



Water Dept Engineer

J. G. Boswell Company Information

From the fertile soil of California's San Joaquin Valley to the open fields of New South Wales, Australia, J. G. Boswell Company has a rich history of working with the land. For over 90 years and three generations, Boswell has depended on dedicated people, innovative technology and solid relationships to insure its success. From growing the world's finest extra-long staple Pima cotton to development of master planned communities and business parks, the Boswell Company is known for its tradition of excellence.

Position Summary

Water Engineer is responsible for performing professional and technical engineering duties as required for water systems. Duties include preparation of water system plans, specifications, engineering studies, mapping, surveys, reports, and environmental assessments. In addition, the Water Engineer may serve as a project manager for the planning, design, and construction of projects. Some projects and duties will require the Water Engineer to coordinate/interact with other departments, outside contractors and vendors.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

- Performs field investigations, inspections and design analysis for water and irrigation systems.
- Performs engineering design and scientific calculations, performs design work, preliminary analysis, and layout under the supervision of project managers.
- Contacts vendors, develops scopes of work, gets bids, and forwards information to subcontract administrator.
- Prepares field reports, internal correspondence and sections of formal reports with supervision and review of project managers.
- Follows company safety standards and site safety standards.
- Gathers data; prepares charts, maps, field diagrams, and schematics.
- Technical skills include hydraulic analysis, construction cost estimation, design of hydraulic structures, drafting, and technical report writing.
- Other duties may be assigned.

QUALIFICATIONS

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Education and/or Experience

- Bachelor's degree in an Engineering Discipline: Civil or Ag Engineering. With 1-3 years experience working in the agriculture sector preferred.

Other Qualifications

- Skilled in basic or standard field procedures and techniques.
- Experienced in writing technical studies and reports, collecting field data, and writing internal correspondence preferred.
- Knowledge in computer word processing, spreadsheet, AutoCAD, and database programs, preferred.
- Good oral and written communication skills.



- Must have a current valid California Drivers License, and eligible to drive within the J. G. Boswell Company Driving Policy.

Language Skills

- Ability to understand and speak English.

Reasoning Ability

- Must be able to work as part of a team.
- Must be observant, organized and detail oriented.
- Must function well in a fast-paced environment.

OTHER QUALIFICATIONS

Work Environment

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- While performing the duties of this job, the employee is occasionally exposed to outside weather conditions including wet, humid, muddy, foggy and hot conditions. The employee is also exposed to dust, pollens, and various particles in the air.

Physical Demands

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

J. G. Boswell Company is an Equal Opportunity Employer and Prohibits Discrimination and Harassment of Any Kind; all qualified applicants will be considered without regard to race, color, religion, gender, national origin, sexual orientation, age, marital status, medical condition, disability, protected veteran status or any other legally protected status.