



## Staff Report

**Report Title: Water Wastewater January 2023**

**Prepared By: John Yungblut, C.E.T., Director of Public Works**

**Department: Public Works**

**Date: Jan. 16, 2023**

**Report Number: PW-2023-01-7**

**File Number: E08 WAT 22  
E08 LUC 19**

### **Attachments: Monthly Water/Wastewater Summary**

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#### **Recommendation:**

THAT the Township of Huron-Kinloss Committee of the Whole hereby receives for information, Report Number PW-2022-01-7, prepared by John Yungblut, Director of Public Works.

#### **Background:**

##### Monthly Summary

Our Operating Authority, Veolia Water Canada, has prepared a summary of the water and wastewater operations over the past month.

##### Fall Hydrant Flushing

All municipal fire hydrants are flushed semi-annually to maintain water quality by removing sediment. This is typically completed in the spring and fall. In December, Township staff were informed by Veolia that they would be unable to complete the fall flushing program along the Lakeshore with the staff they currently have in place.

##### Valve Turning

The most recent contract renewal with Veolia, required that all water valves within our drinking water systems must be operated at least once a year. Valve turning is not a Ministry requirement, however, it is good practice to ensure the functionality of these fittings. To date, 50% of the valves in Ripley and 100% of the valves in Lucknow have not been operated this year.

## Lucknow Standpipe Replacement

On Aug. 15, 2022, the tender of the construction of an elevated water storage tank in Lucknow was awarded to Landmark Structures Co. Construction began on Nov. 30, 2022 and is expected to finish in December 2023.

### **Discussion:**

#### Monthly Summary

The summary prepared by Veolia Water Canada is attached to this report.

#### Fall Hydrant Flushing

Veolia has been able to re-deploy staff from other areas to complete the fall hydrant flushing, however, most of the blow-offs have not been flushed. Blow-off are typically installed on watermains that are smaller than 150mm (6") diameter, so fire hydrants can't be installed.

#### Valve Turning

Due to the milder than expected temperatures, Veolia has indicated they should be able to finish the valve turning program before the spring.

## Lucknow Standpipe Replacement

The contractor is taking advantage of the mild temperatures since the Christmas break and are progressing well with the concrete pedestal construction. No unexpected challenges have been encountered to date.

### **Financial Impacts:**

The Lucknow Standpipe Replacement is included in the Capital Budget.

Hydrant flushing and valve turning are included in our contract with Veolia which is funded through the Operating Budget.

### **Strategic Alignment / Link:**

We are an environmentally conscious community that are good stewards of our natural environment by being aware and taking responsibility.

We are a prosperous community that continues to grow in a sustainable manner by investing in infrastructure.

Action Item P5.4 – Lucknow Water Tower

### **Respectfully Submitted By:**

John Yungblut, Director of Public Works

### **Approved By:**

Mary Rose Walden, Chief Administrative Officer