

Project Type
Domestic Water Booster Station

Project References
Hank Samaripa
Yorba Linda Water District
(714) 701-3105

This project is located in the City of Yorba Linda, CA and serves the Vista Del Verde planned community. This is a large planned community that surrounds the Black Gold Golf club in Yorba Linda, CA. It is situated in the central-west area of Yorba Linda and borders the cities of Placentia, CA and Brea, CA.

Toll Brothers and MBK were the primary developers to build in the Vista Del Verde community.

Toll Brothers development firm hired Steven Andrews Engineering to help developed new water facilities to serve the Heritage at Vista Del Verde planned community.

Steven Andrews Engineering prepared construction plans and specifications for Zone 2 to 3 domestic water Booster Pump Station located on an oil production field for the Yorba Linda Water District. The project included the design of two (2) 1,000 gpm vertical turbine pumps, of which two (2) were driven by electric 50 hp motors and one (1) 1,400 gpm vertical turbine pump with right angle gear drive driven by a gas engine, and the design of a 100 pound per day on-site sodium hypochlorite generation system. The booster station is housed inside a 34' x 24' -8" concrete block building with separate electrical room and chlorine generation room.

