



## Staff Report

**Report Title: Municipal Drain Status update June 2023**

**Prepared By: Ken McCallum, Drainage Superintendent**

**Department: Drains**

**Date: Jun. 5, 2023**

**Report Number: DRAIN-2023-06-11**

**File Number: C11 DRAIN 23**

### **Attachments:**

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### **Recommendation:**

That the Township of Huron-Kinloss Committee of the Whole hereby receives for information Report No. DRAIN-2023-06-11 prepared by Ken McCallum, Drainage Superintendent.

### **Background:**

Several Municipal Drainage projects are in various stages of completion. This report is to provide the Committee with an update on each drain in progress.

### **Discussion:**

#### **Hamilton Municipal Drain:**

Beavers are located within the drain and are being trapped. K. Smart & Associates Limited are appointed under Section 78 of the Drainage Act to make improvements to the Hamilton Municipal Drain. The Engineer has been working closely with the landowners with a design to enclose a portion of the open drain. The ditch enclosure has been designed however, there are some environmental issues that will need to be addressed if the enclosure goes ahead. The Engineer is currently working on setting up a meeting with Ministry of Natural Resources and the Conservation Authority to determine how the environmental issues can be addressed. Once these environmental issues are addressed the engineer may move towards producing a final report to Council.

### **Gaunt-Laidlaw Municipal Drain**

An onsite meeting was held on July 12, 2022, with K. Smart & Associates and the landowners of the watershed to determine the scope of work required. An information meeting was held on April 12, 2023, where the Engineer presented his findings, proposed design, and provided landowners with estimated assessment costs. The Engineer will be finalizing his report which Council may expect to see in summer 2023.

### **Kempton Municipal Drain Improvement**

RJ Burnside & Associates Ltd. were appointed to investigate improvements to the Kempton Municipal Drain. After initial proceedings it was determined to evaluate the effectiveness of the tile drain. With the recent improvements to the McNain Municipal Drain, follow up discussions with the landowners to determine if an improvement to this Municipal Drain is still required. Municipal staff are working to set up a meeting with the landowners.

### **Vandipenbeek Municipal Drain**

July 12, 2022, Headway Engineering Limited held an onsite meeting at the Ripley Community Center to discuss the current issues that the landowners are having with the drain. An information meeting was recently held on April 27, 2023, where the Engineer presented his findings, proposed design, and provided landowners with estimated assessment costs. The Engineer will be finalizing his report which Council may expect to see in summer 2023.

### **Black Creek Municipal Drain**

Beavers are in the Drain and are being trapped. The file has been transferred to RJ Burnside & Associates.

A public meeting was held on Tuesday April 11, 2023, at 10:00 to discuss what information has been collected along with some preliminary design ideas with landowners to find out the scope of work needed to address the ongoing issues landowners are experiencing. The meeting was not well attended.

### **Park Street & Railway Street Municipal Drains**

RJ Burnside & Associates Ltd. have been appointed under section 78 of the Drainage Act, to improve the Park Street Municipal Drain. Council has accepted the Report provided by the Engineer and gave the By-Law first and Second reading. A Court of Revision date has been set for June 12, 2023, to hear landowner disputes on Assessments only.

### **Bruce Beach Municipal drain**

#### Phase I

The detention facility has been constructed with topsoil grading and hydroseeding completed. Repairs to the slope on Lake Range Drive are complete with only a few remedial items left to finish. Hydro seeding and rip rap have been completed to the slope.

### Deficiencies Left:

- Grading to Rip-rap lined swale and settlement areas where applicable
- Make sure Hydro seeding takes hold.
- Pipe Flushing, cleanout sediment in catch basins, and Vac truck outlet on both sides of Bruce Beach Road.
- Guiderail adjustment and end treatment
- Slope washout repairs and regrading
- Rock chute repair on the Slope

### Phase II

True Consulting the new Coastal Engineer has submitted its component to address Saugeen Valley Conservation Authority (SVCA)'s concerns to Headway. They are reviewing and addressing concerns. The dynamic beach study report will be presented to SVCA in the near future. Once all SVCA's concerns are met Headway Engineering may proceed and present the proposed design to landowners at the next information meeting.

### Bruce Beach Municipal Drain Branch 'A'

Branch 'A' is included with Phase II. Headway will present the design to landowners at the next information meeting.

### **Clark Creek Municipal Drain**

Township of Huron-Kinloss appointed K. Smart and Associates by resolution to prepare a report under Section 78 of the Act for an improvement to the Clark Creek Municipal Drain.

On May 8, 2023, council Awarded the tender and can expect construction to start after the July 15<sup>th</sup> timing window.

### **Maintenance Works**

#### **Ackert Municipal Drain**

Beaver trapping in progress. A drain maintenance request has been made to remove trees and blockages from the Ackert drain downstream of Karishea Ave. Landowners upstream of the work will be assessed costs for the Maintenance work.

#### **Gaunt Municipal Drain**

Beaver trapping in progress. Drain cleanout in Lots 29, 30, & 31 Concession 2, Kinloss- Maitland Valley Conservation Authority (MVCA) approvals have been received. The drain is classified as an 'F' class drain in which there are no requirements for Fisheries and Oceans Canada (DFO) approval. A contractor has been contacted to facilitate the work. DFO timing windows restrictive to

maintenance work is from March 15th to July 15th. The contractor may commence work after July 15th.

### **Stewart Municipal Drain**

A request has been made for a clean out downstream of Concession A, Pt. Lot 60, Parcel ID (9-121-01). A landowner has requested that a portion of Concession 12 roadside ditch be cleaned out to relieve his private lands from flooding. The drain is an Unrated municipal drain which will require DFO to complete a site-specific review of the drain. Awaiting Saugeen Valley Conservation Authority (SVCA) & DFO approvals to facilitate work.

### **Wilken Municipal Drain**

Large overgrown maple trees located within Pt. Lot 33, Concession 3, Huron, have the Wilken municipal drain plugged. The work was completed in March 2023, with minor remedial work required in dry spring conditions to clean up the site. Municipal staff are working to assess out costs after the remedial work is completed.

### **Walden Municipal Drain**

The outlet pipe for the Walden drain has deteriorated causing damage to the tile drain and erosion to adjacent landowner properties. The drain was fixed in March 2023 and Municipal staff are working to assess costs to the contributing landowners within the Walden Municipal drain watershed.

### **Pollock Municipal Drain**

Large overgrown maple trees located within Pt. Lot 10, Concession 9, Huron, have the Pollock municipal drain plugged. The work was completed in March 2023, with remedial work tentatively scheduled for the week of June 5, 2023. Municipal staff are working to assess out costs after the remedial work is completed.

### **John Fair Municipal Drain**

Landowners have requested the John Fair Municipal drain to be cleaned out from its outlet into the Royal Oak Drain upstream to Concession 12. Sediment has built up in the drain overtime and is holding back water at concession 12. Brushing and a full ditch cleanout for approximately 1,000m in length. The Drain is classified as an "F" class municipal drain which does not require approval from DFO. Approvals are required from SVCA to complete the work.

### **Lucknow Mill Pond/Dam**

A public meeting was held on May 29, 2023, to discuss the ongoing issues with the dam and explore options that could be considered to address the problems.

The owner of the property the dam is located on has been working closely with Maitland Valley Conservation Authority (MVCA) and Trout Unlimited Canada (TUL) in discussing options to restore the drain back to original flows before the dam was constructed.

The Township of Huron-Kinloss was well represented with 2 Councillors and 2 municipal staff present at the open house meeting.

**Financial Impacts:**

The cost of constructing, maintaining and/or repairing municipal drains is assessed to all the landowners within the drain watershed depicted in the last engineer's report as outlined in the *Drainage Act, 1990*. The Township is responsible for any Assessments to all Municipal lands and roads as determined by the engineer.

**Strategic Alignment / Link:**

We are a prosperous community that continues to grow in a sustainable manner while being environmentally conscious and good stewards of our natural environment.

**Respectfully Submitted By:**

Ken McCallum, Drainage Superintendent

**Report Approved By:**

Mary Rose Walden, Chief Administrative Officer