

**DATE:** February 10, 2025

**REPORT NO:** O-01-2025

**SUBJECT:** **2024 Water Quality Annual Report**

**CONTACT:** Tray Benish, Manager of Operations, ORO  
Mike DiPaola, P. Eng. – Director of Operations

**OVERVIEW:**

- Under the requirements of O. Reg. 170/03 made under the Safe Drinking Water Act, the owner of a drinking water system is required to prepare an Annual Report and make it available free of charge to any persons requesting a copy.
- This report is being provided to Council supplementary to regulatory requirements.
- The annual drinking water quality report captures all Smithville drinking water system samples taken in 2024 and indicates water quality trends of the drinking water system.
- A copy of this report is attached as “Schedule A”.

**RECOMMENDATION:**

1. That, Information Report O-01-2025 titled, “2024 Water Quality Annual Report”, dated February 10, 2025, be received for information.

**ALIGNMENT TO STRATEGIC PLAN:**

**Theme #1**

- **BUILD** - A safe and connected, caring, and active community

**BACKGROUND:**

The delivery of potable water in Ontario is regulated by the Ministry of the Environment, Conservation and Parks (MECP) under the Safe Drinking Water Act, 2002. On June 1, 2003, O. Reg. 170/03, Drinking Water Systems, came into effect. This regulation prescribes requirements for owners and operators of municipal drinking water systems.

Under the requirements of O. Reg. 170/03 made under the Safe Drinking Water Act, the owner of a drinking water system is required to prepare an Annual Report no later than

February 28 of each year and make it available free of charge to any persons requesting a copy.

This Regulation also requires the owner to produce an Annual Report. This report must include the following:

- Description of the system
- Summary of all required testing results
- Summary of any adverse water quality reports and corrective actions
- Description of any major expenses incurred to install, repair or replace required equipment

### **CURRENT SITUATION:**

The Smithville Distribution System has 35 km of water mains, serving approximately 6150 residents; the system contains 264 hydrants and 341 valves.

The Township also owns and operates a bulk fill station to serve the rural population as well as a small container fill station. All Township owned services are protected by backflow devices.

Smithville receives its treated water from the Grimsby Water Treatment Plant which is owned by the Regional Municipality of Niagara (MOE waterworks #220007150).

Distribution Water is sampled for Microbiological and Chemical parameters and chlorine residuals. These samples are done weekly and quarterly by licensed Township water operators.

There were no adverse samples in 2024 within the distribution system. All samples taken were within ministry standards. The water operators follow all policies and procedures while sampling.

The Township of West Lincoln's 2024 Water Quality Report is being provided to Council for information purposes. It is included as "Schedule A" to this report.

The report has been made available to the public.

### **FINANCIAL IMPLICATIONS:**

There are no financial implications resulting from this report.

### **INTER-DEPARTMENTAL COMMENTS:**

This report has been reviewed by the CAO, and the Clerk's office.

### **CONCLUSION:**

This report is to inform Committee and Council of the water quality trends in 2024 for the

Smithville Drinking Water System, and that this report has also been made available to the public by request or through the Township website.

**SCHEDULE(S)**

Schedule A – 2024 Annual Drinking Water Quality Report

**Prepared & Submitted by:**

**Approved by:**

**Tray Benish, CRS-S, ORO**  
Manager of Operations

**Truper McBride**  
CAO

**Mike DiPaola, P. Eng.**  
Director of Operations