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STATE CLEARINGHOUSE

From: [Frost, Erik@DOC](mailto:Frost,Erik@DOC)
To: ckeylong@burlingame.org
Cc: [OPR State Clearinghouse](#); OLRA@DOC
Subject: 1200-1340 Bayshore Highway Project (SCH 2022080299) - CGS comments
Date: Monday, September 12, 2022 8:50:13 AM

Hello Catherine Keylon,

The California Geological Survey (CGS) has received the Notice of Preparation of a Draft Environmental Impact Report (DEIR) for the 1200-1340 Bayshore Highway Project. This email conveys the following recommendations from CGS concerning geologic issues related to the project area:

1. Liquefaction Hazards

The project area is located within an earthquake zone of required investigation (ZORI) for liquefaction 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)

2. Tsunami Hazards

The project area is located within a Tsunami Hazard Area (THA) mapped by CGS. 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. The City should consider addressing tsunami hazards in the DEIR.

The project area is also located within the Tsunami Design Zone within the California Building Code (CBC). The CBC requires certain design standards for essential/critical or larger structures. The City of Burlingame should evaluate what the Tsunami Risk Category is for project structures and then determine if the project must comply with the CBC standards. The following website provides additional information regarding the Tsunami Design Zone:

<https://asce7tsunami.online/>.

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

Erik

Dr. Erik Frost

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