



Staff Report

Report Title: Water Wastewater July 2023

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

Department: Public Works

Date: Jul. 3, 2023

Report Number: PW-2023-07-42

File Number: C11 PW23

Attachments: Monthly Water/Wastewater Summary, Lucknow Water Tower Photo

Recommendation:

THAT the Township of Huron-Kinloss Committee of the Whole hereby receives for information, Report Number PW-2023-07-42 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.

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 by December 2023.

The construction of the steel tank is nearing completion. The water tank has been painted and it was lifted on June 29th. The Contractor is currently working on the electrical and mechanical systems. A photo taken prior to the tank being lifted is attached to this report.

Lakeshore Standpipe Restoration

This project began May 1st and was completed on May 18th. We began filling the standpipe on May 18th, however, a leak was detected at the base of the tank when the water level reached 25%. The filling process was halted at this point and the

contractor returned on June 1st to investigate. The cause of the leak was determined to be a cracked bolt.

Well Inspections

The video inspections of Point Clark Well 2 and Ripley Wells 2, 3 and 4 are scheduled to be completed this year. The inspection of Point Clark Well 2 was completed on April 27th, Ripley Well 3 was completed on April 28th and Ripley Well 4 was completed on May 4th.

Discussion:

Monthly Summary

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

Lucknow Standpipe Replacement

This project is progressing well, and we have not encountered any delays or significant extra costs so far. The contractor is still on track to commission the new structure in October and demolish the existing standpipe and radio shed in November.

Township staff have made arrangements to capture drone video footage of the tank lifting process.

Lakeshore Standpipe Restoration

The leak in the standpipe unfortunately coincided with a period of hot and dry weather, which increased the water demand significantly. This resulted in Township staff issuing a ban on lawn watering and car washing on June 1st. The ban was lifted on June 9th once the standpipe was brought back online.

Well Inspections

Based on the findings of the video inspections and over a years worth of clear sample results for Ripley Well 3 and Well 4, Township staff are comfortable with abandoning Ripley Well 1 and operating the Ripley system on the three drinking water wells. The well abandonment will likely take place later this fall.

Financial Impacts:

The Lucknow Standpipe Replacement, the Lakeshore Standpipe Restoration and well inspections are included in the 2023 Capital 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