Ministry of the Ministère de Environment l'Environnement

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

Part III Form 2 Section 11. ANNUAL REPORT.

Drinking-Water System Number:	260046904
Drinking-Water System Name:	Dawn-Euphemia Water Distribution System
Drinking-Water System Owner:	Township of Dawn-Euphemia
Drinking-Water System Category:	WDI
Period being reported:	2023

Complete if your Category is Large Municipal Residential or Small Municipal Residential	Complete for all other Categories.
Does your Drinking-Water System serve	Number of Designated Facilities served:
ı	Number of Designated Facilities served.
more than 10,000 people? Yes [] No [x]	n/a
Is your annual report available to the public	Did you provide a copy of your annual
at no charge on a web site on the Internet?	report to all Designated Facilities you
Yes [x] No []	serve?
	Yes [] No []
Location where Report required under	
O. Reg. 170/03 Schedule 22 will be available	Number of Interested Authorities you
for inspection.	report to:
Township of Dawn-Euphemia Municipal Office Municipal Library, Florence, Ontario Municipal Website	none Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes [] No [] n/a

List Drinking-Water Systems, which receive all of their drinking water from your system:

| n/a |
| 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 [] n/a |
| 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



Ministry of the Ministère de Environment l'Environnement

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

- [] Public access/notice via a newspaper
- [x] Public access/notice via Public Request
- [x] Public access/notice via a Public Library
- [x] Public access/notice via other method notice included on water bills

Describe your Drinking-Water System

Water distribution system with 50 mm dia. to 200 mm dia. Water receives from the Township of Enniskillen Water Distribution System at five metered connections

List all water treatment chemicals used over this reporting period

none

Were any significant expenses incurred to?

- [n] Install required equipment
- [n] Repair required equipment
- [n] Replace required equipment

Describe

n/a

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	Parameter	Result	Unit of	Corrective Action	Corrective
Date			Measure		Action Date
Oct.17/23	Total Coliform	1	CFU	ReSample	Oct.20/23

Microbiological testing done under section 8 (2) during this reporting period

S	Number of Samples	Range of E.Coli or Fecal Results (#-#)	Range of Total Coliform Results (#-#)	Number of HPC Samples	Range of HPC Results (#-#)
Raw					
Treated					
Distribution	214	0 - 0	0 - 1.00	214	<10 - 20cfu/1ml

Operational testing done under Schedule 7, 8 or 9 during the period covered by this Annual Report.

	Number of Grab Samples	Range of Results (#-#)
Chlorine – dist.	214	0.50-1.73mg/L

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

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

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 or order.

Date of order or C of A	Parameter	Date Sampled	Result	Unit of Measure

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance

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

Parameter:	Sample Dates:	Result Value:	Unit of Measure	Exceedance
Total Trihalomethanes (Total Trihalomethanes are a combination of Bromodichloromethane, Bromoform, Chloroform and Dibromochloromethane) MAC=100(RAA) [Running Annual Average]	2023 1-Jan.4 2-Apr.4 3-Jul.5 4-Oct.4	1-51 2-43 3-65 4-82 AVG=60.25	ug/l	
Total Haloacetic Acids (HAA5) [ug/L] (Total Haloacetic Acids are a combination of Chloroacetic Acid, Bromomacetic Acid, Dicloroacetic Acis, Dibromoacetic Acid and Trichloroacetic Acid) MAC=80(RAA) [Running Annual Average]	2023 1-Jan.4 2-Apr.4 3-Jul.5 4-Oct.4	1-27.4 2-26.8 3-32.0 4-30.9 AVG=29.28	ug/l	

Ministry of the Ministère de Environment l'Environnement

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

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	Hydrant 4596 Lambton Line Rutherford, Ont	Hydrant 6213 Mill Street Florence, Ont	Unit of Measure	Number of Exceedances
Distribution Date	April 4, 2023	April 4, 2023		
Ph	7.28	7.52	Ph	
Alkalinity	79	82	Mg/L as CaCO3	
Lead (MAC is 10ug/L)	0.01	0.17	Ug/L	
Plumbing Date	N/A	N/A	N/A	N/A
Ph	N/A	N/A	N/A	N/A
Alkalinity	N/A	N/A	N/A	N/A
Lead (MAC is 10ug/L)	N/A	N/A	N/A	N/A
Distribution				
Date	October 5, 2023	October 5, 2023		
Ph	7.46	7.63	Ph	
Alkalinity	75	74	Mg/L as CaCO3	
Lead (MAC is 10ug/L)	0.03	0.10	Ug/L	
Plumbing Date	N/A	N/A	N/A	N/A
Ph	N/A	N/A	N/A	N/A
Alkalinity	N/A	N/A	N/A	N/A
Lead (MAC is 10ug/L)	N/A	N/A	N/A	N/A

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
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(Only if category is large municipal residential, small municipal residential, large municipal non residential, small municipal non residential, large non municipal non-residential)