

Carpinteria Valley Water District Rancho Monte Alegre Water Treatment Facility



CLIENT CONTACT

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District Engineer

Carpinteria Valley Water District
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PROJECT STATISTICS

Client
Carpinteria Valley Water District

Dates 2004–2007

Value of Services \$1.7M

Construction Costs \$12M

SERVICES PROVIDED

Construction Management

- Construction Engineering
- Construction Inspection
- Office Engineering

PROJECT ELEMENTS

- 12" laterals
- 20" main
- earthwork
- pumping station
- utilities
- water storage tank

PROJECT OVERVIEW

The primary goal of this project was to provide the District with greater autonomy from the South Coast Conduit, a transmission utility that delivers Lake Cachuma water to communities along the South Coast.

Other aims included providing backup storage capacity, stabilize zone pressures to the downtown area, enabling emergency supply to customers in the event of failure of the South Coast Conduit and facilitating blending of water for water quality control.

The project consisted of a new 3MG concrete storage tank, an intertie

pumping and regulation station enabling two way exchange of water with the South Coast Conduit, a building housing electrical distribution, emergency generator and disinfection booster station, a 20" diameter transmission main 10,700 feet in length, two new 12" laterals of 3500 feet in length, and renovation of the existing pressure regulation vaults connecting the District laterals to the South Coast Conduit.

