



March 3rd, 2015

Scott Gawley
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 Mr. Gawley;

Attached is the 2014 Summary Report for the West Elgin Distribution System for January 1st to December 31st, 2014. 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, 2015.

We recently forwarded a copy of the 2014 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 519-768-9925.

Sincerely,

A handwritten signature in black ink that reads "Cindy Sigurdson". The signature is written in a cursive, flowing style.

Cindy Sigurdson
Process and Compliance Technician

cc. Dale LeBritton, Senior Operations Manager



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

**Annual Summary Report
For the
West Elgin Distribution System
2014**

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.	2
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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, 2014. 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 (Issue 1: December 9, 2014) and Drinking Water Works Permit 304-201 (Issue 1: December 9, 2014).

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, 2015.

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 Ontario Drinking Water Quality Standards. However, some of the regulatory requirements were not met as identified in the MOE inspection Report.

The routine inspection was conducted on February 4th, 2014 by the MOE and no Ministry of the Environment Provincial Officer's Orders were issued. There was one non-compliance with regulatory requirements identified in the inspection report. The overall inspection rating was 99.43% for the entire West Elgin Drinking Water System.

The non-compliance with regulatory requirements and actions required for the West Elgin DS as appeared in the Inspection Report was:

1. The owner has been provided with as built drawings for the watermain replacement but the distribution system drawing referenced in Table 1 of Schedule A of the Drinking Water Works Permit has not been updated within 12 months of the completion of all Form 1 projects.

As per condition 3.5 of Schedule B of the Drinking Water Works Permit, the document or file referenced in Column 1 of Table 1 of Schedule A of this drinking water works permit that sets out watermains shall be retained by the owner and shall be updated to include watermain additions, modifications, replacements and extensions within 12 months of the addition, modification, replacement or extension. This contravention is a non-compliance to paragraph 31 (1) (b) of the Safe Drinking Water Act, which stipulates:

31. (1) No person shall,
- (a) establish a new municipal drinking water system or replace or carry out an alteration to a municipal drinking water system except under the authority of and in accordance with an approval under this Part or a drinking water works permit; or
 - (b) use or operate a municipal drinking water system that was established before or after this section comes into force except under the authority of and in accordance with an approval under this Part or municipal drinking water licence.

The owner shall forward a copy of the updated document which shows all the updated changes to Stephen Dunn, Ministry of the Environment by April 30, 2014.

SECTION 3: Corrective Action

The non-compliances identified in the MOE Inspection Report for the West Elgin DS was addressed by providing an updated drawing to Stephen Dunn on April 25th, 2014. This drawing was also provided for the new Drinking Water Works Permit that was issued in December.

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. The flow is metered as it leaves the plant, the volume supplied in 2014 was 1,096,826m³. 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 within the West Elgin Distribution System to monitor flows to the Village of Rodney and rural parts of West Elgin. 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	West Elgin North	Pioneer Line	Marsh Line	Silver Clay Line	Eagle West
January	84,447	6,360	4,727	1,976	2,452	3,175
February	70,368	4,949	4,111	2,003	2,132	2,125
March	78,763	6,124	3,864	3,960	1,421	1,698
April	81,578	6,336	4,154	4,598	1,895	2,027
May	100,101	8,119	4,858	8,582	3,000	3,389
June	111,010	7,485	7,718	7,074	4,412	2,990
July	107,992	7,657	8,050	6,288	4,506	2,731
August	104,634	7,327	7,830	6,440	4,633	2,252
September	96,058	6,762	6,687	4,383	3,936	1,459
October	100,235	8,744	6,504	5,711	3,684	1,982
November	78,656	6,279	4,081	3,350	2,762	1,268
December	82,985	6,554	4,204	2,704	2,520	1,452
Total	1,096,826	82,696	66,788	57,070	37,352	26,548