

Evan Wolf - Consulting Geologist
CERTIFIED ENGINEERING GEOLOGIST PG #9581 CEG #2743

July 25, 2022

James Tjogas
P.O. Box 370911
Montara, California 94037

Report Update
Geotechnical Engineering Consultation
Existing Agricultural Building
41779 Roseman Creek Road
Gualala, Mendocino County, California
APN: 143-010-29-05

Dear Mr. Tjogas:

Per your request, this letter has been issued to provide an update to the Geotechnical Engineering Consultation Report by BAGG Engineers, dated December 18, 2020. In this report, I addressed the grading and construction of an agricultural storage shed at your property on Roseman Creek Road in the Town of Gualala in Mendocino County, California. A discussion of the findings of my site reconnaissance, a description of the geology and seismicity of the site area, my conclusions regarding the nature and extent of supplemental grading conducted as part of construction of an agricultural storage shed, as well as recommendations for remedial grading, erosion control, and site drainage were provided.

It is my understanding that following issuance of the Geotechnical Engineering Consultation Report, concerns regarding the affect the noted additional grading may have on the stability of the sloping terrain have been voiced by your neighbors. As discussed in the December 2020 report, original site grading consisted of constructing graded pads and access roads prior to 1974. Inspection of the graded pads and access roads during an August 2020 site visit indicated the original site grading was conducted by cutting into the sloping terrain and placing wedges of undocumented fill along the downslope margins of the existing graded pads and associated access roads. In addition, it was noted that the subsequent grading conducted as part of construction of the agricultural storage shed consisted of creating additional cuts on the upslope side of the graded pad. The exposed cuts made as part of the original site grading and construction of the building pad for the agricultural storage shed exposed relatively well-cemented sandstone bedrock of the German Rancho Formation. No evidence of recent slope instabilities were observed during the site reconnaissance.

Evan Wolf - Consulting Geologist

CERTIFIED ENGINEERING GEOLOGIST PG #9581 CEG #2743

Based on the findings of my site reconnaissance and research, it is my opinion that the additional grading associated with construction of the building pad for the agricultural storage shed is not believed to have an adverse effect on stability of the sloping terrain. In addition, no slope instabilities associated with the original mass grading at the site were observed and the graded pads appeared to have performed well over the past nearly 50 years. While it is plausible that debris flows or landsliding may occur on the steeply sloping terrain below the graded pads during the economic life of the project, such events are not likely to be the result of the minor grading conducted as part of construction of the agricultural storage shed provided the recommendations presented in the December 2020 Consultation Report are implemented. Furthermore, if a coherent regional landslide encompassing the property were to occur, it would be the result of large-scale geologic, seismic and/or hydrologic characteristics for the site area and not the consequence of the minor grading conducted as part of the recent construction of the building pad for the agricultural storage shed.

I trust this letter provides the information you require at this time. Please do not hesitate to contact me if you have any questions or comments.

Sincerely,



Evan Wolf
Certified Engineering Geologist