



The Corporation of the Township of Huron-Kinloss

Staff Report

Report Title: Water and Wastewater April 2022

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

Department: Public Works

Date: Apr. 4, 2022

Report Number: PW-2022-04-29

File Number:

E08 WAT 22

E08 WEL 20

E08 LUC 21

Attachments: Monthly Water & Wastewater Summary

Recommendation:

That the Township of Huron-Kinloss Committee of the Whole hereby receives for information report number PW-2022-04-29, prepared by John Yungblut, Director of Public Works.

Background:

Monthly Summary

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

Blairs Grove Well 2 Abandonment

Since August 2020, Township staff along with our Operating Authority, Veolia Canada and contractor, W.D. Hopper & Sons have been working towards the abandonment of an artesian well in the Lurgan Beach area, known as BG-W2.

Lucknow Well 4 & 5 Upgrades

Township staff have been working through inspections and upgrades to the two drinking water sources in Lucknow over the past two years. The pump upgrades will allow for the system to efficiently operate if the Lucknow Standpipe has to be taken out of service before the new elevated tank has been commissioned. This work is also expected to provide sufficient data to apply for an increase in the Permit to Take

Water (PTTW) for the Lucknow system, which is the most cost-effective solution for increasing the drinking water capacity.

Discussion:

Monthly Summary

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

Lucknow Well 4 & 5 Upgrades

The upgrades to Lucknow Wells 4 and 5 are now complete for this year.

Our hydrogeologist has analyzed the data from the 24 hour pumping test and has determined that Lucknow Well 5 is fully capable of supplying 2,500L/min instead of the 2,275L/min that our PTTW specifies. The next step will be applying to the Ministry of Conservation and Parks (MECP) to amend our PTTW.

Blairs Grove Well 2 Abandonment

Although this project encountered some challenges with the condition of the well casing, the work has been completed and BG-W2 has now been abandoned.

Financial Impacts:

The 2021 Capital Budget allocated \$200,000 for the abandonment of BG-W2 and the contractor indicated the work came in well under budget.

The 2022 Capital Budget has allocated \$35,000 for upgrades to Lucknow Well 5.

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.

Respectfully Submitted By:

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

Approved By:

Mary Rose Walden, Chief Administrative Officer