

Information Report

Title: Environmental Services
Compliance Report April 2025

Report Number: Environmental Services-2025-
15

Director: Infrastructure &
Development

Manager: Environmental Services

Meeting Date:
Wednesday, May 28, 2025

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 March 27 to April 30, 2025.

Context and Background Information:

This report includes a summary of the Drinking Water Quality Management Standard Internal Audit for March, an update on the DWQMS Management Review and Action Plan, Quarterly Drinking Water sample results, Wastewater Semiannual effluent sampling, the 2024 Annual Stormwater report, Leachate annual sampling and a Leachate exceedance and spill update.

Drinking Water Quality Management Standard (DWQMS)

An Internal Audit was completed by staff between March 11 and 18, 2025 on all drinking water systems owned and operated by the Municipality of Kincardine. The audit covered 16 of the 21 elements in the Drinking Water Quality Management Standard. There were no Corrective Actions or Opportunities for Improvement identified during the audit.

The Management Review and Action plan is a listing of items to follow up on from the 2024 Management Review DWQMS meeting. These items include follow up from internal and external audits, and items that will help continually improve the DWQMS for the department. An updated action plan is attached.

Drinking Water Quality and Sampling

Ph and alkalinity sampling was completed for all municipal drinking water systems including the Huronville distribution system on March 24, 2025. All sample results were within the acceptable limits.

Quarterly samples were completed for all municipal drinking water systems on April 14, 2025. All sample results were within the acceptable limits.

Wastewater Quality and Sampling

The Kincardine Wastewater semi-annual effluent sampling was conducted on April 14, 2025. The results are comparable to previous sampling results with no issues.

Annual Stormwater Report 2024

The 2024 Annual Stormwater Report has been prepared and submitted to the Ministry as required by the April 30 deadline. The report gives a summary of monitoring data, environmental trends, operating issues, corrective actions, maintenance, inspections, complaints, major expenses, alterations, and spills or abnormal discharge events for the stormwater ponds and the stormwater collection system in 2024. A copy of the report is attached and will be made available to the public on the municipal website.

Leachate Annual Sampling

The Leachate Annual Sampling was conducted on April 14, 2025. The results are comparable to previous years' samples with no issues.

Leachate Exceedance and spill update

The Leachate Exceedance for Total Suspended Solids (TSS) that was reported to the Ministry following the February 20 sample results has been resolved. After ceasing discharging, cleaning out the plant and reseeded, the sample results from March 25 and received on April 2, indicated the plant was back into compliance. With ministry approval, the plant was placed back into normal operations on April 2. The influent flow at the plant has been gradually increased to near maximum capacity to accommodate the spring melt and extra groundwater mixed with leachate following the spill at the landfill cell reported to the Spills Action Center on March 5. With the plant capacity being only 55m³/day and the extra contaminated groundwater required to be treated, it will take some time to relieve the area around the landfill cell of the contaminated liquid. The groundwater pond will be sampled again before discharging the water to the environment.

Consultation Overview:

The Ministry of the Environment, Conservation and Parks (MECP) receives the annual reports as well as the exceedance reports

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: DWQMS Management Review and Action Plan 2025
2024 Annual Report Kincardine Stormwater Collection System

Prepared by: Lisa Crimmings, Environmental Compliance Officer

Submitted by: Mark O'Leary, Manager of Environmental Services