



The Corporation of the Township of Huron-Kinloss

Staff Report

Report Title: Point Clark Drainage Master Plan

Date: Dec. 2, 2024

Report Number: PW-2024-12-50

Department: Public Works

File Number: C11 PW 24

Prepared By: John Yungblut, Director of Public Works

Attachments: BM Ross Letter

Recommendation:

THAT the Township of Huron-Kinloss Committee of the Whole hereby receives for information Report PW-2024-12-50 prepared by John Yungblut, Director of Public Works;

AND FURTHER supports implementing the following solutions to address the existing drainage issues in the northern Point Clark area as described in this report:

1. North Problem Area – Alternative 1 and Alternative 2; and
2. South Problem Area – Alternative 1

AND FURTHER directs staff to bring forward a final report for the Point Clark Stormwater Servicing Master Plan for Council approval.

Background:

A Class Environmental Assessment (EA) for the creation of a stormwater servicing master plan for the northern Point Clark area was initiated in 2022 with the assistance of our consulting engineer, B.M. Ross and Associates. The purpose of the plan is to allow the Township to construct a drainage system on Township roads between Clark Creek and the Pine River that either don't have a drainage system or the existing system lacks the necessary capacity to accommodate storm events.

After reviewing various drainage concerns provided by Township staff and the public, two problem areas were identified: the North Problem Area and the South Problem Area. A description of these areas and potential solutions is provided in the attached letter from BM Ross.

Council must support a solution described in the letter that will be included in the final report, which will be made available for public comment.

Discussion/Analysis/Overview:

The alternatives outlined in the attached letter are less specific than the various alternatives that were included in the presentation to Council by B.M. Ross on Oct. 21, 2024. The reason for this is to provide more flexibility in the final design of the project.

For example, North Problem Area Alternative 1 will include upgrading the capacity of the St. Arnaud storm sewer, but the Township has the flexibility of making the decision of installing a pipe in the existing ditch on the Alfred St. road allowance or increasing the size of the existing ditch during the final design process.

Similarly, we have the option of implementing North Problem Area Alternative 2, which is the berm on agricultural property either, before or after Alternative 1.

With respect to North Problem Area Alternative 2, there are two points that should be noted:

- Constructing the berm without upgrades on St. Arnaud St. (Alternative 1), will not prevent flooding issues during storm events. The berm would only mitigate the severity of the flooding under larger storm events.
- The only way for the Township to construct a berm on private property with the consent of the landowner is to complete a Schedule B EA or use the Drainage Act

For the South Problem Area, the Township has the option of installing a storm sewer on Lakeside Trail or Victoria Road to the Pine River under Alternative 1. This would also be determined during the final design process.

There will be no timelines associated with any of these projects the final report, nor is there any obligation to construct any of these solutions. Each construction project will need to be approved by Council and included in a capital budget.

Financial Impacts:

The master plan EA process is included in the 2024 Capital Budget. There are no other financial commitments associated with this report.

Performance Measurement:

Township staff are still reviewing whether there are any key performance indicators that will provide meaningful results.

Strategic Area:

- | | |
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| <input checked="" type="checkbox"/> Embrace a thriving rural lifestyle | <input checked="" type="checkbox"/> Enhance Municipal Service Delivery |
| <input type="checkbox"/> Prepare for Inclusive Growth | <input type="checkbox"/> Ensure Financial Stability |

Strategic Goal: Manage assets and infrastructure

Respectfully Submitted By:

John Yungblut, Director of Public Works

Report Approved By:

Jodi MacArthur, Chief Administrative Officer