San Simeon Community Services District

SSCSD Community Reservoir Expansion Project
Integrated Regional Water Management (Proposition 1, Round 2) Grant Presentation

May 4, 2022

San Simeon Community Services District

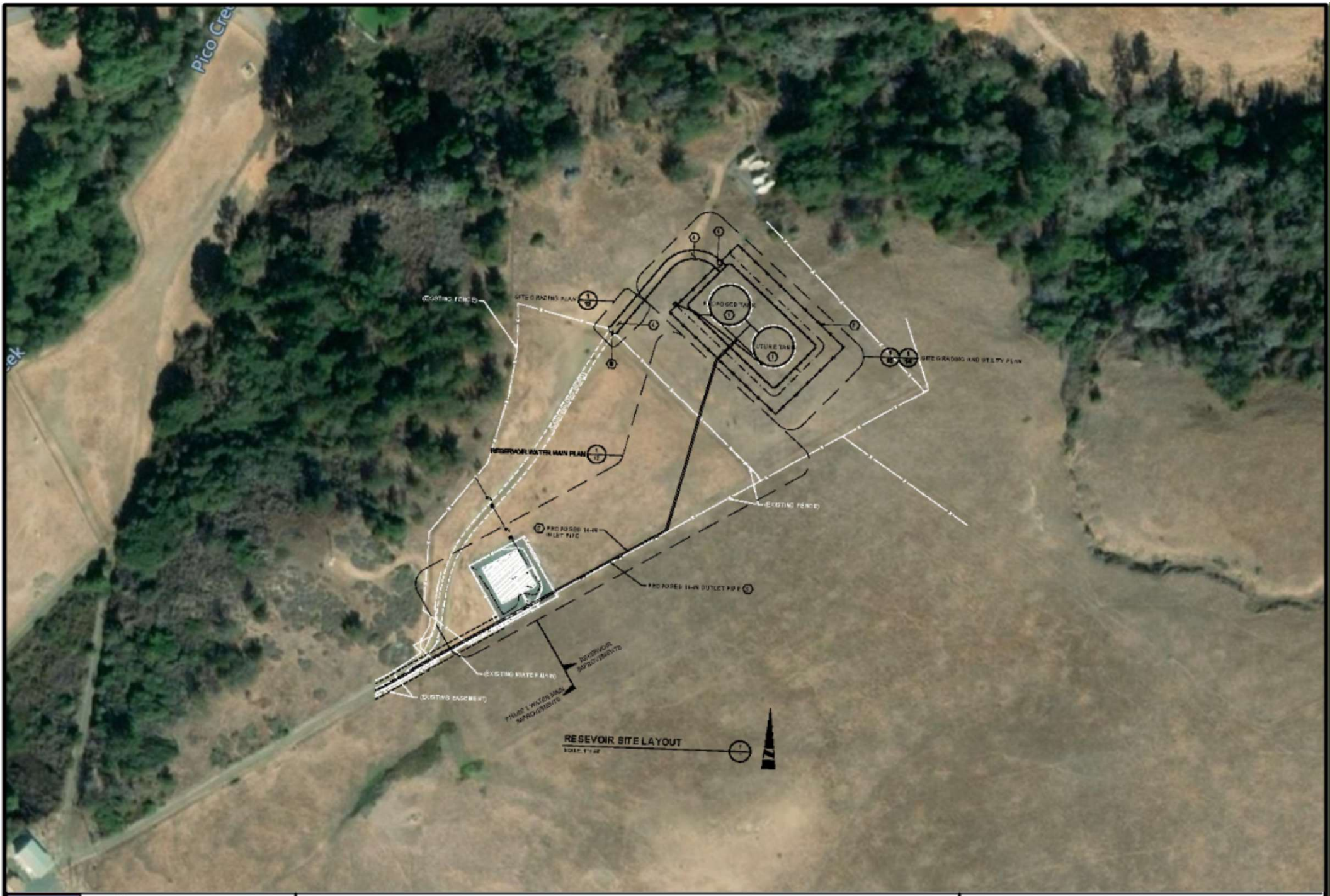
Project Description and Background

- The project site is a 3.6-acre Ag parcel on the Hearst Ranch, north of the terminus of Pico Avenue in the community of San Simeon.

- Consistent with the IRWM Plan, the project addresses a critical need for the community consisting of improvements in distribution system pressure and fire flow and implement the necessary increase in community water for emergency storage and fire storage identified as a priority for community safety by CalFire under the SSCSD 2018 Master Plan.

- The proposed project would involve installation of one new 24 foot tall by 68 foot diameter 400,000 gallon water storage tank with a pad for a second storage tank on an approximately 15,000 square foot pad (total site disturbance = 0.67 acres);

- The proposed project includes proposed potable water system pipeline improvements, including a new water pipeline from the proposed water tank site terminating at Pico Avenue.



OLIVEIRA ENVIRONMENTAL CONSULTING

N W E S

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Community Water Tank Project

San Simeon Community Services District

Figure 2

Aerial Overview

San Simeon Community Services District

Project Description and Background

- San Simeon is a DAC community and exhibits a household median income below the maximum limit. The project addresses the right to a reliable and clean water supply for the DAC.

- The project addresses climate change through provision of a safe/reliable potable water source during extreme climate conditions.

- Increased storage capacity will address ecosystem protection through groundwater pumping flexibility during the dry season when seawater intrusion raises chloride contaminants and during the wet season when increased stormwater runoff introduces contaminants to groundwater sources.

- The project addresses dry period management by increasing fire storage and flow rates identified by CalFire for adequate urban/wildland fire protection and would provide infrastructure improvements to meet domestic and emergency needs during normal and drought conditions when past water shortages have occurred.