

DORSEY EVERETT (DEE) JASPAR, P.E.

Education

B.S. Engineering, University of California, Davis, 1970

Registrations

California Registered Civil Engineer No. 23042

California Registered Agricultural Engineer No. 161

Professional Experience

Dee Jaspar is a civil engineer specializing in water supply. His focus has been on municipal, agricultural and industrial water supply projects for the past 40 plus years. He has operated and designed large agricultural water supply systems, designed municipal water supply and treatment plants, and has designed water supply and transmission facilities for industrial applications. His experience includes design of earthen dams, and retrofitting of a concrete buttress dam and fabric dams. He has prepared groundwater studies, both for deep and shallow ("perched") groundwater and has run monitoring programs for the same, designed groundwater recharge and recovery facilities, managed and prepared closure plans for agricultural drainage water evaporation basins, and implemented an integrated on-farm drainage management system for a large evaporation basin in Kern County. He has designed water wells, pumping plants, storage tanks, and water distribution systems, for both small and large municipal purveyors and for large agricultural water purveyors. As a team member, he has assisted in the studies and data collection for preparation of Waste Discharge Requirements for oilfield produced water supplies. He has prepared feasibility reports for water projects, interfaced with geotechnical, electrical and mechanical engineers as a part of a design team, and performed construction management of water projects. He oversees the firm's designers and surveyors in the performance of the firm's work, which is focused on water supply.

He supervises his firm's land surveying crew and checks field surveys and maps prepared by his staff. He has conducted property line surveys and re-traced public land surveys for remote areas adjacent to public lands in Kern County, performed topographic surveys, construction layout, and prepared maps, grading plans and site plans.

1980 – Present Dee Jaspar and Associates, Inc., Civil Engineers

Design and construction management of municipal, industrial and agricultural water supply projects, as outlined above. Projects include water treatment for municipal projects, groundwater recharge and recovery projects, canals, pipelines and pumping plants. Deep water well design, groundwater quality studies, groundwater pollution studies, dam feasibility studies, flood studies, water distribution network analyses. Open channel hydraulics, canal design, canal lining and structure designs. Team member for data collection for preparation of waste

discharge requirements, including soil studies, preparation of groundwater contour maps, groundwater quality data.

1973 – 1980 Wheeler Ridge Maricopa Water Storage District, Kern County, California

Staff Engineer 1973 – 1976: preparing groundwater studies for both shallow and deep groundwater, pipeline and pumping plant design, groundwater quality reports for both deep and shallow groundwater, crop water use and crop water efficiency studies, operation of District's 24 pumping plants, 200 miles of distribution piping distributing surface water to 80,000 acres of irrigated lands, with an additional 120,000 acres of farming relying on groundwater.

Assistant Engineer-Manager 1976 – 1980: managing District's staff and coordinating with District's board of directors, water users, and attending local and statewide meetings dealing with water supply issues.

1971-1973 James C. Hanson, Consulting Civil Engineer, Sacramento, California

Feasibility studies and design, including long-term yield analyses, for earth fill dams in the Coast Range of California. Coordinated geotechnical studies, site topography and design functions. Performed surveying and quality control, and coordinated with the Division of Safety of Dams on the projects during construction. Designed canal and pumping plants, performed streamflow measurements. Retrofitted a concrete buttress dam in the Consumnes River at Lodi, California.

1970-1971 Washington State Highway Department, Ellensburg, Washington

Surveyor on the Interstate Highway system, constructing Interstate Routes 82 and 90 in Central Washington.