



Staff Report

Report Title: Water Wastewater March 2023

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

Department: Public Works

Date: Mar. 6, 2023

Report Number: PW-2023-03-18

File Number: C11 PW23

Attachments: Monthly Water/Wastewater Summary

Recommendation:

THAT the Township of Huron-Kinloss Committee of the Whole hereby receives for information, Report Number PW-2023-03-18, 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 in December 2023.

Huronville SCADA Upgrades

The contract for the upgrades of supervisory control and data acquisition (SCADA) software, the replacement of the programmable logic controller (PLC) and the master control centre (MCC) at the Huronville S Pumphouse was awarded to Eramosa Engineering on April 18, 2022. The work was originally scheduled to begin in February 2023. Huronville has been offline since December due to some issues with the well pump and chlorine pump. We were waiting to begin this project in order to resolve these issues.

Annual Reports

In accordance with O. Reg. 170/03 and our wastewater Environmental Compliance Approval (ECA), annual reports are produced by our Operating Authority, Veolia Canada and made available to the public.

Discussion:

Monthly Summary

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

Lucknow Standpipe Replacement

The concrete pedestal that will support the elevated tank, the installation of storm sewers and watermain are now complete and the watermain testing and commissioning is expected to be completed by March 10th. The crane support structure is currently being disassembled and the floor of the main floor chamber room is to be poured by March 24th.

Once consistent mild temperatures have arrived, the contractor will begin constructing the steel tank, followed by sand blasting and painting.

The contractor intends to commission the new tower in later October or early November, which will be followed by the demolition of the existing standpipe.

Huronville SCADA Upgrades

The PLC installation was completed on Feb. 8th and the Huronville site is back online, however, it has been determined that the reservoir level transducer is malfunctioning and is in need of a replacement. The remaining contingency allowance for this project is going to be used to replace the transducer so accurate reservoir levels will be reported on the SCADA system. The additional cost is expected to be \$2,650 plus HST.

Annual Reports

The 2022 annual reports for the Township's drinking water and wastewater systems are now available on the municipal [website](#).

Financial Impacts:

The Lucknow Standpipe Replacement and SCADA upgrades are included in the 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