

EXHIBIT A

Mike Day, PE

Principal Engineer

Education

- ✓ B.S. Civil Engineering,
California State University, Fresno

Registration/Certifications

- ✓ Civil Engineer, California #39494

Affiliations

- ✓ United States Committee on Irrigation & Drainage (USCID)
- ✓ American Council of Engineering Companies (ACEC), Kern Chapter

Areas of Expertise

- ✓ Pump Testing and Repair
- ✓ Water and Groundwater Resources Studies
- ✓ Irrigation and Drainage System Design
- ✓ Energy Consulting

Professional Summary

Mike Day is a principal project manager in water and energy resources engineering with over 30 years of experience. He has an extensive background in investigation, planning, and design of irrigation and drainage facilities. Mr. Day's areas of expertise include pump testing and repair, irrigation system design and evaluation, groundwater and surface water investigations, surface and subsurface drainage systems design, and design of water conveyance and storage facilities. He also provides expert consultation for energy users and energy utilities on a variety of energy-related topics.

Relevant Experience

Quantifying Groundwater Pumping and Reviewing Potential Water Conservation Projects, Paramount Citrus, Visalia Area, California, Project Manager – Mr. Day served as the project manager and supervising engineer in this project to review the irrigation operations and records of a citrus ranch for possible water conservation projects. Estimates of groundwater pumping from the ranch's unmetered wells for several years were made utilizing a combination Southern California Edison Company pump tests and power bills.

Well and Pump Evaluation, Marchini Property, Mendota, California – Mr. Day oversaw the testing and evaluation of the condition of 11 groundwater well pumps and two lift pumps. The project included evaluating the long-term outlook for groundwater quantity and quality underlying the property's well field, and a review of surface water supplies and transfer opportunities.

City of Fresno Well Power Records Review, Fresno, California – Mr. Day reviewed Pacific Gas & Electric Company billing records and pump tests for the City's Water Division for two years, and consulted regarding ways to save money on power bills through correction of PG&E billing errors, power rate changes, pump testing and repair, and operational changes.

Water Resources Evaluation, Maddox Farms Burrell Ranch, Helm, California – Mr. Day analyzed quantity and quality of surface water (from Kings River) and groundwater supply available to 5,000-acre farm in Fresno County.

Pump Testing and Repair Program Management, Joint Electrical Services, Kern County, California – Mr. Day has supervised and overseen pump testing and repairs for four water agencies that have a joint powers agreement for electrical services management. The four agencies have periodically tested and repaired pumps since 2001 under Mr. Day's supervision, saving tens of thousands of dollars. Underperforming pumps were identified through testing and economic analysis, repairs have been made, and utility rebates have been acquired to partially fund repairs.

Groundwater Banking Projects Well and Pump Rehabilitation, Kern County, California, Project Manager – Mr. Day supervised the successful application for grant funds, and the implementation of projects to rehabilitate old deep wells, repair pumps to restore specific capacity and improve overall pumping plant efficiencies for 22 wells. Wells included those in both the Pioneer Project and Kern Water Bank (multi-participant groundwater storage projects) operated by Kern County Water Agency and Kern Water Bank Authority. Funding (up to 65 percent of the project costs) was obtained through the SB-5X program administered by the California Energy Commission.