

From: Olson, Brian@DOC
To: [ARB California Environmental Quality Act](#)
Cc: [OLRA@DOC](#); [OPR State Clearinghouse](#); [Gomez, DarylAnne@DOC](#)
Subject: CGS Comments on Cap-and-Trade Regulation Amendments
Date: Monday, October 16, 2023 2:59:06 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)

SCH Number

2023090422

Lead Agency

California Air Resources Board (ARB)

Document Title

Cap-and-Trade Regulation Amendments

Document Type

NOP - Notice of Preparation of a Draft EIR

Received

9/19/2023



Hello, Rebecca—

Thank you for providing the California Air Resources Board's (CARB) Notice of Preparation of a Draft EIR addressing amendments to update the Cap-and-Trade Regulation for our review. This email conveys the following recommendations from CGS concerning geologic and seismic issues to be considered when creating that document:

Statewide Earthquake Zones of Required Investigation

In general, the Draft EIR should depict and discuss any official CGS Seismic Hazard Zones of Required Investigation for liquefaction, earthquake-induced landslides, or surface fault rupture. Maps and data depicting these zones 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/>

Statewide Mineral Resource Zones

Additionally, the Draft EIR should depict and discuss any CGS Mineral Resource Zones within the project limits. These zones and reports can be found at the CGS Information Warehouse. Click on the "Mineral Lands Classification" tab at the top;

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

Tsunami Hazards

The CGS has mapped a Tsunami Hazard Area (THA) within the planning area. The purpose of a THA is to assist cities and counties in identifying their exposure to tsunami hazards. It is intended for local jurisdictional, coastal evacuation planning uses only. Additional information can be found at the links below:

[https://maps.conservation.ca.gov/cgs/informationwarehouse/index.html?
map=regulatorymaps](https://maps.conservation.ca.gov/cgs/informationwarehouse/index.html?map=regulatorymaps)

The CARB should also check to see if any potential projects are within a Tsunami Design Zone within the California Building Code (CBC). The CBC requires certain design standards for essential/critical or larger structures. The following website provides additional information regarding Tsunami Design Zones: <https://asce7tsunami.online/>.



@CAgeosurvey
FOLLOW US!

Brian Olson, CEG
Senior Engineering Geologist
Seismic Hazards Program

14 Years of Public Service

California Geological Survey
320 W. 4th Street, Suite 850, Los Angeles, CA 90013
M: (213) 507-1080

*"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.