



# THE CORPORATION OF THE MUNICIPALITY OF KINCARDINE

## FYI REPORT

**Subject:** Environmental Services Compliance Report June 2023

**FYI Report Number:** Environmental Services-2023-28

**Meeting Date:** Monday, July 10, 2023

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### **Purpose of Report:**

To inform Council of any compliance related issues and general information from the Environmental Services Department for the month of June 2023.

### **Report:**

#### Bypasses, Spills and Overflows

A planned bypass of the Influent chamber at the Bruce Energy Center Lagoons took place on June 28. The bypass was required for grit and debris removal from the chamber and was approved by the ministry in advance. The wastewater bypassing the chamber was removed using pumps and the hydro vac truck and was placed directly into the lagoon cells. During the planned bypass the seal on the vac truck malfunctioned and approximately 20L of raw sewage spilled onto the ground. Afterwards while attempting to dump the remainder of sewage from the vac truck into the lagoon cell another 50L was spilled onto the ground for a total of 70L. The spill was cleaned up with water from the vac truck washing the sewage into the lagoon cell. All the work was contained within the sewage treatment plant grounds and no watercourses were affected. After the spill occurred the planned bypass was aborted and will be rescheduled for another day with a different plan and equipment. A total of 183.57m<sup>3</sup> of sewage was bypassed during the planned work. The spill was reported to the Spills Action Center and the Ministry of Health and the local MECP office.

#### Ministry Inspections

The Underwood DWS MECP Final Inspection Report for the April 13 inspection was received on June 8, 2023. There were no non-compliances noted or orders issued during the inspection. A copy of the report is provided in the attachments.

A ministry inspection took place on June 29, 2023, for the Armow Drinking Water System. Documentation was provided to the ministry for review. The final report has not yet been received.

## Scott's Point DWS

The SCADA system at the Scott's Point Drinking Water Treatment building was installed in June by Datasoft Software Solutions. The installation of the SCADA system now allows Environmental Services operators to monitor the site and make process changes remotely from the Kincardine Water Treatment Plant.

## Leachate Treatment

The Leachate from the landfill cell dried up in early June due to dry weather conditions and the treatment plant had to be adjusted to adapt to very little flow. The ministry had been contacted in anticipation of this regarding running a pilot project to recirculate decant back to the headworks of the plant instead of trucking back to the cell which would help during times of low flow. The pilot project is expected to run until mid-September and effluent sampling has been increased to weekly from bi-weekly during this period for monitoring purposes.

## Drinking Water Quality Management System

An internal process audit took place on June 21-22, 2023, for Essential Supplies and Services. The entire process was reviewed by staff to ensure a process is in place that ensures a safe and consistent supply of high-quality drinking water. There were no corrective actions or non-conformances noted during the audit. Two opportunities for improvement were noted:

OFI #1 Communications of municipal policies and regulatory requirements with outside contractors could be communicated via email on an annual basis.

OFI #2 Create an annual sign off sheet that all operators receiving chemical deliveries have read the SDS sheets.

The OFI's will be reviewed internally to determine if they will be implemented in the process going forward.

The annual calibrations by a third party were completed in June for all online chlorine analyzers, Turbidity analyzers, handheld verification units and flow meters. There were no issues with online analyzers or handheld verification units. The reports for the flow meters have not yet been received but any issues noted will be addressed by staff.

A Leak detection survey was conducted by Nichol Water Services for the Kincardine and Tiverton Drinking Water systems. Only one leak was reported on a hydrant for the Kincardine system. Parts have been ordered and the hydrant will be repaired by staff.

**Attachments:** 2023-24 Underwood DWS Final Inspection Report

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