

February 22, 2023

Magda Badura [mbadura@westelgin.net](mailto: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 2022 Summary Report for the West Elgin Distribution System for January 1<sup>st</sup> to December 31<sup>st</sup>, 2022. 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, 2023.

Attached is also a copy of the 2022 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 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. Jana Nethercott, 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  
2022**

**Prepared for the Municipality of West Elgin**

**By the Ontario Clean Water Agency**

## Table of Contents

Section Number	Contents	Page Number
1	<b>Overview of System</b>	1
2	<b>Compliance with Regulations</b>  Schedule 22-2 (2)(a) List the requirements of the Act, the regulations, the system’s approval, drinking water works permit, municipal drinking water licence, and any orders applicable to the system that were not met at any time during the period covered by the report	1
3	<b>Corrective Actions</b>  Schedule 22-2 (2)(b) For each requirement referred to in section 2 that was not met, specify the duration of the failure and the measures that were taken to correct the failure.	1
4	<b>Flow Summary</b>  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
<b>APPENDICES</b>		
APPENDIX A	Distribution flows for January 1, 2022 to December 31, 2022	

## **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 1<sup>st</sup> to December 31<sup>st</sup>, 2022. 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, 2022.

## **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 routine MECP inspection was conducted on February 22, 2022 by Provincial Officer Angela Stroyberg. The inspection covered off the following topics: Treatment Processes, operations manuals, logbooks, certification and training, water quality monitoring, reporting and corrective actions. A Final Inspection Rating is then assigned based on risk. The system received 0 out of 259 non-compliance ratings and as such received 100% for the Final Inspection Rating.

## **SECTION 3: Corrective Action**

No corrective actions were required in 2022.

## **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 plant, the volume supplied in 2022 was 1,017,689m<sup>3</sup>. 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.**

	<b>West Lorne Train WTP (m<sup>3</sup>)</b>	<b>West Elgin North (m<sup>3</sup>)</b>	<b>Pioneer Line (m<sup>3</sup>)</b>	<b>Marsh Line (m<sup>3</sup>)</b>	<b>Silver Clay Line (m<sup>3</sup>)</b>	<b>Eagle West (m<sup>3</sup>)</b>
<b>January</b>	75,981	7,405	1,202	13,813	2,484	3,329
<b>February</b>	69,454	6,272	1,055	12,722	2,686	2,659
<b>March</b>	76,522	7,741	1,266	14,222	3,032	1,747
<b>April</b>	75,910	6,687	1,454	14,804	3,213	408
<b>May</b>	90,890	7,192	1,805	17,348	4,001	72
<b>June</b>	101,048	8,371	2,206	15,316	5,650	48
<b>July</b>	115,545	23,451	3,984	7,022	7,637	394
<b>August</b>	91,569	13,341	3,215	5,811	4,906	210
<b>September</b>	90,017	10,926	3,659	6,227	3,519	133
<b>October</b>	79,668	10,062	2,544	4,652	4,223	975
<b>November</b>	80,093	13,996	2,212	3,784	0	1,834
<b>December</b>	70,992	7,216	2,218	3,500	3,757	191
<b>Total</b>	<b>1,017,689</b>	<b>122,660</b>	<b>26,819</b>	<b>119,221</b>	<b>45,108</b>	<b>12,002</b>