

Technical and Design Services for Groundwater Treatment System and Municipal Supply Well

East Palo Alto, CA



EKI is providing technical and design services to the City of East Palo Alto (City) as part of the implementation of the City's groundwater projects, including the rehabilitation of the Gloria Way well and construction of the Pad D Well.

As of date, EKI has conducted the following:

- Performed design services for the construction of a municipal supply well and above-ground disinfection and distribution components at the Pad D well site.
- Conducted a hydrogeologic investigation and installation of a well in support of the Pad D well design. The investigation included test well design and construction, aquifer testing, water quality sampling, groundwater modeling, preliminary design and cost estimation.
- Prepared design documents for iron and manganese treatment system at the existing Gloria Way Well in the City.
- Assisted with permitting of the Gloria Way Well and Pad D Municipal Supply Well.
- Updated the City's water system hydraulic model to include the two groundwater wells.
- Assisted the City in securing \$1.5 million dollars in Proposition 84 grant funding to support the City in its conjunctive groundwater use and management efforts. Grant funds will be used for design and construction of the Gloria Way Well Project, and design of the Pad D Well Project.
- Reviewed and developed a prioritization of the various CIPs and established project prioritization criteria that addressed human safety, water supply reliability, as well as those addressing aging infrastructure and needs for future growth.

In conjunction, EKI is developing and implementing the City's comprehensive water strategy to address the water shortage crisis within the City, including support and implementation of the development moratorium, water demand offset program and water allocation policy, water transfer agreement, and Sustainable Groundwater Management Act (SGMA) response. EKI also supported the City with the preparation of their 2015 UWMP and other water-related services.