



Staff Report IN2025-02

Standing Committee 2025-02-10

Council 2025-02-24

Amendments

Submitted To: Council of the Whole Standing Committee | Council
Submitted By: Peggy Slama, Manager, Water and Wastewater Services
Prepared By: Elena Rotoklya, Compliance Officer, Water and Wastewater Services
Subject: Annual Water Compliance Report

Recommendation

THAT Staff Report IN2025-02 be received;

AND THAT the report be considered at the February 24, 2025, Council meeting to ensure the legislated deadline specified in Ontario Regulation 170/03 Drinking Water Systems will be met;

AND THAT Council direct staff to post the 2024 Annual Summary Report on the Town's website no later than February 28, 2025.

Amendments

N/A

1. Executive Summary

This annual report complies with the requirements of Ontario Regulation 170/03 made under the Safe Drinking Water Act 2002 (SDWA). Information contained in the report is required by the Ministry of the Environment, Conservation and Parks (MECP) and used by our consumers to learn more about our water system and answer general inquiries about water quality. The 2024 Annual Summary Report covers the period of January 1, 2024 to December 31, 2024.

The SDWA requires that an Annual Report be prepared by February 28 of the following year, and a Summary Report must be provided to Council by March 31 of the following year.

The report concludes the Town of Collingwood continues to provide a safe, reliable source of potable water to our consumers and continues to meet or exceed all legislative requirements.

2. Analysis

The data shows the Town's water system meets or exceeds regulatory requirements. The 2024 Annual Water Compliance Report (Appendix A) is a compilation of the legislated requirements for the Annual and Summary Reports.

There were two noted non-compliances. One is related to wastewater discharged to the bay containing slightly higher levels of chlorine residual. This has been a known limitation (by operations and MECP) related to the way the existing treatment plant is configured and will be rectified through the planned water treatment plant (WTP) expansion and upgrade. Until then, the Town received regulatory relief from the MECP in December 2024, resulting in an adjusted discharge limit until the new WTP is commissioned. The wastewater discharge has remained within the new permitted concentration since the adjusted discharge limit has been implemented.

A second non-compliance incident was identified with respect to the Subsection 10.1(3) of O. Reg. 170/03 on the requirement to notify MECP on the changes to the Drinking Water System within 10 days. Such notification was not made on time regarding the recently added ultraviolet disinfection equipment. It was added to the treatment component's section description of the Drinking Water System and Town submitted an updated profile information form to the MECP in July 2024.

The maximum treated water demand of 25,476 m³/d was experienced in July 2024. This maximum day demand represented 82% of the WTP rated capacity. An expansion of the WTP is currently under construction and expected to be completed in Fall 2029.

Financial Impacts

Net changes to overall sampling requirements are expected to result in a small reduction in operating costs.

Conclusion

The Town continues to provide safe and reliable drinking water services to Collingwood residents and its customer municipalities, as demonstrated by the regular monitoring and maintenance of the drinking water systems.

3. Input from Other Sources

Department Heads reviewed this report at their regular meeting on Tuesday, February 5, 2025, and the report was recommended to proceed to the Committee of the Whole.

4. Applicable Policy or Legislation

Ontario Regulation 170/03 of the SDWA requires that an Annual Report for the Collingwood Drinking Water System be prepared for each calendar year that includes:

- A brief description of the drinking water system, including water treatment chemicals used;
- Results of drinking water quality tests;
- A summary of any adverse water quality reports, or any reports of observations that improper disinfection of drinking water occurred;
- The corrective action that was taken to resolve any adverse water quality incident(s) or observation(s) of improper disinfection; and
- Major operating and/or capital expenses to maintain the drinking water system.

Ontario Regulation 170/03 of the SDWA also requires a Summary Report for the Collingwood Drinking Water System be prepared for each calendar year, and submitted to Council, which includes:

- A list of the requirements of the SDWA, 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 covered by the report, and

- The duration of any failures and the measures that were taken to correct the failure.
- A summary of the quantities and flow rates of the water supplied, including monthly average and maximum daily flows; and
- A comparison of the quantity and flow of water supplied to the rated capacity and flow rates approved for the system including monthly average and maximum daily flows.

Ontario Regulation 170/03 of the SDWA also requires that:

- The Annual Report be made available to anyone who requests a copy, at no charge;
- The Annual Report be posted on the Town’s website; and
- Water system users are advised how they can obtain a copy of the Annual Report.

5. Considerations

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|------------------------------------------------------------------------|------------------------------------------------|
| <input checked="" type="checkbox"/> Community Based Strategic Plan: | Consistent with CBSP |
| <input type="checkbox"/> Services adjusted if any | Not Applicable |
| <input checked="" type="checkbox"/> Climate Change / Sustainability: | No net effect on climate change/sustainability |
| <input checked="" type="checkbox"/> Communication / Engagement: | Advertisement/Notice will be provided |
| <input type="checkbox"/> Accessibility / Equity, Diversity, Inclusion: | Not Applicable |
| <input type="checkbox"/> Registered Lobbyist(s) relating to content: | Not Applicable |

Next steps and future action required following endorsement:

Following Council endorsement, the report will be submitted to the MECP, posted on the Town’s website and be available for residents by February 28, 2025.

6. Appendices and Other Resources

Appendix A: Collingwood Drinking Water System 2024 Annual Summary Report

7. Approval

Prepared By:

Elena Rotoklya, Compliance Officer, Water and Wastewater

Reviewed By:

Peggy Slama, P.Eng., Manager, Water and Wastewater

CAO Comments:

Endorsed on Feb. 5, 2025, by Sonya Skinner to proceed to Committee of the Whole.