

Summary Form for Electronic Document Submittal

Form F

Lead agencies may include 15 hardcopies of this document when submitting electronic copies of Environmental Impact Reports, Negative Declarations, Mitigated Negative Declarations, or Notices of Preparation to the State Clearinghouse (SCH). The SCH also accepts other summaries, such as EIR Executive Summaries prepared pursuant to CEQA Guidelines Section 15123. Please include one copy of the Notice of Completion Form (NOC) with your submission and attach the summary to each electronic copy of the document.

SCH #: _____

Project Title: Design Level Geotechnical Investigations for the Pacheco Reservoir Expansion Project

Lead Agency: Santa Clara Valley Water District

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Project Location: Unincorporated Santa Clara County
City *County*

Project Description (Proposed actions, location, and/or consequences).

To assist with the design and construction of Pacheco Reservoir Expansion Project, up to 149 subsurface exploratory borings (to include 119 initial borings and 30 supplemental borings with a total temporary disturbed area of 0.19 acre) are proposed to obtain essential information on subsurface geologic and geotechnical conditions. In addition, a total of 32 test pits (i.e., 0.29 acre total temporary disturbed area) are proposed as part of the Project to explore a potential borrow area for dam core zone material for the design and construction of the Pacheco Reservoir Expansion Project. The Project also proposes two types of linear surface geotechnical investigations within the Project study area to include seismic refraction and electrical resistivity. One electrical resistivity survey would be performed across the valley bottom within the upstream portion of the proposed dam. In addition, nineteen seismic-refraction lines totaling approximately 16,890 linear feet are proposed at multiple locations.

Identify the project's significant or potentially significant effects and briefly describe any proposed mitigation measures that would reduce or avoid that effect.

Significant impacts to the following resources are anticipated from implementation of the proposed Project:
 Biological Resources: Impacts to special-status plants, special-status wildlife species, and sensitive natural communities. Mitigation measures would be incorporated to include: Pre-activity Biological Surveys, Worker Environmental Awareness Training; Vehicle and Equipment Decontamination for Plant Pathogens and Weed Prevention; Aquatic Invasive Species Decontamination; Biological Site Inspections and Summary Report; and Site Rehabilitation.
 Hazards & Hazardous Materials: The proposed activities within the SR-152 right-of-way could temporarily conflict with emergency response and evacuation, primarily at the intersection of Kaiser-Aetna Road. Mitigation would include the preparation of a traffic control plan which would minimize conflicts with emergency vehicles.
 Noise: The County of Santa Clara noise standard would be exceeded during nighttime work along SR-152 for two sensitive receptors. Mitigation is proposed that would provide noise barriers around equipment to reduce noise levels below the County standard.
 Transportation: See response for Hazards and Hazardous Materials above.
 Wildfire: See response for Hazards and Hazardous Materials above.

If applicable, describe any of the project's areas of controversy known to the Lead Agency, including issues raised by agencies and the public.

As many as 30 trees may need to be removed in order to provide access for drilling equipment on areas of steep slopes. In addition, a helicopter would need to be used to transport drilling equipment to select drilling locations located on steep slopes due to lack of access.

Provide a list of the responsible or trustee agencies for the project.

1. California Department of Fish and Wildlife, Region 3
2. Central Coast Regional Water Quality Control Board
3. U.S. Army Corps of Engineers, San Francisco
4. California Department of Transportation, District 4
5. Santa Clara Valley Habitat Agency