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Cc: OLRA@DOC; [OPR State Clearinghouse](#)
Subject: 2045 General Plan Reset - SCH no. 2024060037
Date: Friday, January 31, 2025 2:49:09 PM
Attachments: [image001.png](#)

Dear Akanksha Chopra,

The California Geological Survey (CGS) has received the Draft Environmental Impact Report (DEIR) for the City of San Carlos 2045 General Plan Reset. This email conveys recommendations from CGS concerning geologic issues related to the project area as addressed in the DEIR.

1. Liquefaction Hazards

The project area is located within an earthquake zone of required investigation (ZORI) for liquefaction mapped by CGS in accordance with the 1990 Seismic Hazards Mapping Act. The DEIR and supporting documents, in addressing this hazard, should mention the ZORI, include a map showing their extent in the project area, and explicitly address the regulatory implications of the zone for future development.

Additional information regarding liquefaction and ZORI is available at the links below:

<https://maps.conservation.ca.gov/cgs/informationwarehouse/eqzapp/>
<https://maps.conservation.ca.gov/cgs/informationwarehouse/regulatorymaps/>

2. Lateral Spreading Hazards

The DEIR states “No known fault traces are located within the EIR Study Area and would not result in lateral spreading as a result of fault rupture.” CGS notes that lateral spreading is a secondary effect of earthquake shaking associated with liquefaction and is not, in general, directly related to surface fault rupture. Thus, the absence of mapped fault traces does not imply the absence of a lateral spreading hazard, especially in an area with a significant liquefaction hazard. Lateral spreading should be addressed independently of fault rupture.

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

Thank you,
Judy Zachariasen



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