



From: Zachariasen, Judith@DOC
To: tfujimoto@pleasanthillca.org
Cc: OLRA@DOC; [OPR State Clearinghouse](#)
Subject: CGS Comments on Draft Environmental Impact Report for the Pleasant Hill 2040 General Plan - SCN 2022070095
Date: Wednesday, February 22, 2023 3:59:12 PM
Attachments: [image001.png](#)

Hello, Mr. Fujimoto,

Thank you for providing the Draft Environmental Impact Report for the Pleasant Hill 2040 General Plan for review. This email conveys the following recommendations from the California Geological Survey (CGS) concerning geologic issues in Pleasant Hill:

Liquefaction and Landslide Hazards

The CGS has not yet produced a Seismic Hazard Zone Map for liquefaction and seismically induced landslide hazards in the vicinity of the City. The City provides a general description of these hazards, which may exist in the planning area. With respect to liquefaction hazard, the City provides a map of liquefaction hazard, but the source does not appear to be referenced correctly (USGS, 2022, appears to be a USGS landslide inventory), and it is unclear where the map came from. CGS suggests the City provide the correct reference for the map.

With respect to landslide hazards (seismically induced or otherwise), the City has provided a map titled "Landslide Potential within the General Plan Area," but the map is actually a landslide inventory depicting landslides that have already occurred, not the landslide potential. The City may, therefore, wish to refer to CGS Map Sheet 58, which analyzes landslide susceptibility throughout the state. The full map publication is available here:

https://www.conservation.ca.gov/cgs/Documents/Publications/Map-Sheets/MS_058.pdf

The GIS data for Map Sheet 58 is available at the link below. Please let me know if you have any questions regarding the use of these data.

<https://gis.conservation.ca.gov/portal/home/item.html?id=87289025c11d4ba7ae65f0f472bf7c2d>

Thank you again for providing this draft DEIR for review. If you have any additional comments or questions, feel free to call or email.

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