

"Inspiring a Healthy Environment"

December 18th 2024

Attention: Bernie Janssen (via e-mail bernie@harringtonmcavan.com)

Re: UTRCA Comments
Class "A" Pit License Application
License No. 626649
Applicant(s): 1000394952 Ontario Inc.
316829 31st Line, Township of Zorra

Further to our comments provided on November 8th 2024, the Upper Thames River Conservation Authority (UTRCA) has received the following documents to support the Class "A" Pit License Application:

- *Response Letter*, prepared by Harrington McAvan, dated December 4th, 2024; and,
- *Slope Stability Assessment*, prepared by eNGLOBE, dated December 4th, 2024.

The UTRCA has reviewed the documents and offer the following comments:

Natural Environment Report

1. Addressed. Thank you for the clarification.

General Comments

7. Addressed. Thank you.

Slope Stability Assessment

8. Cross Section C is mentioned throughout the report but is not apparent in any drawing or listed in Table 1 under Section 2.2.
9. The response letter dated December 2, 2024 mentions for comment 7 "...provided the excavation sides are sloped at 2H:1V or gentler"; however, the Geotechnical Engineering Report mentions 3H:1V or gentler and is consistent with the information provided in cross-section B-B' on Drawing 3. It is understood this should be 3H:1V, but wanted to point out the likely spelling mistake.

RECOMMENDATION

Details regarding cross-section C are missing from the Slope Stability Assessment; however, UTRCA November 8th 2024 comments requested a geotechnical opinion that addresses the potential erosion hazard concerns caused by the proposed excavation of the valley slope, and it is the UTRCA's opinion that Section 4.2 on Page 7 of the report addresses that comment with the following confirmation: *"Based on the results of the analyses; it is our opinion that the slopes will remain stable under long-term condition after excavation and a height reduction of 10 m, provided that the excavation sides are sloped at 3H:1V or gentler."*

Given this confirmation from eNGLOBE in the Slope Stability Assessment, and the responses provided in Harrington McAvan's response letter, the UTRCA is satisfied that the concerns surround the natural hazards present have been addressed. The UTRCA has ***no objections*** to the application. We recommend that the Slope Stability Assessment and Response Letter are revised to address comments 8 and 9.

UTRCA REVIEW FEES

Consistent with UTRCA Board of Directors approved policy, Authority Staff are authorized to collect fees for the review of applications as well as the peer review of supporting technical studies. Given the scoped review of the Slope Stability Assessment, only a processing fee will be charged. Our fee to review this application is as follows:

Processing Fee	\$265.00
	TOTAL \$265.00

Thank you for the opportunity to comment.

Yours truly,
UPPER THAMES RIVER CONSERVATION AUTHORITY



Eric Gaskin
Land Use Planner I

Enclosure: UTRCA Regulated Areas mapping (please print on legal size paper for accurate scales)

c.c.: Spencer McDonald, Oxford County
Michael Wilhelm
Samantha Brown, Harrington McAvan Ltd
Melanie Horton, Esher Planning
Deb Kirk, UTRCA