

**Meeting Date:** March 17, 2025  
**Department:** Engineering & Public Works  
**Report No.:** EPW-2025-09  
**Submitted by:** Mark Ortiz, Director of Engineering & Public Works  
**Approved by:** Robert Browning, Chief Administrative Officer  
**SUBJECT:** **Annual Reporting - Wastewater Facilities 2024**

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**RECOMMENDATION:**

**THAT: Report EPW-2025-09 titled “Annual Reporting – Wastewater Facilities 2024” be received for information.**

**BACKGROUND:**

Provincial legislation requires the preparation of annual reports. The reports must be submitted to the Ministry of Environment, Conservation and Parks (MECP) prior to March 31<sup>st</sup> of the following year. These requirements apply to each of the Strathroy and Mount Brydges Wastewater Treatment Facilities.

The annual reports for both the Strathroy and Mount Brydges treatment facilities are attached.

**COMMENTS:**

**Strathroy WWTF**

The facility was operated in compliance with Environmental Compliance Approval (ECA) requirements.

The design for the Phase 2 upgrades is nearing completion and we are still awaiting for MECP approval of an updated ECA.

**Mount Brydges WWTF**

Mount Brydges WWTF continues to struggle to meet Total Ammonia Nitrogen limits as well as pH and Total Suspended Solid limits as set out in the Environmental Compliance Approval and there were multiple exceedances throughout the year. These exceedances were reported to the MECP.

In May 2022, the Municipality submitted an ECA application for an interim solution of adding equalization to the Mt. Brydges WWTF in an attempt to improve the final effluent results. The Municipality received a new ECA for the implementation of the interim solution December 20th 2023. The work for the interim solution was tendered for construction and awarded for construction.

In August of 2024, an updated ECA was received for the conversion to an extended aeration process, which includes the addition of a headworks structure and the necessary equipment at the wastewater facility.

In the fall of 2024, the construction of the interim solution was paused. At the end of 2024 it was decided to hire a third party Engineering Consultant to review the process and proposed upgrades. In early 2025, CIMA+ (Engineering Consultant) was awarded the project.

The design for the extended aeration upgrades is nearing completion and is anticipated to be ready for construction tendering in the second quarter of 2025.

**CONSULTATION:**

There is no requirement for consultation with the preparation and presentation of the annual reports.

**FINANCIAL IMPLICATIONS:**

There are no financial implications related to this report.

**ALTERNATIVE(S) TO THE RECOMMENDATION:**

1. Council to provide alternate direction, if any.

**STRATEGIC PLAN ALIGNMENT:**

This matter is in accord with the following strategic priorities:

**Local Infrastructure and Capital Investment:** Households and businesses in Strathroy-Caradoc are supported by reliable, financially responsible and well-maintained infrastructure networks

**ATTACHMENTS:**

- 2024 Strathroy Wastewater Treatment Facility Annual Report
- 2024 Mt. Brydges Wastewater Treatment Facility Annual Report