

From: Olson, Brian@DOC
To: mvanlonkhuysen@dalycity.org
Cc: OLRA@DOC; OPR State Clearinghouse; Schmidt, Anna@DOC
Subject: Serramonte Del Rey Campus Redevelopment Project
Date: Wednesday, July 5, 2023 3:22:23 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)



SCH Number

2023060571

Lead Agency

City of Daly City

Document Title

Serramonte Del Rey Campus Redevelopment Project

Document Type

NOP - Notice of Preparation of a Draft EIR

Received

6/21/2023

Hello Michael,

Thank you for providing the City's Notice of Preparation (NOP) of an EIR for our review. This email conveys the following recommendations from CGS concerning geologic and seismic hazard issues within the planned project:

1. Liquefaction and Landslide Hazards

The EIR should discuss liquefaction as a potential seismic hazard. The City should include a discussion of Earthquake Zones of Required Investigation (EZRI) for liquefaction and consider providing a map of these zones. The City also should discuss slope stability with respect to the project, including a discussion of earthquake-induced landslides, and consider providing a map of EZRI for landslides as well.

CGS maps and data are available here:

<https://maps-cnra-cadoc.opendata.arcgis.com/datasets/cadoc::cgs-seismic-hazards-program-liquefaction-zones-1/about>

<https://maps-cnra-cadoc.opendata.arcgis.com/datasets/cadoc::cgs-seismic-hazards-program-landslide-zones-doc-hosted/about>

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

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

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

2. Earthquake Ground Motion Hazards

The EIR should provide a discussion of the probability of large earthquakes in the region. This discussion may include earthquake probabilities from the third Uniform California Earthquake Rupture Forecast (UCERF3). A non-technical discussion of this model is available here: <https://pubs.usgs.gov/fs/2015/3009/pdf/fs2015-3009.pdf>

3. Fault Hazards

The EIR should consider providing maps depicting the locations of Alquist-Priolo Earthquake Fault Zones in the region. The City might also consider referring readers to the CGS website for a map that is continually updated:

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

CGS maps and data are available here:

<https://maps-cnra-cadoc.opendata.arcgis.com/datasets/cadoc::cgs-seismic-hazards-program-fault-traces/about>

<https://maps-cnra-cadoc.opendata.arcgis.com/datasets/cadoc::cgs-seismic-hazards-program-alquist-priolo-fault-hazard-zones-1/about>

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

Please let me know if you have any questions.



@CAgeosurvey

FOLLOW US!

Brian Olson, CEG
Senior Engineering Geologist
Seismic Hazards Program

13 Years of Public Service

California Geological Survey
320 W. 4th Street, Suite 850, Los Angeles, CA 90013
M: (213) 507-1080
E: Brian.Olson@conservation.ca.gov

*"A team is not a group of people who work together.
A team is a group of people who trust each other." – Simon Sinek*

CONFIDENTIALITY NOTICE: This communication with its contents may contain confidential and/or legally privileged information. It is solely for the use of the intended recipient(s). Unauthorized interception, review, use, or disclosure is prohibited and may violate applicable laws, including the Electronic Communications Privacy Act. If you are not the intended recipient, please contact the sender and destroy all copies of the communication.