

February 25, 2021

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 2020 Summary Report for the West Elgin Distribution System for January 1st to December 31st, 2020. 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, 2021.

Attached is also a copy of the 2020 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. Dale LeBritton, OCWA Regional Hub Manager
Sam Smith, OCWA Senior Operations Manager
Cindy Sigurdson, OCWA Safety, Process and Compliance Manager



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

**Annual Summary Report
For the
West Elgin Distribution System
2020**

Prepared for the Municipality of West Elgin

By the Ontario Clean Water Agency

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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, 2020. The West Elgin DS is categorized as a Large Municipal Residential Drinking Water System.

The West Elgin DS was separated from the Tri-County Drinking Water System August 31st, 2014 and was issued its own water works number.

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, 2021.

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 January 21, 2020 by Angela Stroyberg. The inspection covered off the following topics: Treatment Processes, distribution system, operations manuals, logbooks, certification and training, water quality monitoring, reporting and corrective actions and treatment process monitoring. The inspection is then assigned a rating based on risk, this inspection report identified no non-compliances and as such received a final inspection rating of 100%.

SECTION 3: Corrective Action

There were no non-compliances identified in 2020 and therefore, no corrective actions required for 2020.

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 2020 was 969,842m³. 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 (m³) | West Elgin North (m³) | Pioneer Line (m³) | Marsh Line (m³) | Silver Clay Line (m³) | Eagle West (m³) |
|------------------|---|---|---|---|---|---|
| January | 64,674 | 9,559 | 1,076 | 1,225 | 0 | 10,882 |
| February | 56,709 | 8,826 | 880 | 0 | 0 | 9,935 |
| March | 56,605 | 9,189 | 735 | 0 | 0 | 10,176 |
| April | 65,864 | 10,606 | 1,159 | 176 | 176 | 11,179 |
| May | 77,386 | 10,524 | 4,047 | 2,886 | 2,607 | 11,671 |
| June | 107,288 | 10,601 | 881 | 15,413 | 4,922 | 3,886 |
| July | 113,680 | 11,508 | 2,510 | 25,462 | 4,294 | 1,280 |
| August | 95,624 | 9,981 | 3,090 | 23,076 | 4,957 | 721 |
| September | 90,064 | 9,748 | 3,452 | 22,028 | 4,140 | 1,016 |
| October | 86,439 | 9,834 | 2,127 | 18,600 | 3,075 | 950 |
| November | 76,710 | 9,080 | 483 | 14,313 | 5,262 | 1,172 |
| December | 78,799 | 9,094 | 299 | 14,032 | 5,438 | 1,006 |
| Total | 969,842 | 118,550 | 20,739 | 137,210 | 34,871 | 63,874 |