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# TOWNSHIP OF SOUTHWOLD

Lynhurst Park Drive

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Ontario Regulation 170/03

## Summary Report

For the Period

*January 1, 2025 – December 31, 2025*

License Number: 055-101

Permit Number: 055-201



TOWNSHIP OF  
**Southwold**



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# 1 Summary Report Requirements

## 1.1 Introduction

The 2025 Summary Report for the Southwold Distribution System (Lynhurst Park Drive) 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 Township of Southwold (Lynhurst Park Drive) drinking water subsystem receives its water indirectly from the St. Thomas Water Distribution System, through a connection to the Central Elgin (St. Thomas Suburban Areas) Water System.

The Township of Southwold (Lynhurst Park Drive) drinking water subsystem is considered a distribution-only system, providing water directly to Southwold residents.

## 1.3 System Approvals and Regulatory Requirements

Operation and Maintenance of the Township of Southwold (Lynhurst Park Drive) 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 Township of Southwold, 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 Township of Southwold (Lynhurst Park Drive) drinking water system was operated pursuant to the approvals, licences and permits listed below:

- MDWL No. 055-101, issue 3
- DWWP No. 055-201, issue 4

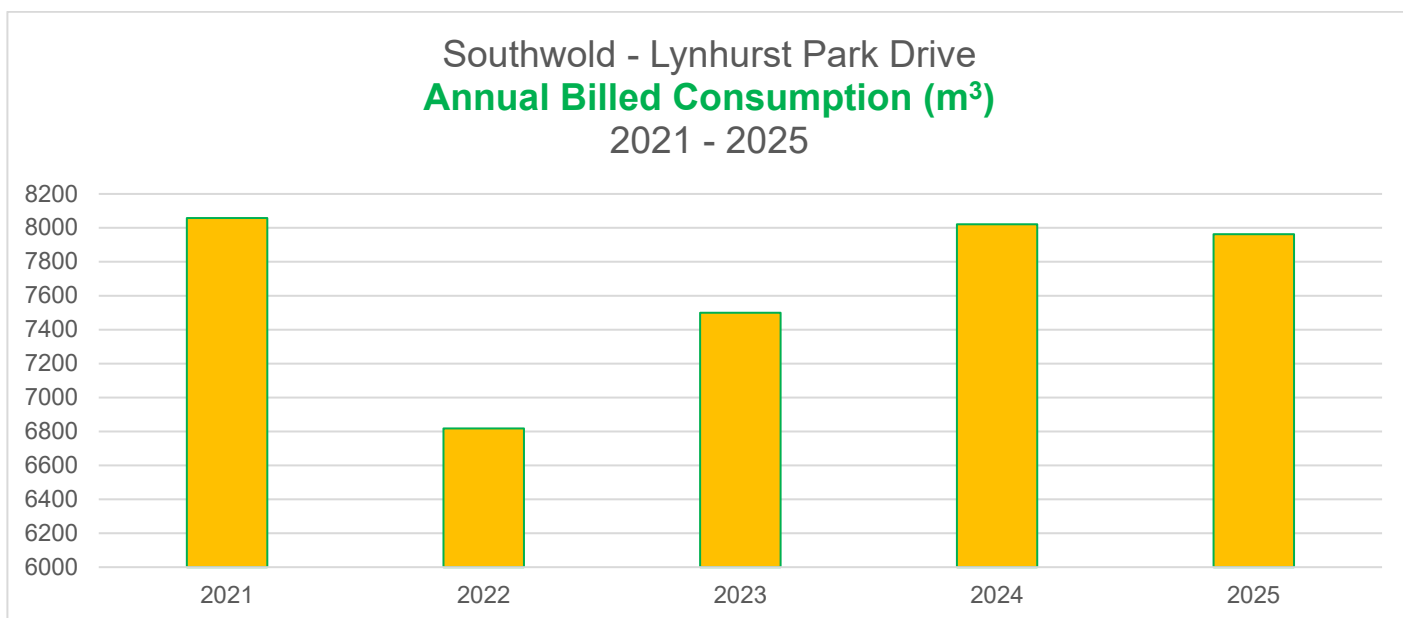
*Ontario Regulation 170/03 – Drinking Water Systems*, governs the operation, maintenance and water quality monitoring requirements for municipal drinking water systems in Ontario. *Ontario Regulation 128/04 – Certification of Drinking Water System Operators and Water Quality Analysts* sets out the requirements 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 Township of Southwold (Lynhurst Park Drive) drinking water infrastructure is a subsystem of the Southwold Distribution System and undergoes Ministry Inspection at the same time as the remainder of the Southwold Distribution System. The City of St. Thomas, as Operating Authority for the subsystem has had no contact with the Ministry of Environment, Conservation and Parks (MECP) relating to the operation of the Lynhurst Park Drive Area over the 2025 year. Any non-compliant conditions identified over the course of the annual inspection related to St. Thomas operations are listed in an Inspection Report issued at the conclusion of the inspection period and are summarized in Section 4.1 of this Report, if applicable.

*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 of the connection point to the St. Thomas Drinking Water System, there is currently no capability to monitor the bulk quantities and flow rates supplied to the Lynhurst Park Drive area. The table below demonstrates the Annual Billed Consumption for the Lynhurst Park Drive area from 2021- 2025. Over the 2025 year, 7,963 m<sup>3</sup> of water was billed to users in the Lynhurst Park Drive area. This represents a decrease of 58 m<sup>3</sup> or 0.7% from 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 Township of Southwold (Lynhurst Park Drive) drinking water system 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** – Township of Southwold (Lynhurst Park Drive) - 2025 Annual Report

# APPENDIX A

**Township of Southwold (Lynhurst Park Drive) - 2025 Annual Report**

|                                        |                                                             |
|----------------------------------------|-------------------------------------------------------------|
| <b>Drinking-Water System Number:</b>   | 210001362                                                   |
| <b>Drinking-Water System Name:</b>     | Southwold Drinking Water System (Lynhurst Park Subdivision) |
| <b>Drinking-Water System Owner:</b>    | Corporation of the Township of Southwold                    |
| <b>Drinking-Water System Category:</b> | Large Municipal Residential                                 |
| <b>Period being reported:</b>          | January 1, 2025 through December 31, 2025                   |

**Complete if your Category is Large Municipal Residential or Small Municipal Residential**

**Does your Drinking-Water System serve more than 10,000 people?** Yes [ ] No [X]

**Is your annual report available to the public at no charge on a web site on the Internet?**  
Yes [X] No [ ]

**Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.**

Township of Southwold Office  
35663 Fingal Line  
Fingal, ON N0L 1K0

**Complete for all other Categories.**

**Number of Designated Facilities served:**

NA

**Did you provide a copy of your annual report to all Designated Facilities you serve?**

Yes [ ] No [ ]

**Number of Interested Authorities you report to:**

NA

**Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility?**  
Yes [ ] No [ ]

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

| <b>Drinking Water System Name</b> | <b>Drinking Water System Number</b> |
|-----------------------------------|-------------------------------------|
|                                   |                                     |
|                                   |                                     |
|                                   |                                     |
|                                   |                                     |

**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 [ ] No [ ]

**Indicate how you notified system users that your annual report is available and is free of charge.**

[x] Public access/notice via the web

[x] Public access/notice via Government Office

[ ] Public access/notice via a newspaper

[x] Public access/notice via Public Request

[ ] Public access/notice via a Public Library

[ ] Public access/notice via other method \_\_\_\_\_



# Ontario Drinking-Water Systems Regulation O. Reg. 170/03

## Describe your Drinking-Water System

The Southwold Drinking Water System (Lynhurst Park Subdivision) consists of a looped watermain, hydrants, and valves within the Lynhurst Park Drive Subdivision, providing water service to approximately 50 residential properties. The system is suburban to the City of St. Thomas and receives all drinking water from the City of St. Thomas Water Distribution System.

## List all water treatment chemicals used over this reporting period

N/A

## 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

No significant expenses were incurred in this area in 2025.

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) | # of HPC Samples | Range of HPC Results (min) - (max) |
|--------------|-------------------|----------------------------------------------|-----------------------------------------------|------------------|------------------------------------|
| Raw          | NA                | NA                                           | NA                                            | NA               | NA                                 |
| Treated      | NA                | NA                                           | NA                                            | NA               | NA                                 |
| Distribution | 13                | (0)-(0)                                      | (0)-(0)                                       | 13               | (<10)-(10)                         |

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) | 13                     | (0.20) - (0.87)                  |

*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<br>(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<br>(NOTE: show latest annual average) | Refer to St. Thomas Drinking Water System Annual Report |              |                 |            |
| THM<br>(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             |