

# Exhibit E

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**SOIL**



**SURVEYS  
GROUP INC.**

103 CHURCH ST • SALINAS, CALIFORNIA 93901 • TELEPHONE (831) 757-2172

January 16, 2018  
Job #6860

McNickle Construction  
Attn: Ryan McNickle  
209 Dundee Drive  
Monterey, CA 93940

Re: **PLN170659** - Response to Monterey County Incomplete Letter Dated December 21, 2017 Concerning the Moderate Landslide Hazard for the Proposed Single Family Residence to be Located at 26425 Laureles Grade Road, APN 416-051-005, in Carmel Valley, California

Dear Mr. McNickle:

This letter is in response to Monterey County RMA, Environmental Services Incomplete Letter dated December 21, 2017 for the proposed single family residence to be constructed at 26425 Laureles Grade Road, APN 416-051-005, in Carmel Valley, California. We respond to the landslide hazards as follows:

**Item 1: Are existing landslides, active or inactive, present on, or adjacent to the project site?**

No, there were no landslides observed within the property during our initial investigation nor during a recent site visit by our staff geologist. There are no slides mapped within the immediate project vicinity as shown on Dibblee, 2007. However, there is a slide located approximately 0.47 kilometers to the southeast of the project site.

**Item 2: Are there geologic formations or other earth materials located on or adjacent to the site that are known to be susceptible to landslides?**

Yes, the project site is mapped as Monterey Formation, Tm, which is typically composed of shale which can vary in degree of weathering and fracturing. There are several landslides mapped within the formation, the closest being 0.47 kilometers southeast of the project area.

**Item 3: Do slope areas show surface manifestations of the presence of subsurface water, or can potential pathways or sources of concentrated water infiltration be identified on or upslope of the site?**

No, there were no surface manifestations that would indicate any subsurface water or sources of concentrated water visible at the time of our site inspections. No groundwater was encountered in our borings to the maximum depth explored of 24.5 feet.

**Item 4: Are susceptible landforms and vulnerable locations present?**

No, there are no susceptible landforms or vulnerable locations within the proposed building area. Several trees can be found on the slope below and above the proposed building location which showed no evidence of creep or erosion during our investigations.

**Item 5: Could anticipated changes in the surface and subsurface hydrology increase the potential for future landsliding in some areas?**

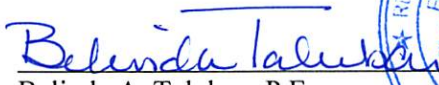
Yes, the potential can be increased due to construction efforts. However, if care is taken and all drainage and erosion control measures discussed in our report are implemented, the potential for landsliding can be lowered.

McNickle Residence  
January 16, 2018  
Job #6860  
Page 2.

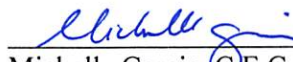
If you have any questions regarding this letter, please contact us. It has been a pleasure working with you on this project.

Very truly yours,

SOIL SURVEYS GROUP, INC.

  
Belinda A. Taluban, P.E.  
R.C.E. 44217



  
Michelle Garcia, C.E.G.  
Engineering Geologist 2668



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cc. County of Monterey, Resource Management Agency