

OPTIONAL ANNUAL REPORT TEMPLATE

Drinking Water System Number:	260063661
Drinking Water System Name:	Mansfield Well Supply
Drinking Water System Owner:	Township of Mulmur
Drinking Water System Category:	Large Municipal Residential
Period being reported:	January 01, 2025 to December 31, 2025

<u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u> Does your Drinking Water System serve more than 10,000 people? Yes [] No[x] Is your annual report available to the public at no charge on a web site on the Internet? Yes [X] No[] Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection. Report is available for inspection at the municipal office in Terra Nova	<u>Complete for all other Categories</u> Number of Designated Facilities served: N/A Did you provide a copy of your annual report to all Designated Facilities you serve? Yes [] No [] Number of Interested Authorities you report to: N/A Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes [] No []
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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 their drinking water from your system:

Drinking Water System Name	Drinking Water System Number
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 drinking water? 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

Water System is classified as a Large Municipal Residential Water System that currently serves approximately 153 service connections. The system is owned by the Township of Mulmur and operated by Dufferin Water Co. Ltd. Water is supplied via three municipal wells, a standpipe and a pump house. Inspection, maintenance and sampling are conducted on a regular basis in accordance with Ontario Regulation 170/03 to ensure the safety of the water supply

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

+/- \$80K spent to rebuild existing backup power generator. This includes rental of temporary generator and removal and reinstallation of original generator.

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 Results (min#)-(max#)	Range of Total Coliform Results (min#)-(max#)	Number of HPC Samples	Range of HPC Results (min#)-(max#)
Raw		104	0	0	0	n.a.
Treated		52	0	0	52	0 to 44
Distribution		116	0	0	52	0 to 3

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	24	0.19 to 0.47	NTU
Chlorine	8760	1.05 to 2.95	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 sample results

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	July 25/24	ND	ug/L	No
Arsenic	July 25/24	ND	ug/L	No
Barium	July 25/24	65	ug/L	No
Boron	July 25/24	15	ug/L	No
Cadmium	July 25/24	ND	ug/L	No
Chromium	July 25/24	ND	ug/L	No
*Lead	N/A	N/A	N/A	N/A
Mercury	July 25/24	ND	ug/L	No
Selenium	July 25/24	ND	ug/L	No
Sodium	July 25/24	6.8	mg/L	No
Uranium	July 25/24	0.3	ug/L	No
Fluoride	July 25/24	ND	mg/L	No
Nitrite	Dec 10/25	ND	mg/L	No
Nitrate	Dec 10/25	1.96	mg/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

(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	N/A	N/A	N/A	N/A
Distribution	2	ND	Ug/L	0

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	July 25/24	ND	ug/L	No
Atrazine + N-dealkylated metabolites	July 25/24	ND	ug/L	No
Azinphos-methyl	July 25/24	ND	ug/L	No
Benzene	July 25/24	ND	ug/L	No
Benzo(a)pyrene	July 25/24	ND	ug/L	No
Bromoxynil	July 25/24	ND	ug/L	No
Carbaryl	July 25/24	ND	ug/L	No
Carbofuran	July 25/24	ND	ug/L	No
CarbonTetrachloride	July 25/24	ND	ug/L	No
Chlorpyrifos	July 25/24	ND	ug/L	No
Diazinon	July 25/24	ND	ug/L	No
Dicamba	July 25/24	ND	ug/L	No
1,2-Dichlorobenzene	July 25/24	ND	ug/L	No
1,4-Dichlorobenzene	July 25/24	ND	ug/L	No
1,2-Dichloroethane	July 25/24	ND	ug/L	No
1,1-Dichloroethylene(vinylidenechloride)	July 25/24	ND	ug/L	No
Dichloromethane	July 25/24	ND	ug/L	No
2,4-Dichlorophenol	July 25/24	ND	ug/L	No
2,4-Dichlorophenoxyacetic acid(2,4-D)	July 25/24	ND	ug/L	No
Diclofop-methyl	July 25/24	ND	ug/L	No
Dimethoate	July 25/24	ND	ug/L	No
Diquat	July 25/24	ND	ug/L	No
Diuron	July 25/24	ND	ug/L	No
Glyphosate	July 25/24	ND	ug/L	No
HAAs(Note: show latest running annual average)	2025	ND	ug/L	NO
Lindane(Total)	July 25/24	ND	ug/L	No
Malathion	July 25/24	ND	ug/L	No
Metolachlor	July 25/24	ND	ug/L	No
Metribuzin	July 25/24	ND	ug/L	No
Monochlorobenzene	July 25/24	ND	ug/L	No

Paraquat	July 25/24	ND	ug/L	No
Pentachlorophenol	July 25/24	ND	ug/L	No
Phorate	July 25/24	ND	ug/L	No
Picloram	July 25/24	ND	ug/L	No
Polychlorinated Biphenyls (PCB)	July 25/24	ND	ug/L	No
Prometryne	July 25/24	ND	ug/L	No
Simazine	July 25/24	ND	ug/L	No
Terbufos	July 25/24	ND	ug/L	No
Tetrachloroethylene (perchloroethylene)	July 25/24	ND	ug/L	No
2,3,4,6-Tetrachlorophenol	July 25/24	ND	ug/L	No
THMs (Note: show latest running annual average)	2025	8.57	ug/L	NO
Triallate	July 25/24	ND	ug/L	No
Trichloroethylene	July 25/24	ND	ug/L	No
2,4,6-Trichlorophenol	July 25/24	ND	ug/L	No
Trifluralin	July 25/24	ND	ug/L	No
Vinyl Chloride	July 25/24	ND	ug/L	No
MCPA	July 25/24	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