

Part III Form 2

Section 11. ANNUAL REPORT.

Drinking-Water System Number:	220004377
Drinking-Water System Name:	Enniskillen Water Distribution System
Drinking-Water System Owner:	Township of Enniskillen
Drinking-Water System Category:	WD II
Period being reported:	2016

<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 [x]</p> <p>Is your annual report available to the public at no charge on a web site on the Internet? Yes [x] No []</p> <p>Location where Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</p> <p>Township of Enniskillen Municipal Office 4465 Rokeby Line</p>	<p><u>Complete for all other Categories.</u></p> <p>Number of Designated Facilities served: none</p> <p>Did you provide a copy of your annual report to all Designated Facilities you serve? Yes [] No []</p> <p>Number of Interested Authorities you report to: none</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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List Drinking-Water Systems, which receive all of their drinking water from your system:

The Village of Oil Springs Water Distribution System and the Township of Dawn-Euphemia Water Distribution System

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.

[x] Public access/notice via the web

[x] 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

Pumping Station and Water Reservoir with capacity = 1360 m3.
Water distribution system with 50 mm dia. to 250 mm dia. watermain extending into a portion of the City of Sarnia and the Township of Brooke-Alvinston.
Connected to the Town of Petrolia water distribution system at eight metered connections.
Supplies water to the Village of Oil Springs water distribution system at 2 metered connection points and to the Township of Dawn-Euphemia at 5 metered connection points.

List all water treatment chemicals used over this reporting period

Sodium Hypochlorite (12%)

Were any significant expenses incurred to?

- Install required equipment
- Repair required equipment
- Replace required equipment

Describe

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 section 8 (2) during this reporting period

	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	94	0 - 0	0 - 0	90	<10 - >2000
Distribution	188	0 - 0	0 - 0	180	<10 - 50

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. - Res. discharge	261	0.66-1.66mg/L

*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 Date	Result Value	Unit of Measure	Exceedance
Bromodichloromethane	2016	5.4-7.0	ug/l	n/a
Bromoform	2016	0.34 < MDL	ug/l	n/a
Chloroform	2016	10-22	ug/l	n/a
Dibromochloromethane	2016	1.9-2.4	ug/l	n/a
Total Trihalomethanes	2016	18-31	ug/l	n/a
4 samples taken on Jan.7, April 13, July 06, Oct.18, 2016				

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

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