

Information Report

Title: Environmental Services
Compliance Report September 2024

Report Number: Environmental Services-2024-
28

Director: Infrastructure &
Development

Manager: Environmental Services

Meeting Date:
Wednesday, October 9, 2024

Executive Summary:

The intent of this report is to inform Council of any compliance related issues and general information from the Environmental Services Department for the period of August 30 to September 27, 2024.

Context and Background Information:

This report includes a summary of Wastewater Total Suspended Solids Exceedances, the Drinking Water Quality Management System activities including training, an Internal Audit and the 3-year Risk Assessment.

Kincardine Wastewater System

An exceedance of the Total Suspended Solids (TSS) for the Kincardine Wastewater Final Effluent was reported to the Ministry for the months of August and September. The monthly average limit in the Environmental Compliance Approval (ECA) is 40mg/L. The monthly average for August was 52.5mg/L and September was 68mg/L. Staff are monitoring the treatment system and looking into potential solutions.

BEC Wastewater System

An exceedance of the Total Suspended Solids (TSS) for the BEC Wastewater Final Effluent was reported to the Ministry for samples taken in the months of August and September. The Bruce Energy Center ECA (Environmental Compliance Approval) has a monthly average limit of 30mg/L. The monthly average for August was 38mg/L and September was 45mg/L. The BEC ECA also has a single sample result limit of 45mg/L. The September 17 single sample result exceeded the limit with a result of 46mg/L. Staff are monitoring the treatment system and looking into potential solutions.

Drinking Water Quality Management System training and Internal Audit

Acclaims Environmental Inc. was on site September 25 and 26 to facilitate a training session on performing Internal Audits on the Drinking Water Quality Management System. The outcome of the training session will provide the Municipality with an internal audit on Document and Records control. The final audit report has not yet been received.

Drinking Water Quality Management System Risk Assessment

The full 3-year Risk Assessment review of the Drinking Water Systems was completed on September 4 and 5, 2024. The review covers the Potential Hazardous Events listing provided by the Ministry and ensures that the operating authority has contingency plans in place to react to each event. Some minor changes were made to the Likelihood, Severity, and Detectability ratings for events based on past occurrences and equipment upgrades. Staff recommendations for equipment upgrades to assist with lowering risk likelihood and detectability will be considered in the budget process.

Consultation Overview:

The Ministry of the Environment, Conservation and Parks receives the wastewater exceedance information and requires the Municipality to be accredited for the Drinking Water Quality Management System and adhere to the standards.

Origin:

The Drinking Water Quality Management System requires relevant aspects of the Quality Management System to be communicated to the Owner of the System.

Attachments: None

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