



Board of Directors Meeting

Addendum

Thursday, November 6, 2025 at 6:00 p.m.

Hamilton Conservation Authority is now conducting meetings in a hybrid format via an in-person and WebEx platform.

**All hybrid meetings can be viewed live on HCA's You Tube Channel:
<https://www.youtube.com/user/HamiltonConservation>**

10. Other Staff Reports/Memorandums

Reports to be Approved

- 10.3 Request to Award Tender – Slope Slump Repair at Mineral Springs
Detention Facility – Scott Peck

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Report to: Board of Directors

Approved for Circulation By: Lisa Burnside, CAO

Reviewed By: T. Scott Peck, MCIP, RPP, Deputy CAO/Director, Watershed Management Services

Prepared By: Jonathan Bastien, P. Eng, Manager, Water Resources Engineering

Meeting Date: November 6, 2025

Subject: Request to Award Tender – Slope Slump Repair at Mineral Springs Detention Facility

Recommendation:

THAT the HCA staff recommends to the Board of Directors:

THAT the Tender for the Slope Slump Repair of Mineral Springs Detention Facility submitted by C.R.L. Campbell Construction & Drainage Ltd. be accepted at a cost not to exceed \$ 164,377.33 inclusive of contingency and HST;

THAT Watershed Management Services reserves be utilized to pay for the slope slump repair of the Mineral Springs Detention Facility for a total of \$164,377.33; and further

THAT HCA staff be directed to continue to work with the City of Hamilton regarding reimbursement of the costs of this project per the Mineral Springs Detention Facility agreement between the HCA and the City of Hamilton (Town of Ancaster).

Executive Summary:

This report relates to required slope slump repair required for the Mineral Springs Detention Facility located on the Sulphur Creek crossing with Martin Road, Ancaster. The structure is located on lands owned by the City of Hamilton. The identified repair work is based on monitoring of the site over time

and completed design work by an external consultant for the repairs approved by the Board of Directors in March 2025.

A Request for Tenders was issued based on the completed design seeking a qualified contractor to carry out the slope slump repairs. One (1) proposal was received, by C.R.L. Campbell Construction & Drainage Ltd., at a cost of \$164,377.33 inclusive of contingency and HST. It is recommended that the tender be awarded to C.R.L. Campbell Construction & Drainage Ltd.

The Mineral Springs Detention Facility was constructed by HCA as a flood control project in 1992 under an agreement indicating that the City of Hamilton is responsible for ongoing maintenance and repairs. Discussion with City staff have confirmed the City will reimburse HCA for repair costs.

Due to worsening conditions on the embankment, repairs should proceed promptly to prevent further deterioration and potential slope instability. As this project was not included in HCA's 2025 budget, use of HCA reserves will be required initially, with reimbursement to follow.

Staff Comment / Discussion:

The Mineral Springs Detention Facility is located on the Sulphur Creek crossing with Martin Road immediately south of the 380 Martin Road driveway in Ancaster (Figure 1). The detention facility was constructed in early 1990's to provide flood control for the downstream community in Mineral Springs.

In 2021, HCA retained TULLOCH Engineering Inc. to assess a slope slump identified in the embankment, located in the upper portion of the downstream slope within the south end. The consultant concluded that the slope slump was minor in nature, was not a structural issue and was not considered a stability issue at that time. It was recommended to continue routine inspections.

Monthly inspections by HCA staff conducted in the summer and fall of 2024 determined that the extent of the slope slump was similar to that measured by TULLOCH in 2021, but deep horizontal and vertical cavities / voids were found, as well as unstable and loose riprap noticed throughout the slump area.

In March 2025, the Board approved retaining an external design consultant to develop designs to repair the slope slump. Water's Edge Environmental Solutions Team Ltd. was retained and completed this design work in June 2025. The provided design repairs included regrading the road / embankment crest to better distribute the flow of rainwater down a longer length of the embankment slope, rather than concentrating flows down the embankment slope section near the current slope slump, which has been previously identified as a likely cause of the slump.

HCA staff then issued a detailed Request for Tenders, seeking a qualified contractor to carry out the slope slump repairs, in accordance with the design prepared by Water's Edge Environmental Solutions Team Ltd.

One (1) proposal was submitted prior to the deadline of October 3, 2025 at 11am, by C.R.L. Campbell Construction & Drainage Ltd., at a cost of \$164,377.33 inclusive of contingency and HST. The allotted contingency funds for this construction project are \$14,546.66 exclusive of HST.

Given the need to prevent further slope failure, it is recommended that this project work be awarded to C.R.L. Campbell Construction & Drainage Ltd. for the following reasons:

- The submitted tender provides an understanding of the required work based on the tender documents and drawings.
- Repair work should proceed due to worsening slope conditions.

Strategic Plan Linkage:

The initiative refers directly to the HCA Strategic Plan 2025 – 2029:

- **Strategic Priority Area – Organizational Excellence**
 - Initiatives – Further the physical asset inventory and enhance how we manage HCA assets through their lifespan.

Agency Comments:

Ministry of Natural Resources, Niagara Escarpment Commission and the Department of Fisheries and Oceans staff have advised that permits would not be required for this repair work.

Legal / Financial Implications:

The City of Hamilton is responsible for maintenance and repair of the Mineral Springs Detention Facility under an existing agreement. Public Work Watershed Management staff have confirmed reimbursement to HCA for the repair work.

HCA staff recommend proceeding with the repairs at this time to prevent further embankment degradation. The work will be funded initially through HCA Watershed Management Services reserves, with reimbursement to follow.

Related Reports and Appendices:

None applicable.

Figure 1. Sulphur Creek Sub-watershed and Slump Location, Mineral Springs Detention Facility

