

Staff Report

Presented By: Larry Gill, Manager Operations

Meeting Date: March 24, 2025

Subject: Wastewater System Annual Report 2024

Attachment(s): Port Elgin Sewage Treatment Plant Annual Report
Southampton Sewage Treatment Plant Annual Report

Recommendation

That Council receive the 2024 Wastewater System Annual Reports for information.

Report Summary

In accordance with condition 11 (4) of the Town's Environmental Compliance Approval (ECA) for the Port Elgin STP and Condition 17 of the ECA for the Southampton STP, the following reports are being provided to Council, and will be made available at the municipal office and on the Town's website: the 2024 Port Elgin Sewage Plant Annual Report and the 2024 Southampton Sewage Treatment Plant.

Background/Analysis

The 2024 Annual Sewage and Collection System Performance Reports are prepared by the Ontario Clean Water Agency (OCWA) on behalf of the Town. Copies of the reports have also been submitted to the Ministry of the Environment, Conservation and Parks (MECP).

Most notable in the reports are that there were no critical operating challenges, bypasses or spills reported in any of the systems for the reporting period.

The comprehensive report includes details of the following categories.

Port Elgin Plant and Collection System:

1. System Description
2. Monitoring Data
3. Operating Challenges
4. Major Maintenance Activities
5. Effluent Quality Assurance and Control

6. Calibration and Maintenance Procedures
7. Sludge Generation and Disposal
8. Community Complaints
9. By-passes, Spills & Discharge Events
10. Municipal Sewage Collection System Annual Performance

Southampton Plant and Collection System:

1. System Description
2. Monitoring and Compliance Reports
3. Monitoring and Analytical Data
4. Effluent Quality Assurance and Control
5. Major Maintenance Activities
6. Operating Challenges
7. Proposed Alterations, Extensions or Replacements
8. Sludges Generation
9. Sludge Handling
10. Calibration and Maintenance Procedures
11. Modifications for Performance and Reliability
12. Municipal Sewage Collection System Annual Performance

Linkages

- Strategic Plan Alignment: Pillar 1: Meeting the Needs of a Growing Community
- Business Plan Alignment: Operations Business as Usual

Financial Impacts/Source of Funding

No costs or revenue is associated with this report.

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Reviewed By: Matt Prentice, Director Operations

Approved By: Kara Van Myall, Chief Administrative Officer