

Alexandra Owens

From: Zachariasen, Judith@DOC <Judith.Zachariasen@conservation.ca.gov>
Sent: Wednesday, June 7, 2023 12:33 PM
To: Cort.Hitchens@sanjoseca.gov
Cc: OLRA@DOC; OPR State Clearinghouse
Subject: Kaiser Permanente San Jose Medical Center Project - SCH No. 2023050424

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Dear Cort Hitchens,

The California Geological Survey (CGS) has received the Notice of Preparation of a Draft Environmental Impact Report (DEIR) for the Kaiser Permanente San Jose Medical Center Project. This email conveys the following recommendations from CGS concerning geologic issues related to the project area:

1. Liquefaction Hazards

The project site is located within an earthquake zone of required investigation (ZORI) for liquefaction mapped by CGS. The DEIR and supporting documents should address this hazard as it relates to the design of the proposed structures. Additional information is available at the links below:

<https://maps.conservation.ca.gov/cgs/EQZApp/app/>

<https://maps.conservation.ca.gov/cgs/informationwarehouse/index.html?map=regulatorymaps>

2. Ground Shaking Hazards

The project area is not located in an Earthquake Fault Zone mapped by CGS. However, several active faults are nearby, and the site could be subject to significant ground shaking. The DEIR and supporting documents should address this hazard as it relates to the design of the proposed structures. Additional information about ground shaking hazard can be obtained at the following sites:

<https://usgs.maps.arcgis.com/apps/webappviewer/index.html?id=14d2f75c7c4f4619936dac0d14e1e468>

<https://earthquake.usgs.gov/scenarios/catalog/bssc2014/>

3. Surface Fault Rupture Hazard

The project area is not located in an Earthquake Fault Zone mapped by CGS. However, the Quaternary-age San Jose Fault has been mapped as inferred through the hospital campus. The DEIR and supporting documents should address this hazard as it relates to the design of the proposed structures. Additional information about surface faults can be obtained at the following sites:

<https://usgs.maps.arcgis.com/apps/webappviewer/index.html?id=5a6038b3a1684561a9b0aadf88412fcf>

If you have any additional comments or questions, please feel free to call or email.

Thank you,
Judy Zachariasen



Judith Zachariasen, PhD, PG, CEG

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