

455 Phillip Street, Unit 100A
Waterloo, Ontario N2L 3X2
Canada
www.ghd.com



Our ref: 044985

March 14, 2022

Michael Parker
Clean Harbors Canada Inc.
4090 Telfer Road
R.R. #1
Corunna, Ontario
N0N 1G0

Response to Thurber Letter of March 3, 2022 – Cell 20-1 Peer Review, Clean Harbors Lambton Facility

Dear Michael Parker.

Thurber Engineering Ltd. (Thurber) provided concurrence with the geotechnical work conducted by GHD regarding Cell 20-1 slope issues in their March 3, 2022 letter. The letter recommended several minor adjustments to the monitoring program that was proposed in the March 2, 2022 GHD letter. These adjustments were discussed with Thurber by GHD.

GHD is in agreement with the recommendations by Thurber and that the following items are adjusted to the proposed monitoring program provided in the March 2, 2022 GHD letter.

- a. That prior to the installation of the buttress for the north and south slopes in the spring of 2022, that on a weekly basis the existing and additional survey pins be measured and a visual inspection of the side slopes be conducted to determine if evidence of movement or instability of the slopes is present. The weekly monitoring would be conducted by Clean Harbors staff.
- b. That once the proposed buttress work is completed, that the monitoring would be conducted monthly.
- c. That once the slopes have a factor of safety greater than 1.5, the monitoring program will be reassessed.

As with any monitoring program, minor adjustments will be made based on the results of the monitoring.

GHD appreciates the review and the suggestions by Thurber with regard to the program.

Regards

A handwritten signature in blue ink that reads "James R. Yardley".

James R. Yardley, P.Eng.
Senior Engineer

519-340-4265
jim.yardley@ghd.com

A handwritten signature in blue ink that reads "Bruce Polan".

Bruce Polan, M.A.Sc., P.Eng.
Senior Geotechnical Engineer

519-340-4139
bruce.polan@ghd.com

Copy to: Mackenzie Costello, Clean Harbors Canada Inc.