

STAFF REPORT

Department: Environmental Services and Special Projects

Date: March 11, 2025

Item: 2024 Annual Drinking Water Report

Recommendation: Be It Resolved That: Council Receive the 2024 Annual Drinking Water Report.

Background:

- The Annual Drinking water report must be presented to Council by March 31st in every calendar year. The contents of the report are legislated by various Acts and Regulations, see cover letter for greater detail.

Analysis:

- Section 3 of the report discusses the amount of water treated and pumped by the municipality. The section highlights the overall operating performance of the plant and is operating at 47% capacity. This information is important when considering development in the community and its impact on the treatment plant.
- The 2023 Annual Report, last year's report, indicated 57% capacity. This change in performance is likely attributed to the capital investment in the distribution systems. As a result of treating less water per year Council could expect reductions in chemical used to treat water, less run times of equipment and extending life of assets while reducing utility costs.
- Despite the facility scoring 100% there were 3 non-compliance events reported to MECP for the year (Pages 5-6). A non-compliance event is the documented variation from normal operating procedure outside our municipal licensing requirements and or legislation.
- The remainder of the report identifies all the testing results for the year, no exceedances were detected.

The following are a few small of definitions of some of the abbreviations used to help understand the testing values.



mg/liter = 0.001/litre or 1 part per million. For perspective, chlorinated water leaves the treatment plant in a range of 1.0-1.5 mg/litre. The average home receives their water at the tap at 0.5-0.7 mg/litre. An Adverse water quality in the distribution system 0.05mg/liter. Pool water is about 4mg/litre.

ug/liter = 0.000001/litre or 1 part per billion
MDL=Minimum Detection Limit
MAC= Maximum Acceptable concentration
TW= Treated Water

Existing Policy: Schedule 22 of On Reg.170/03, this summary report is to be provided to council no later than March 31st.

Strategic Goal: Town government, Effective Municipal Governance and Operations

Financial Commitment: none

Budgeted: **Yes** ☐ **No** ☐

Implementation: N/A

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CAO/Clerk: Joseph Burke

Approval of Recommendation: **Yes** ☒ **No** ☐

Comments: