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**Cc:** [OLRA@DOC](mailto:OLRA@DOC); [OPR State Clearinghouse](#)  
**Subject:** Auburn General Plan Update - SCH No. 2024110190  
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**Attachments:** [image001.png](#)

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Dear Tia Klumpp,

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

1. Ground Shaking and Surface Fault Rupture Hazards

The project area is located within the broad extent of the Foothills Fault System, with fault traces mapped trending toward and through the City of Auburn. The age of latest activity on these faults is poorly constrained, and therefore they have not yet been zoned by the state under the Alquist-Priolo Fault Zoning Act. However, although Holocene activity has not yet been identified on these faults, several are considered to be late Quaternary in age (i.e. rupture within the last 130,000 years). In addition, the proximity of the city to additional active faults located to the east and west indicates that the site could be subject to ground shaking during the life of the project. The DEIR and supporting documents should address surface fault rupture and ground shaking hazards as they relate to the safety element of the general plan.

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/>

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Additional information about surface faults can be obtained at the following site:  
<https://usgs.maps.arcgis.com/apps/webappviewer/index.html?id=5a6038b3a1684561a9b0aadf88412fcf>

2. 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 address these hazards as they relate to the safety element of the general plan. Specifically, given the rugged topography of the area around Auburn, the DEIR should consider landslide hazards.

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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