

# Antonio Buelna

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## Experience

1981 to Present: Department of Interior, U.S. Bureau Reclamation, Fresno, Ca.

### Civil Engineer

- Makes recommendations to the Area manager for the optimization of the Friant Division (CVP) water supply allocations, reservoir operations, flood control, and maintenance for Friant Dam, Bradbury Dam, Friant-Kern, and Madera Canals.
- Acts as the technical representative on the San Joaquin River Flood Control Association and the Santa Ynez River Hydrology Committee.
- Conducts hydraulics Reservoir Operations, and Flood Control calculations for Friant and Bradbury Dams.
- Responsible for assessing, advising, and recommending actions to deal with the impact of Reclamation plans and activities regarding the interests and activities of local groups.
- Collaborates, counsels, and provides general direction for the operation and maintenance of facilities retained by Reclamation in the San Joaquin Valley. Develops and recommends the five-year budget needs for the Fresno office Operations and Maintenance program. Inspects facilities operated and maintained by the Friant Water Users Authority and San Luis and Delta Mendota Authority to assure compliance with contract provisions.
- Periodically acts for the Area Manager at local conferences, meetings with irrigation districts, local government, Southern California Edison, Pacific Gas & Electric, recreation organization representatives, landowners, and others with respect to construction, operation, and maintenance activities, and similarly, in liaison relationships with the Mid-Pacific Regional Office.
- Responsible for supervising, planning, budgeting, scheduling, directing, coordinating, monitoring and controlling the work of the Division.
- Responsible for the engineering administration of 28 water district contracts, easements, licenses, the approval of water schedules, accounting of water deliveries, water exchanges and water transfers, and application of "section 215 water."
- Collaborates and advises with the U.S. Fish and Wildlife Service, California Department of Fish and Game, commercial and sport fishing organizations on resolving controversial fish passage problems on the San Joaquin and the Santa Ynez Rivers.

## Major Projects

- 1988 to Present: Responsible for reviewing the plans and specifications for the Friant Dam Drum Gates replacement and Bradbury Dam Modification for Safety of Dams. Approximate contract value: \$30,000,000.
- 1985 to 1987: Principal designer of the Kesterson On-site disposal landfill earthwork computations. Approximate contract value: \$9,000,000.
- 1983 to 1985: Principal designer for San Luis Canal lining raise earthwork computations. Approximate contract value: \$6,000,000.
- 07 - 85 to 12 - 85: Principal designer for preparation of appraisal level designs and cost estimates for the relocation of the Contra Costa intake structure. Approximate cost of facilities: \$80,000,000.

## Education

- B.S., Civil Engineering, California State University, Fresno (1978)
- Graduate work: Water Resources, 15 units, California State University, Sacramento
- Numerous government-sponsored courses dealing with hydraulics, concrete, soil design, management, budget and flood control.
- Professional Engineer, No. C-34327, August 1982

EXHIBIT

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