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From: Zachariasen, Judith@DOC <Judith.Zachariasen@conservation.ca.gov>
Sent: Monday, August 28, 2023 1:24 PM
To: rbrady@rivco.org
Cc: OLRA@DOC; OPR State Clearinghouse
Subject: Citrus Valley Specific Plan Project - SCH#2023070597



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Dear Russell Brady,

The California Geological Survey (CGS) has received the Notice of Preparation of a Draft Environmental Impact Report (DEIR) for the Citrus Valley Specific Plan Project. This email conveys the following recommendations from CGS concerning geologic issues related to the project area:

1. Surface Fault Rupture Hazard

The project area is located across the Alquist-Priolo Earthquake Fault Zone (EFZ) for the Holocene-active San Jacinto fault mapped by CGS. Information about the San Jacinto fault and its EFZ can be found at: <https://maps.conservation.ca.gov/cgs/EQZApp/app/>. Links are provided therein Earthquake Zones of Required Investigation Maps and the Fault Evaluation Report for the San Jacinto fault, which discusses the fault and the basis for the EFZ.

The DEIR and supporting documents should address surface fault rupture 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>

2. Ground Shaking Hazards

The project area is located over the San Jacinto fault, one of the fastest moving faults in California, spanning the area between two traces of the fault. Additional active faults are located to the east and west of the Project location. Consequently, the site could be subject to significant ground shaking during the life of the Project. 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. Landslide and Liquefaction Hazards

CGS has not yet evaluated the area around the Project location for liquefaction and landslide hazards. Therefore, the absence of CGS-mapped Zones of Required Investigation does not indicate the absence of a hazard. The DEIR should investigate these hazards at the Project site and address any hazard as it relates to the design of proposed structures.

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

Thank you,
Judy Zachariassen



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