



Staff Report

Report Title: Water/Wastewater August 2021

Prepared By: John Yungblut, Director of Public Works

Department: Public Works

Date: Aug. 4, 2021

Report Number: PW-2021-08-61

**File Number: E03 WAT 21
E08 RIP 21
E08 HYD 21**

Attachments: Water/Wastewater Summary

Recommendation:

THAT the Township of Huron-Kinloss Committee of the Whole hereby receives for information Report No. PW-2021-08-61, prepared by John Yungblut, Director of Public Works.

Background:

Water/Wastewater Summary

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

Ripley Well 3 and Well 4

Two new wells at the Ripley Elevated Tank Site were drilled in 2011. The wells casing and pumps were removed and disinfected in September 2019 after raw water samples resulted in elevated total coliform levels. The raw sample results after the disinfection were deemed to be acceptable and the wells were brought online in July 2020.

Fire Hydrant Painting

The sand blasting and painting of all municipal fire hydrants was awarded to Neptune Security Services on June 21, 2021.

Discussion:Water/Wastewater Summary

Attached is the summary as prepared by Veolia Water Canada.

Ripley Well 3 and Well 4

The raw water samples continued to result in total coliform levels of between 0 and 2 cfu/100mL until the report dated June 29, 2021, which indicated that total coliform levels were 23 and 24 cfu/100mL for Well 3 and Well 4 respectively. Also concerning was the E.Coli level of 3 cfu/100mL for both wells, which had not been detected in the raw water samples previously. Even though the raw water in this condition is still easily treatable (and the treated water samples were clear of any contaminants), it would eventually have to be addressed if these results persisted. Fortunately, the raw water results on July 13, 2021 had no detectable levels of total coliform or E.Coli.

Township staff will continue to monitor the raw water results to determine if more disinfection of Ripley Well 3 and 4 is required in the future.

Fire Hydrant Painting

The Contractor has indicated that they plan to begin this project in the Lakeshore in mid-August, then moving to Ripley and finishing in Lucknow.

Financial Impacts:

Water and wastewater operations are ongoing expenses covered by the 2021 Operating Budget.

The 2021 Operating Budget allocated \$37,000 for the fire hydrant painting project.

Strategic Alignment / Link:

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

Respectfully Submitted By:

John Yungblut, C.E.T., Director of Public Works

Approved By:

Mary Rose Walden, Chief Administrative Officer