



Staff Report

Report To: Dan Best, Chief Administrative Officer
From: **Don Giberson, Environmental Services Director**
Date: March 19 2018
Report: ESD.18.07
Subject: 2017 Annual Performance Assessment Summary Report for the Exeter Wastewater Treatment Facility

Recommendations:

That South Huron Council receive the report from D. Giberson, ESD Director
RE: 2017 Annual Performance Assessment Summary Report for the Exeter Wastewater Treatment Facility.

Purpose:

The purpose of this report is to notify Council of regulatory compliance with respect to the submission to the Ministry of the Exeter Wastewater Treatment Facility Annual Performance Assessment Report.

Background and Analysis:

The Owners of a Wastewater Treatment Facility (WWTF) are required to annually report analytical results of sewage sampling to the Ministry of the Environment and Climate Change (MOECC) in accordance with the Environmental Compliance Approval (ECA). The ECA for the Exeter Wastewater Treatment Facility requires the Owner to prepare and submit to the MOECC Sarnia and Windsor 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 MOECC.

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 BOD5, Suspended Solids, TKN and Total Phosphorus. When discharging final effluent is sampled weekly for BOD5, Suspended Solids, Ammonia + Ammonium, TKN and Total Phosphorus. Any exceedances are immediately reported to the MOECC Sarnia and Windsor District Office.

Sewage by-passes are reported immediately to the MOECC Spills Action Centre (SAC) with follow up documentation/sampling provided to the MOECC Sarnia and Windsor District Office. Sampling results, flows and any bypasses are summarized on a monthly basis and reported to the MOECC Sarnia and Windsor District Office on a quarterly basis throughout the year under the Municipal Utility Monitoring Program (MUMP).

The 2017 Annual Performance Assessment Summary Report for the Exeter Wastewater Treatment Facility was prepared and submitted by email to the MOECC Sarnia and Windsor District Office on March 5, 2018.

Operational Considerations:

There were no alternatives considered.

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

Informing Council of regulatory compliance, reduces liability and results in efficient use of time/resources.

Increased Communications and Municipal Leadership

Communicating information to Council related to performance of the Exeter Wastewater Treatment Facility, keeps Members of Council informed and assists Council in making informed decisions.

Transparent, Accountable and Collaborative Governance

Public reporting of the Exeter Wastewater Treatment Facility Annual Performance Assessment Summary Report, demonstrates commitment to transparent, accountable and collaborative governance.

Dedicated Economic Development Effort

Informing Council of regulatory compliance, results in increased public confidence; retention/attraction of businesses and economic development opportunities.

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.

Policies/Legislation:

1. Ontario Water Resources Act, R.S.O. 1990, c. O.40
2. Ontario Water Resources Act, R.S.O. 1990, c. O.40
3. Exeter Wastewater Treatment Facility ECA - NUMBER 6088-9FEREP
4. MOECC Sampling Procedure F-10-1

Consultation:

Water/Sewer Foreman and Wastewater System “Over-All-Responsible Operator” compiled the information and submitted the report to the Ministry.

Related Documents:

1. 2017 Annual Performance Assessment Summary Report for the Exeter Wastewater Treatment Facility

Respectfully submitted,

A handwritten signature in black ink, enclosed in a light grey rectangular box. The signature is stylized and appears to read "Don Giberson".

Don Giberson, Environmental Services Director