



Staff Report

Report To: Dan Best, Chief Administrative Officer

From: **Shawn Young, Manager of Environmental Services**

Date: February 22 2022

Report: ESD.22.03

Subject: 2021 Annual Performance Assessment Summary Report for the Exeter Wastewater Treatment Facility

Recommendations:

That South Huron Council receive the report from Shawn Young, Manager of Environmental Services RE: 2021 Annual Performance Assessment Summary Report for the Exeter Wastewater Treatment Facility.

Purpose:

For Information

Background and Analysis

Owners of Wastewater Treatment Facilities are required to report annually the analytical results of sewage sampling to the Ministry of the Environment, Conservation and Parks (MECP) in accordance with the Environmental Compliance Approval (ECA) for that facility. The ECA for the Exeter Wastewater Treatment Facility requires the Owner to prepare and submit to the MECP Sarnia District Office an Annual Performance Assessment Summary Report for the facility within ninety (90) calendar days of the end of the year being reported on.

Municipal facilities that discharge wastewater into an open water course must ensure the quality and quantity of wastewater complies with the Environmental Compliance Approval (ECA), applicable legislation, policies and

guidelines for sampling wastewater discharge; shall analyze the wastewater discharge samples and regularly report the results to the MECP.

Raw sewage and final effluent are sampled and monitored at frequencies required under the Ministry's Procedure F-10-1, "*Procedures for Sampling and Analysis Requirements for Municipal and Private Sewage Treatment Works (Liquid Waste Streams Only)*". Raw sewage is sampled monthly for CBOD, Suspended Solids, TKN and Total Phosphorus. When discharging final effluent is sampled weekly for CBOD, Suspended Solids, Ammonia + Ammonium, TKN and Total Phosphorus. Any exceedances are immediately reported to the MECP Sarnia and Windsor District Office. Sampling results and flows are summarized on a monthly basis and reported to the MECP Sarnia District Office on a quarterly basis throughout the year under the Municipal Utility Monitoring Program (MUMP).

Sewage by-passes are reported immediately to the Ministry's Spills Action Centre (SAC) with follow up documentation/sampling provided to the MECP Sarnia and Windsor District Office. By-passes are summarized on a monthly basis and reported quarterly to the MECP Sarnia District Office.

The 2021 Annual Performance Assessment Summary Report for the Exeter Wastewater Treatment Facility was prepared and submitted by email to the MECP Sarnia District Office on February 16, 2022.

Operational Considerations:

As this report is being presented for information purposes only, no alternatives are presented.

South Huron's Strategic Plan:

Section 6.2.2 of the Municipality of South Huron 2015- 2019 Strategic Plan identifies key objectives that are reflective of the collective perspectives of the strategic planning process. The recommendations and actions outlined in this report are reflective of the following strategic objectives:

- ✓ Administrative Efficiency and Fiscal Responsibility
- ✓ Increased Communications and Municipal Leadership
- ✓ Transparent, Accountable and Collaborative Governance
- ✓ Dedicated Economic Development Effort

Financial Impact:

There are no financial implications for the Corporation resulting from the proposed recommendation.

Legal Impact:

There are no legal implications for the Corporation resulting from the proposed recommendation.

Staffing Impact:

There are no staffing implications for the Corporation resulting from the proposed recommendation.

Communication Actions:

Information is available to the public by publishing the council agenda and minutes.

Policies/Legislation:

1. Ontario Water Resources Act, R.S.O. 1990, c. O.40
2. Exeter Wastewater Treatment Facility ECA – NUMBER 0392-BB9KQV
3. MECP Sampling Procedure F-10-1

Consultation:

Don Giberson, General Manager of Infrastructure and Development was consulted in the preparation of this report.

Related Documents:

1. 2021 Annual Performance Assessment Summary Report for the Exeter Wastewater Treatment Facility

Respectfully submitted,

Shawn Young, Manager of Environmental Services