

## Jillian Knox

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**From:** Frost, Erik@DOC <Erik.Frost@conservation.ca.gov>  
**Sent:** Thursday, July 28, 2022 1:45 PM  
**To:** billy.gross@ssf.net  
**Cc:** OLRA@DOC; OPR State Clearinghouse  
**Subject:** 121 East Grand Avenue (SCH 2022060734) - CGS comments

**Categories:** Purple Category

Mr. Gross,

The California Geological Survey (CGS) has received the Notice of Availability and Notice of Intent to adopt a Mitigated Negative Declaration for the proposed 121 East Grand Avenue project. This email conveys the following recommendations from CGS concerning geologic issues related to the project area:

1. Liquefaction and Landslide Hazards

On September 23, 2021, the CGS released an Official Seismic Hazard Zone Report (SHZR) and Earthquake Zone of Required Investigation Map (EZRIM) for the San Francisco South quadrangle, which includes the project area. Although the preliminary geotechnical investigation by Geocon Consulting was prepared prior to the release of the SHZR and EZRIM, Geocon Consulting did evaluate the potential hazard of liquefaction based on mapping from other sources. The Initial Study/Mitigated Negative Declaration report text and figures should be revised to accurately reflect that the project is located within a zone of required investigation for liquefaction. The EZRIM can be viewed here:

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

Individual Seismic Hazard Zone Reports and associated GIS data are available for download here:

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

Cities and counties affected by earthquake zones of required investigation must regulate certain development projects within them. The Seismic Hazards Mapping Act (1990) also requires sellers of real property (and their agents) to disclose at the time of sale that the property lies within such a zone.

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

Erik

### **Dr. Erik Frost**

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