

Information Report

Title: Environmental Services
Compliance Report February 2024

Report Number: Environmental Services-2024-
07

Director: Infrastructure &
Development

Manager: Environmental Services

Meeting Date:
Wednesday, March 13, 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 January 23 to February 26, 2024.

Context and Background Information:

This report includes a summary of annual water reporting for 2023 and an exceedance reported for the Leachate Treatment System.

Annual Water Reports

The 2023 Annual Water Summary Reports for the Armow, Kincardine, Scott Point, Tiverton and Underwood Drinking Water Systems have been prepared and submitted to the ministry as required by the February 28th deadline. The reports give a summary of each system in the 2023 reporting year including major expenses, water quality and quantity monitoring, operational monitoring, adverse water quality incidents and non-compliance findings. Copies of the reports are attached and will be made available to the public on the municipal website.

The 2023 Huronville Water Wastewater Report is a summary of the services provided by the Municipality of Kincardine to the Huronville subdivision, Inverlyn Lake Estates and Penetangore Row south extension in the Township of Huron Kinloss. The Municipality has a formal agreement with the Township for services provided in these areas. A copy of the report has been sent to the Township of Huron Kinloss.

Leachate Treatment Exceedance

The Leachate Treatment facility at the Kincardine Waste Management Center in Armow had exceedances of Total Suspended Solids, Ammonia and CBOD in the bi-weekly effluent sample taken on February 6, 2024. On February 9 when the lab result with the exceedances was received, the treatment plant was placed into recirculation state and the effluent discharge pipe was plugged. The plant will be sampled on a weekly basis and will not be discharging effluent until all the parameters are below the acceptable limits. The receiving stormwater pond was also sampled to ensure that water directed to the environment was not contaminated.

After the snow melt in January the Leachate collection pond beside the landfill cell was full and about to breach the berm, so staff had increased the flow for treatment coming into the plant to avoid a spill. The large increase in flow in a short period of time was overwhelming for the plant and upset the treatment process. Also, one mixer had been tripping out with an electrical issue and may not have provided adequate mixing during this time. Staff are closely monitoring the plant to ensure the treatment process is adequate before resuming normal operations.

Consultation Overview:

The Ministry of the Environment, Conservation and Parks receives the Annual and Summary Water Reports required under the Ontario Regulations.

Origin:

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

Attachments:

2023 Armow DWS Annual Water Summary Report

2023 Kincardine DWS Annual Water Summary Report

2023 Scott Point DWS Annual Water Summary Report

2023 Tiverton DWS Annual Water Summary Report

2023 Underwood DWS Annual Water Summary Report

2023 Huronville WWW Annual Report

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