



## Staff Report

**Report Title: Floating Surface Aerators August 2021**

**Prepared By: John Yungblut**

**Department: Public Works**

**Date: Aug. 4, 2021**

**Report Number: PW-2021-08-60**

**File Number: E03LUC 21**

### **Attachments:**

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### **Recommendation:**

That the Township of Huron-Kinloss Committee of the Whole hereby approves Report Number PW2021-08-60 prepared by John Yungblut, Director of Public Works AND approves the quotation from H2Flow Equipment Inc. in the amount of \$29,500.00 plus HST for the purchase of two (2) floating surface aerators, AND FURTHER authorizes the appropriate by-law come forward.

### **Background:**

The Lucknow Sewage Treatment Facility utilizes four floating surface aerators that introduce oxygen into the system in order to treat incoming wastewater. Two aerators were replaced in 2020 after mechanical failures were discovered.

### **Discussion:**

In July 2021, Township staff were informed that the motor on a third aerator had failed. The replacement of the entire unit was quoted to be \$15,250 plus HST if one unit is purchased and \$14,750 plus HST if multiple units are purchased. Township staff recommend purchasing two units and keep one as a spare because the fourth unit will likely require replacement within the next three years.

### **Financial Impacts:**

Floating surface aerators were not included in the 2021 Capital Budget because they were expected to be replaced in 2022. The replacement of the last two aerators will be funded for Lucknow Sanitary reserves.

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

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

**Respectfully Submitted By:**

John Yungblut, Director of Public Works

**Approved By:**

Mary Rose Walden, Chief Administrative Officer