

February 20, 2024

Magda Badura mbadura@westelgin.net
Corporation of the Municipality of West Elgin
22413 Hoskins Line
Rodney, ON N0L 2C0

Re: Requirement under the Safe Drinking Water Act for a Summary Report

Dear Ms. Badura

Attached is the 2023 Summary Report for the West Elgin Distribution System for January 1st to December 31st, 2023. This report is completed in accordance with Schedule 22 of O. Reg. 170/03, under the Safe Drinking Water Act.

This Summary Report is to be provided to the members of the West Elgin Municipal Council. Please ensure this distribution by March 31, 2024.

Attached is also a copy of the 2023 Annual Report for the West Elgin Distribution System required under Section 11 of O. Reg. 170/03. Section 12 of O. Reg. 170/03, requires both the Summary Report and the Annual Report to be made available for inspection by any member of the public during normal business hours, without charge. The reports should be made available for inspection at the office of the municipality, or at a location that is reasonably convenient to the users of the water system.

Please feel free to contact me should you require any additional information regarding these reports. I can be reached at 519-312-0847.

Sincerely,



Terri-Lynn Thomson
Process and Compliance Technician

cc. Terri Towstiuć, Municipality of West Elgin
Dale LeBritton, OCWA Regional Hub Manager
Sam Smith, OCWA Senior Operations Manager
Maegan Garber, OCWA Safety, Process and Compliance Manager



**Ontario Clean Water Agency
Agence Ontarienne Des Eaux**

**Annual Summary Report
For the
West Elgin Distribution System
2023**

Prepared for the Municipality of West Elgin

By the Ontario Clean Water Agency

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4	Flow Summary Schedule 22-2 (3) 1. A summary of the quantities and flow rates of the water supplied during the period covered by the report 2. A comparison of the summary referred to in paragraph 1 to the rated capacity and flow rates approved in the system's approval, drinking water works permit or municipal drinking water licence, or if the system is receiving all of its water from another system under an agreement pursuant to subsection 5 (4), to the flow rates specified in the written agreement.	1
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SECTION 1: Overview

This summary report for the West Elgin Distribution System is published in accordance with Schedule 22 of Ontario's Drinking Water Systems Regulation for the reporting period of January 1st to December 31st, 2023. The West Elgin DS is categorized as a Large Municipal Residential Drinking Water System.

The West Elgin DS operated in accordance with the Municipal Drinking Water Licence 304-101 and Drinking Water Works Permit 304-201.

This report was prepared by The Ontario Clean Water Agency on behalf of the Municipality of West Elgin and must be supplied to the West Elgin Municipal Council by March 31, 2024.

SECTION 2: Compliance

The West Elgin DS was operated and maintained in such a manner that treated water supplied to the consumers serviced by the system satisfied all the requirements in the Safe Drinking Water Act, the Regulations, the Municipal Drinking Water License and the Drinking Water Works Permit.

The 2022 routine, annual Ministry of the Environment, Conservation and Parks (MECP) inspection was conducted on March 22, 2023 by Provincial Officer Meghan Morgan. The inspection covered the period from Feb 1, 2022 to February 28, 2023.

The 2023 routine, annual MECP inspection was conducted on January 17, 2024 by Provincial Officer Meghan Morgan. The inspection covered the period from Mar 1, 2023 to December 31, 2023. The inspection report has yet to be received.

SECTION 3: Corrective Action

MECP Inspections have an Inspection Rating Record, which evaluates the system to provide information for the owner/operator on areas that need to be improved. This system received 0 out of 259 non-compliance ratings for the 2022 annual inspection and as such received 100% for the Final Inspection Rating.

No corrective actions were required in 2023.

SECTION 4: Summary and Discussion of Quantity of Water Supplied

In accordance with Schedule 22-2(3) find a summary and discussion of the quantity of water supplied during the reporting period. There are no rated capacities specified in the MDWL or DWWP.

The West Elgin Distribution System is supplied from the Tri-County Drinking Water System, West Lorne Train. The flow is metered as it leaves the treatment plant. The total volume supplied from the treatment plant to the distribution system in 2023 was 988,902m³. This flow is distributed to the following distribution systems:

- West Elgin Distribution System
- Southwest Middlesex Distribution System

- Dutton Dunwich Distribution System
- Newbury Distribution System
- Bothwell Distribution System

There are various meters to monitor flow to and through the West Elgin Distribution System and the other distribution systems that are supplied. Attached as Appendix A, find a summary of the various flow meters throughout the distribution system.

APPENDIX A

Monthly flow meter volumes throughout the distribution system.

	West Lorne Train WTP (m ³)	West Elgin North (m ³)	Pioneer Line (m ³)	Marsh Line (m ³)	Silver Clay Line (m ³)	Eagle West (m ³)
January	69,959	7,700	2,168	3,492	7,103	84
February	62,525	7,836	1,812	3,348	0	196
March	68,465	6,954	2,149	3,829	3,608	9
April	75,149	12,977	2,019	3,913	0	1
May	86,144	11,599	2,516	4,751	0	0
June	90,095	7,573	3,211	5,669	0	0
July	95,901	9,293	6,120	9,695	6,416	36,569
August	88,717	6,606	6,017	9,439	5,864	97
September	87,595	9,507	5,623	10,581	5,512	75
October	87,442	8,900	3,803	16,226	5,696	32
November	77,634	11,745	1,677	13,685	0	1
December	99,275	20,019	3,711	12,665	4,993	9
Total	988,902	120,709	40,825	97,293	39,190	37,074