

Thomas A. Boardman

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EDUCATION BS/Civil Engineering, California State University, Fresno

CERTIFICATION Registered Civil Engineer – California No. 41797

EXPERIENCE:

Jan. 1997 to Present San Luis & Delta-Mendota Water Authority, Sacramento CA

- Analyze and influence CVP and SWP project operations to maximize water supply to Authority member districts.
- Review and comment on proposed projects having an effect on the Authority's short and long-term water supply.
- Operate and evaluate Project operations using CALSIM II, delta water quality model (DSM2), and the delta particle tracking model.

Technical team member during the negotiation, development, or legal resolution of:

- 1995 Water Quality Control Plan
- Central Valley Project Improvement Act 3406(b2) federal court litigation
- Stanislaus River Interim Operations Agreement
- CVP/SWP Project Integration (Napa negotiations and UOP Process)
- Sacramento Valley Water Management Agreement (Phase 8 resolution)
- Yuba River Accord
- Trinity River Record of Decision
- San Joaquin River Water Quality Management Plan
- Federal court remedy decision for delta smelt pursuant to Judge Wanger's invalidation of the 2005 CVP Operations Criteria and Plan
- Formation of CalFed's Environmental Water Account

Other current activities include:

- Technical input and review of proposed alternatives as part of the Bay Delta Conservation Plan.
- Export contractor representative in the Vernalis Adaptive Management Program.
- CVP contractor representative during:
 - the development of the proposed American River Flow standard
 - USBR's San Joaquin River recirculation investigation
 - Calfed's surface storage investigation
- Develop software tools using Excel, Visual Basic.NET framework, and SQL server database management to assist in evaluation of CVP/SWP Project operations.

Sep. 1989 to
Dec. 1996

Westlands Water District, Fresno CA

- Coordinate with USBR's Central Valley Operations staff to maximize the District's water supply.
- Impact analysis for the Anadromous Fish Restoration Plan, 1992 CVPIA, 1995 delta smelt biological opinion, and the 1995 Water Quality Control Plan.
- District liaison to outside agencies for the following projects:
 - Underground fuel storage tank removal
 - Small water treatment plant investigation related to the Safe Drinking Water Act.
 - Installation of air release valves throughout the District's underground water distribution system.
 - Shallow groundwater and salinity mapping
 - Coordinated District's CAD/mapping operations as part of litigation support for a \$100 million lawsuit.
 - Contract specifications development for other District maintenance projects such as asbestos abatement, pavement rehabilitation, and pump disassembly projects.

Mar. 1987 to
Sep. 1989

McGlasson & Associates, Fresno CA

- Design subsurface drainage systems
- Engineered well field and water distribution improvements for local municipalities
- Design engineer on various street reconstruction projects
- Manager of the company's computer consulting branch specializing in the authorized sales of AutoCAD engineering software and hardware.
- Developed customized water management software for irrigation districts.

Nov. 1985 to
Mar. 1987

Ronald F. Ruettgers Consulting Engineer, Bakersfield CA

- Coordination with utility companies during the construction of a \$7.2 million overpass project and a \$4.5 million underpass project.
- Storm drainage design and sewer relocations.
- Project manager for the development of cellular telephone tower sites throughout the southern San Joaquin valley.

May 1984 to
Nov. 1985

Tenneco West, Bakersfield CA

- Conducted large-scale drainage studies for land development projects.
- Inspector on numerous street construction and urban drainage projects.
- Developed storm water management software.
- Field survey crew member as head chainman and instrument man.

ACTIVITIES

Licensed private pilot, licensed amateur radio operator, home improvements, camping, fishing, radio remote control helicopters.