



TAYLOR GEOTECHNICAL

SEPTEMBER 6, 2022

TO:

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TAYLOR GEOTECHNICAL PROJECT #: 2022-019

RE: ADDENDUM LETTER FOR REVISED GEOTECHNICAL REPORT

Dear Recipient,

This addendum letter is to be read in conjunction with Taylor Geotechnical Ltd.'s report entitled "Geotechnical Investigation and Slope Stability Analysis (Revised) [for] 5412, 5414, and 5416 McConnell Cres in Terrace, BC". The report was originally addressed to Mr. David Block, Director of Development Service/EOC Planning Chief. The effective date of report is August 10, 2022. The intent of this addendum letter is to provide clarification on the likely threat to City of Terrace infrastructure from the Kalum Slide located within and below properties at 5412, 5414 and 5416 McConnell Cres.

Based on the study completed by Taylor Geotechnical, it is our opinion that remediation of the landslide area is required to manage threat to City of Terrace infrastructure. If timely mitigation is not undertaken, it is likely that the landslide affected area will widen which will threaten more homes and public infrastructure. This is due to the soil composition in the slope; presence of perched groundwater conditions resulting in rivulets forming; and removal of natural buttressing at the toe of the slope from groundwater and high river flows. It is our opinion that the landslide is not foreseen to retrogress to a stable configuration on its own because of these factors.

As such, it will be more costly to mitigate and will impact City of Terrace infrastructure if action is not taken in the short term. Further, additional costs will be needed for on-going geotechnical review of changing slope conditions as well as monitoring of the area.



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It is trusted that this letter addresses your concerns in this matter. Please contact the undersigned with any questions or to discuss.

Kind Regards,



2022-09-06

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