



## Staff Report

**Report Title: Bruce Beach Municipal Drain Phase 1 Report**

**Prepared By: Grant Collins, Drainage Superintendent**

**Department: Drain**

**Date: Jul. 19, 2021**

**Report Number: DRAIN-2021-07-13**

**File Number: E09-BBD21**

**Attachments: Bruce Beach Municipal Drain Report, Ministry of Agriculture Food and Rural Affairs – June 29, 2021 – RE: Emergency Order Refusal**

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### **Recommendation:**

That the Township of Huron-Kinloss Council hereby approves Report Number DRAIN 2021-07-13 prepared by Grant Collins, Drainage Superintendent AND accepts the Bruce Beach Municipal Drain Phase 1 report prepared by Headway Engineering AND FURTHER authorizes provisional approval on tonight's agenda AND FURTHER approves the Court of Revision to take place on Monday August 9, 2021 at 7:30 p.m.

### **Background:**

Due to changing climatic conditions producing more severe weather events which were affecting Public Road safety, the Public Works Director signed a drainage petition in November of 2018 asking the Township of Huron-Kinloss Council to appoint an Engineer under the Drainage Act to propose a solution for the drainage issues along the Bruce Beach Road.

After several landowner meetings, both in person and virtual due to COVID-19, to gain input on what might be required to resolve the issues, Mr. Stephen Brickman, P.Eng. with this report is providing his recommended solution for this portion of the water system.

On June 7, 2021 a report was brought forward receiving approval for the revised report and the application for an Emergency Order

### **Discussion:**

Unfortunately, the request for the Emergency Order was not successful; therefore, Phase I of the report is being presented by Steve Brickman in order to move the project forward.

This report recommends a storm water retention facility on the East side of Lake Range Drive above the hill to regulate storm water flows and a piped system down the hillside to significantly reduce future erosion of the hillside. This will vastly improve public safety on Bruce Beach Road.

The Phase 2 report will finalize a legal outlet to the lake for this water course and will be presented at a later date.

**Financial Impacts:**

Financial impacts are provided in the Engineer's report. The Municipality has 2 roads within the watershed that are assessed costs.

**Strategic Alignment / Link:**

We are an environmentally conscious community that are good stewards of our natural environment.

**Respectfully Submitted By:**

Grant Collins, Drainage Superintendent

**Approved By:**

Mary Rose Walden, Chief Administrative Officer