Diazinon	Oct. 16/17	0.02	ug/L	
Dicamba	Oct. 16/17	0.20	ug/L	
1,2-Dichlorobenzene	Oct. 16/17	0.41	ug/L	
1,4-Dichlorobenzene	Oct. 16/17	0.36	ug/L	
Dichlorodiphenyltrichloroethane (DDT) + metabolites	Oct. 16/17	0.01	ug/L	
1,2-Dichloroethane	Oct. 16/17	0.35	ug/L	
1,1-Dichloroethylene (vinylidene chloride)	Oct. 16/17	0.33	ug/L	
Dichloromethane	Oct. 16/17	0.35	ug/L	
2-4 Dichlorophenol	Oct. 16/17	0.15	ug/L	
2,4-Dichlorophenoxy acetic acid (2,4-D)	Oct. 16/17	0.19	ug/L	
Diclofop-methyl	Oct. 16/17	0.40	ug/L	
Dimethoate	Oct. 16/17	0.03	ug/L	



Diquat	Oct. 16/17	1	ug/L	
Diuron	Oct. 16/17	0.03	ug/L	
Glyphosate	Oct. 16/17	1	ug/L	
Epoxide	Oct. 16/17	0.01	ug/L	
	Oct. 16/17	0.01	ug/L	
Malathion	Oct. 16/17	0.02	ug/L	
MCPA	Oct. 16/17	0.00012	ug/L	
Metolachlor	Oct. 16/17	0.01	ug/L	
Metribuzin	Oct. 16/17	0.02	ug/L	
Monochlorobenzene	Oct. 16/17	0.30	ug/L	
Paraquat	Oct. 16/17	1	ug/L	
Pentachlorophenol	Oct. 16/17	0.15	ug/L	
Phorate	Oct. 16/17	0.01	ug/L	
Picloram	Oct. 16/17	1	ug/L	
Polychlorinated Biphenyls(PCB)	Oct. 16/17	0.04	ug/L	
Prometryne	Oct. 16/17	0.03	ug/L	
Simazine	Oct. 16/17	0.01	ug/L	
Terbufos	Oct. 16/17	0.01	ug/L	
Tetrachloroethylene	Oct. 16/17	0.35	ug/L	
2,3,4,6-Tetrachlorophenol	Oct. 16/17	0.20	ug/L	
Triallate	Oct. 16/17	0.01	ug/L	
Trichloroethylene	Oct. 16/17	0.44	ug/L	
2,4,6-Trichlorophenol	Oct. 16/17	0.25	ug/L	
Trifluralin	Oct. 16/17	0.02	ug/L	
Vinyl Chloride	Oct. 16/17	0.17	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