

**From:** [Zachariasen, Judith@DOC](mailto:Zachariasen, Judith@DOC)  
**To:** [SeaportSD@portofsandiego.org](mailto:SeaportSD@portofsandiego.org)  
**Cc:** [OLRA@DOC](mailto:OLRA@DOC); [OPR State Clearinghouse](#)  
**Subject:** Seaport San Diego Redevelopment Project NOP - SCH #2023090299  
**Date:** Thursday, September 28, 2023 5:53:53 AM  
**Attachments:** [image001.png](#)

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Dear Wileen Manaos,

The California Geological Survey (CGS) has received the Notice of Preparation of a Draft Environmental Impact Report (DEIR) for the Seaport San Diego Redevelopment Project (SCH No. 2023090299). This email conveys the following recommendations from CGS concerning geologic issues related to the project area:

1. Liquefaction Hazards

The California Geological Survey has not yet evaluated the project area for liquefaction and landslide hazards under the auspices of the Seismic Hazards Mapping Act. However, as noted in the NOP, other studies have identified the area as having a high liquefaction potential. The DEIR and supporting documents should address this hazard as it relates to the design of the proposed structures.

2. Surface Fault Rupture Hazard

Part of the project area is located within an earthquake zone of required investigation (ZORI) for surface fault rupture associated with the Rose Canyon fault zone 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](https://maps.conservation.ca.gov/cgs/informationwarehouse/index.html?map=regulatorymaps)  
[https://usgs.maps.arcgis.com/apps/webappviewer/index.html?  
id=5a6038b3a1684561a9b0aadf88412fcf](https://usgs.maps.arcgis.com/apps/webappviewer/index.html?id=5a6038b3a1684561a9b0aadf88412fcf)

3. Ground Shaking Hazards

The project area is located in a seismically active region with numerous active faults, 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://usgs.maps.arcgis.com/apps/webappviewer/index.html?id=14d2f75c7c4f4619936dac0d14e1e468)  
<https://earthquake.usgs.gov/scenarios/catalog/bssc2014/>

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

Thank you,  
Judy Zachariasen



**Judith Zachariasen, PhD, PG, CEG**

Senior Engineering Geologist

Fault Zoning Unit Supervisor

Seismic Hazards Program

**California Geological Survey**

**California Department of Conservation**

715 P Street, MS 1900, Sacramento, CA 95814

T: (916) 879-2844

E: [judith.zachariasen@conservation.ca.gov](mailto:judith.zachariasen@conservation.ca.gov)