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Subject: San Ramon 2040 General Plan
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City of San Ramon

Document Title

San Ramon 2040 General Plan

Document Type

EIR - Draft EIR

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Document Description

As part of a comprehensive planning process, the City of San Ramon proposes to adopt an update to the San Ramon General Plan, including eleven respective General Plan elements, amendment to the San Ramon Village Specific Plan, repeal of the North Camino Ramon Specific Plan, and the San Ramon Zoning Code update. The 2040 General Plan elements include: Land Use; Housing; Traffic and Circulation; Safety; Open Space and Conservation; Parks and Recreation; Public Facilities and Utilities; Noise, Air Quality and GHG Emissions, Growth Management, and Economic Development.

Hello, Cindy—

Thank you for providing the City's Draft EIR for the 2040 General Plan for our review. This email conveys the following recommendations from CGS concerning geologic issues within the General Plan documents:

1. Liquefaction and Landside Hazards

- The Draft EIR discusses both liquefaction and landsliding as potential seismic hazards and provides maps of "Liquefaction Potential" (Figure 3.5-4) and "Landslide Susceptibility" (Figure 3.5-5). The liquefaction potential map appears to depict liquefaction susceptibility based on USGS mapping and the landslide map uses existing CGS Landslide Inventory mapping. The City should be aware that new Earthquake Zones of Required Investigation (EZRI) for liquefaction and earthquake-induced landsliding for the Diablo Quadrangle, which covers the northern portion of the City, will be officially available on February 22, 2024. The City should provide a discussion of EZRIs and include a map of these zones within the General Plan area.
- FYI: New seismic hazard zones for liquefaction and landsliding within the Contra Costa County portion of the Dublin Quadrangle (including the southern portion of the City) are in-progress and should be preliminarily available by summer 2024. When they are available, the zones will be posted online at the websites below.
- CGS seismic hazard zone 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 EZRI 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. Fault Rupture Hazards

- The City has a map depicting the locations of Alquist-Priolo Earthquake Fault traces (Figure 3.5-3). They should consider adding the Zones of Required Investigations around these fault traces to this map.
- The DEIR states the Alquist-Priolo Earthquake Fault Zoning Act "requires geologic/seismic studies of most proposed development within 50 feet of the zone" (page 3.5-18). This statement is incorrect. The A-P EFZ Act requires fault investigation studies for proposed buildings for human occupancy anywhere within the zone. The City should consider updating the DEIR anywhere that the Act is referenced and described.
- A CGS map that is continually updated with fault traces and zones is available here: <https://maps.conservation.ca.gov/cgs/EQZApp/app/>

Please let me know if you have any questions.

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@CAgeosurvey

FOLLOW US!

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<!--[if !vml]--> **14** Years of Public Service <!--[endif]-->

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"A team is not a group of people who work together.

A team is a group of people who trust each other." – Simon Sinek

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