



THURBER ENGINEERING LTD.

March 3, 2022

File: 33256

Clean Harbors Canada Inc.
4090 Tefler Road, R.R. #1
Corunna, Ontario N0N 1G0

Attention: Mr. Michael Parker
Vice President, Canadian Environmental Compliance

**GEOTECHNICAL PEER REVIEW
GHD RESPONSE LETTER OF MARCH 2, 2022
CELL 20-1 SLOPE STABILITY ISSUES
CLEAN HARBORS LAMBTON LANDFILL FACILITY
CORUNNA, ONTARIO**

Dear Mr. Parker:

Further to our letter of February 2, 2022, Thurber Engineering Ltd. (Thurber) has reviewed the GHD response letter of March 2, 2022, and generally agrees that all Thurber comments have been addressed. With respect to the frequency of monitoring presented in Section 3.0 of GHD's letter, we recommend the following:

- On a weekly basis, Clean Harbors should monitor the survey pins and complete an inspection of all slopes for evidence of movement or instability, until the mitigation measures are implemented and all slopes meet the target design Factor of Safety of 1.3,
- Thereafter, the frequency of survey pin monitoring and slope inspections can be reduced to monthly, and
- Once the filling of the cell has reached a point where all slopes have a factor of safety of greater than 1.5, the need for further survey pin monitoring and slope inspections can be reassessed.

The need for additional monitoring or slope mitigations should be assessed by GHD based on the on-going monitoring results.

Please feel free to contact us with any questions or comments.

Yours truly,
Thurber Engineering Ltd.

Renato Pasqualoni, P.Eng.
Principal

