

2
0
2
5

CENTRAL ELGIN

St. Thomas Suburban Areas

Ontario Regulation 170/03

Summary Report

For the Period
January 1, 2025 – December 31, 2025

License Number: 046-101
Permit Number: 046-201



Table of Contents

1	Summary Report Requirements	1
1.1	Introduction.....	1
1.2	System Description.....	1
1.3	System Approvals and Regulatory Requirements	1
2	Evaluation of Water Quantities and Flow Rates	2
3	Water Quality Summary.....	3
3.1	St. Thomas Environmental Services Operations - Water Quality Testing Summary....	3
4	Summary of Non-Compliant Conditions	3
4.1	Ministry of the Environment, Conservation and Parks Inspection.....	3
4.2	Adverse Test Results and Issue Resolution	3
5	List of Appendices	3
APPENDIX A	Central Elgin (St. Thomas Suburban Areas) - 2025 Annual Report.....	4

1 Summary Report Requirements

1.1 Introduction

The 2025 Summary Report for the Municipality of Central Elgin Distribution System (St. Thomas Suburban Area) has been prepared to satisfy the requirements of Schedule 22 of Ontario Regulation 170/03, to prepare and distribute a summary report of water system operations. The report is to outline any regulatory non-compliance with respect to water quality and water system management and administration and evaluate the water system infrastructures adequacy, with respect to its ability to continue to meet the water demands of the serviced community.

Specifically, Regulation 170/03, states that the summary report must:

- 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; and
- b. For each requirement referred to in clause (a) that was not met, specify the duration of the failure and the measures that were taken to correct the failure.

The report must also include the following information for the purpose of enabling the owner of the system to assess the capability of the system to meet existing and planned uses of the system:

- A summary of the quantities and flow rates of the water supplied during the period covered by the report, including monthly average and maximum daily flows.
- A comparison of the summary 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 its water from another system under an agreement, to the flow rates specified in the written agreement.

This Summary Report covers the reporting period from January 1, 2025 to December 31, 2025.

1.2 System Description

The Municipality of Central Elgin (St. Thomas Suburban Areas) drinking water system receives its water through various connections to the St. Thomas Water Distribution System.

Water is supplied to Central Elgin residents in three geographically separated areas; the Old Lynhurst Area, the Southeast Area and the Southwest Area. These areas are collectively referred to as the St. Thomas Suburban Areas,

The Municipality of Central Elgin (St. Thomas Suburban Areas) drinking water system is considered a distribution-only system, providing water directly to Central Elgin residents and businesses.

1.3 System Approvals and Regulatory Requirements

Operation and Maintenance of the Municipality of Central Elgin (St. Thomas Suburban Areas) drinking water system is governed by the *Safe Drinking Water Act, 2002*, and the regulations established under this Act. In accordance with the *Safe Drinking Water Act*, The Corporation of the Municipality of Central Elgin, as owner of the system, holds a Municipal Drinking Water Licence and

Drinking Water Works Permit, which provide approval for the establishment of the systems drinking water infrastructure and provides the Municipality, as owner of the system, the authority to operate and maintain said water system.

During the reporting period, The Municipality of Central Elgin (St. Thomas Suburban Areas) drinking water system was operated pursuant to the approvals, licences and permits listed below:

- MDWL No. 046-101, issue 5
- DWWP No. 046-201, issue 5

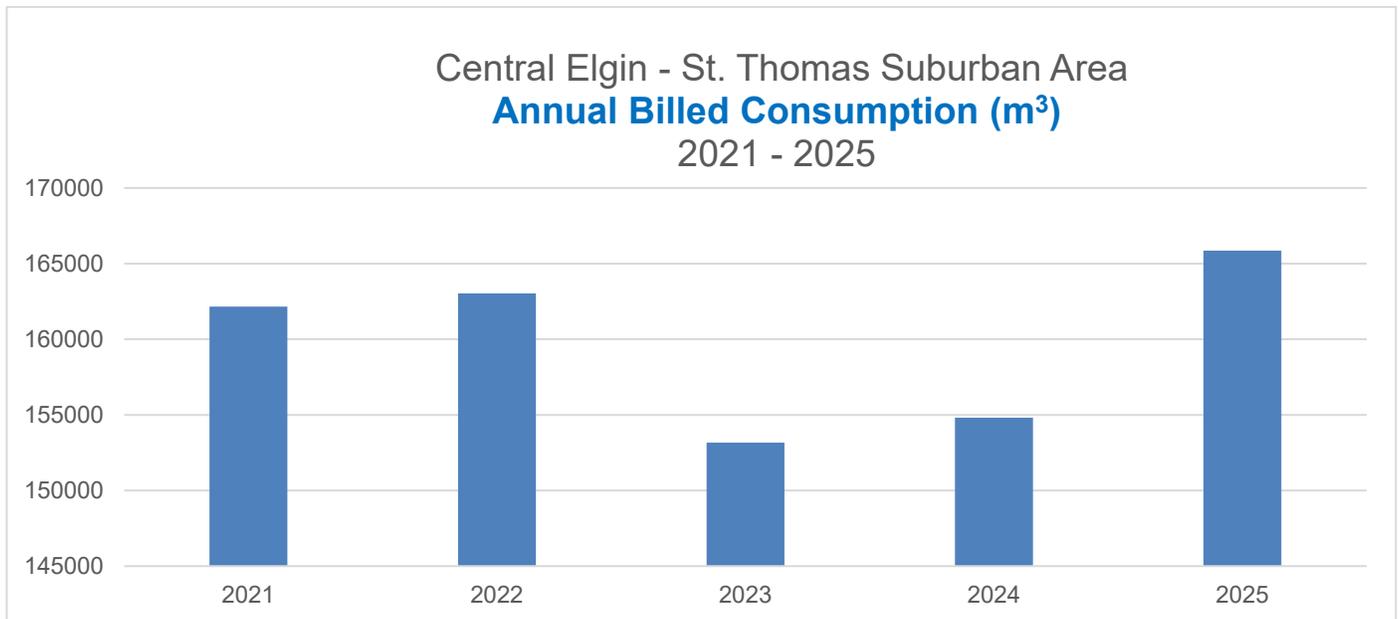
Ontario Regulation 170/03 – Drinking Water Systems, governs the operation, maintenance and water quality monitoring requirements for municipal drinking water systems in Ontario. *Ontario Regulation 128/04 – Certification of Drinking Water System Operators and Water Quality Analysts* sets out the requirements for persons performing operational or maintenance activities on the system. The *Safe Drinking Water Act, 2002* and the associated regulations are enforced by the Ministry of Environment, Conservation and Parks (MECP) and monitored through annual inspections by Ministry personnel.

The Central Elgin - St. Thomas Suburban Area (MCE-STSA) drinking water infrastructure is a subsystem of the Central Elgin Distribution System and undergoes Ministry Inspection at the same time as the remainder of the Central Elgin Distribution System. The City of St. Thomas, as Operating Authority for the system, has had no contact with the Ministry of Environment, Conservation and Parks (MECP) relating to the operation of the MCE-STSA over the 2025 year. Any non-compliant conditions identified during the course of the annual inspection related to St. Thomas operations, are listed in the Inspection Report issued at the conclusion of the inspection period and are summarized in Section 4.1 of this Report.

Ontario Regulation 169/03 – Ontario Drinking Water Quality Standards sets the limits for parameters of concern in drinking water. Drinking water quality is monitored by the City of St. Thomas, and any exceedance of the Drinking Water Quality Standards must be reported to the MECP and Public Health Unit, verbally and in written form using a Notice of Adverse Test Results and Issue Resolution Form. Any non-compliant conditions identified through water quality monitoring exercises over the reporting period have been documented on a Notice of Adverse Test Results and Issue Resolution Form and are summarized in section 4.2 of this report.

2 Evaluation of Water Quantities and Flow Rates

Due to the nature and number of connection points to the St. Thomas Drinking Water System, there is currently no capability to monitor the quantities and flow rates supplied to the MCE-STSA. The table below demonstrates the Annual Billed Consumption for the MCE-STSA from 2021- 2025. Over the 2025 year, 165,861 m³ of water was billed to users in the MCE-STSA. This represents an increase of 11,043 m³ or 7.13% over 2024.



3 Water Quality Summary

3.1 St. Thomas Environmental Services Operations - Water Quality Testing Summary

A summary of water quality testing completed by the City of St. Thomas – Environmental Services Dept. over the course of the reporting period is available in the Annual Report, attached as Appendix A.

4 Summary of Non-Compliant Conditions

4.1 Ministry of the Environment, Conservation and Parks Inspection

The City of St. Thomas, as Operating Authority for the system, has had no contact with the Ministry of Environment, Conservation and Parks (MECP) relating to the operation of the MCE-STSA over the 2025 year.

MECP Inspection Finding	O.A.	Action Taken
N/A	N/A	N/A

4.2 Adverse Test Results and Issue Resolution

Any non-compliant conditions identified through water quality monitoring exercises undertaken by St. Thomas Environmental Services over the reporting period, and actions taken are summarized in the table below.

Adverse Test Result (Date / Location)	O.A. Responsible	Action Taken
N/A	N/A	N/A

5 List of Appendices

Appendix A – Central Elgin (St. Thomas Suburban Areas) - 2025 Annual Report

APPENDIX A

Central Elgin (St. Thomas Suburban Areas) - 2025 Annual Report



Drinking-Water System Number:	260002187
Drinking-Water System Name:	Central Elgin Drinking Water System (St. Thomas Suburban Areas)
Drinking-Water System Owner:	Municipality of Central Elgin
Drinking-Water System Category:	Large Municipal Residential
Period being reported:	January 1, 2025 through December 31, 2025

<p><u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u></p> <p>Does your Drinking-Water System serve more than 10,000 people? Yes [] No [X]</p> <p>Is your annual report available to the public at no charge on a web site on the Internet? Yes [X] No []</p> <p>Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</p> <div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p>Central Elgin Administration Office 450 Sunset Drive St. Thomas Ontario, Canada N5R 5V1</p> </div>	<p><u>Complete for all other Categories.</u></p> <p>Number of Designated Facilities served: <input style="width: 100px;" type="text" value="NA"/></p> <p>Did you provide a copy of your annual report to all Designated Facilities you serve? Yes [] No []</p> <p>Number of Interested Authorities you report to: <input style="width: 100px;" type="text" value="NA"/></p> <p>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes [] No []</p>
---	---

List all Drinking-Water Systems (if any), which receive all of their drinking water from your system:

Drinking Water System Name	Drinking Water System Number

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 of its drinking water?
Yes [X] 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

The Central Elgin Drinking Water System (St Thomas Suburban Area) consists of a network of watermains, hydrants, and valves within 6 service areas suburban to the City of St. Thomas, and receiving all drinking water from the City of St. Thomas Water Distribution System.

List all water treatment chemicals used over this reporting period

None

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

N/A

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
NA	NA	NA	NA	NA	NA

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 Or Fecal Results (min)-(max)	Range of Total Coliform Results (min)-(max)	Number of HPC Samples	Range of HPC Results (min)-(max)
Raw	NA	NA	NA	NA	NA
Treated	NA	NA	NA	NA	NA
Distribution	52	(0)-(0)	(0)-(0)	52	(<10)-(70)

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)
Chlorine (Grab Samples)	52	(0.42) - (1.34)

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
NA	NA	NA	NA	NA



Summary of Inorganic parameters tested during this reporting period or the most recent sample results

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
NA	NA	NA	NA	NA

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)	Number of Exceedances
Plumbing	NA	NA	NA
Distribution	NA	NA	NA

Summary of Organic parameters sampled during this reporting period or the most recent sample results

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
HAA5 (NOTE: show latest annual average)	Refer to St. Thomas Drinking Water System Annual Report			
THM (NOTE: show latest annual average)	Refer to St. Thomas Drinking Water System Annual Report			

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
NA	NA	NA	NA
NA	NA	NA	NA