



## The Corporation of the Township of Huron-Kinloss

---

### Staff Report

**Report Title: Water-Wastewater Report May 2025**

**Date: May. 5, 2025**

**Report Number: PW-2025-27**

**Department: Public Works**

**File Number: C11 PW25**

**Prepared By: Cory Dulong, Manager of Environmental Services.**

**Attachments: OCWA April Monthly Report**

---

#### **Recommendation:**

THAT the Township of Huron-Kinloss Committee of the Whole hereby receives for information Report PW-2025-27 prepared by Cory Dulong, Manager of Environmental Services.

#### **Background:**

##### Monthly Summary

Our Operating Authority, Ontario Clean Water Agency (OCWA), has prepared a summary of the water and wastewater operations over the past month. See attachment, *OCWA April Report Huron-Kinloss*.

##### Ripley Lift Station High Flows

On April 3, 2025, OCWA became aware of high flows in the Ripley wastewater collection system during a rainfall event. In order to prevent a potential by-pass situation, a sewage hauler was brought in to remove to excess sewage to allow the site to keep up with the higher flows.

##### Confined Space Equipment

Township staff have been in discussions with OCWA regarding confined space entry procedures and it was determined that it would be most cost effective for the Township to purchase confined space entry equipment when OCWA is required to enter confined spaces to perform maintenance tasks.

##### Spring Hydrant Flushing

Our Operation Plan includes the flushing of fire hydrants in the spring and fall to improve the quality of the water in the water distribution system. Spring flushing has been scheduled for the Lakeshore from April 7<sup>th</sup> until May 23<sup>rd</sup>.

##### Ripley Lagoon Discharge

The Ripley Lagoon is typically discharged into the Pine River in the fall and spring each year. The fall discharge in 2024 was not required due to the lower than normal

lagoon levels, so the fall discharge has been combined with the 2025 spring discharge. We are expecting the spring discharge will be finished on April 30, 2025.

### **Discussion/Analysis/Overview:**

#### Ripley Lift Station High Flows

In order to keep up with the incoming sewage, the septic hauler continuously pumped out a manhole outside the Ripley Lift Station and dumped it directly into the lagoons from 2 am until 7 am. OCWA continued to monitor the situation for the next 24 hours to make sure the risk of a spill had passed.

#### Confined Space Equipment

Huron Kinloss has multiple confined space sites within the Township, for example: reservoirs, Lift stations, air relief chambers, and deep sewage manholes. Confined space equipment are devices that need continuous maintenance and care and when it is needed, it needs to be readily available and in good working condition. In the past, the Operating Authority would borrow the equipment when available or contract out work requiring confined space to a contractor at the Township's cost. OCWA trains their staff for confined space work but requires its clients to own the equipment for site specific work.

#### Spring Hydrant Flushing

The Operation Authority has been asked to keep the township staff updated as they transition across the Lakeshore flushing all the hydrants from Point Clark to Huronville so Township staff can field calls from any possible resident concerns. After Lakeshore flushing is complete, Ripley and Lucknow will be flushed from May 20<sup>th</sup> until May 30<sup>th</sup>.

There have been reported water quality concerns and pressure issues reported due to hydrant flushing in the Point Clark area. The Operating Authority started flushing at the end of the system in Amberley and was working its way towards Point Clark which created a lot of turbidity throughout the Point Clark zone. The Township asked OWCA to flush from the source (Point Clark Pump House) out to lower the amount of discoloured water moving around in the system. OCWA has adjusted their flushing plan accordingly, which appears to have resolved this issue.

#### Ripley Lagoon Discharge

Spring discharge of the Ripley lagoons started late this year due to the prolonged ice cover on the lagoons. The Lagoons levels have dropped approximately 28 inches leaving plenty of room until the fall discharge beginning in mid November.

### **Financial Impacts:**

Water and wastewater operations are included in the Operating Budget.

### **Performance Measurement:**

The new contract with OCWA requires that a series of reports are submitted to Township staff to track the performance and condition of our water and wastewater

assets. This is in ongoing development and may take some time to wholesomely develop.

**Strategic Area:**

- |   |  |
|---|--|
| <input type="checkbox"/> Embrace a thriving rural lifestyle | <input checked="" type="checkbox"/> Enhance Municipal Service Delivery |
| <input type="checkbox"/> Prepare for Inclusive Growth       | <input checked="" type="checkbox"/> Ensure Financial Stability         |

**Strategic Goal: Protect, promote and restore our natural environment**

**Respectfully Submitted By:**

Cory Dulong Manager of Environmental Services.

**Report Approved By:**

Jodi MacArthur, Chief Administrative Officer