

File: 217101  
March 16, 2020

Ms. Denise Enea  
738 Loma Court  
Redwood City, CA 94062

Subject: **Enea Property  
738 Loma Court  
Redwood City, California  
COMMENTS ON PROPOSED LEACH FIELD**

Ms. Enea:

This letter has been prepared to provide our geotechnical opinions on the potential installation of a septic leach line for the adjacent property to the south of your lot. As you are aware, we were the engineers of record for the re-construction of your slope after the heavy rains of the 2016/2017 rainy season caused a large slide below your residence, extending down to Los Cerros Road. Rains from that event also caused a slide on the downslope half of the adjacent lot to your south, which is now proposing to be developed (thereby necessitating the proposed leach field).

It is our recommendation that any new leach field have a minimum of 50 feet of horizontal separation between the work conducted on your property, as well as being located no higher than 20 feet higher than the elevation of Los Cerros Road. The first requirement is provided so as to limit the potential for any sewage leachate from being able to reach the subdrains associated with your slide repair, and thereby daylight onto the street below. The second requirement is to preclude any effluent from being able to reach the steepest portions of the slide repair, possibly overwhelming the subdrain collection system (the construction drains were focused on the northern side of the slide where the ground water was found to be concentrated at the time of construction).

Should you have any questions, please contact the undersigned.

Respectfully Submitted;  
**GeoForensics, Inc.**



Daniel F. Dyckman, PE, GE  
Senior Geotechnical Engineer, GE 2145

