

# San Gabriel Valley Water Company

## Senior Engineer

### LOCATION

El Monte, California

**Salary:** DOQ

### JOB SUMMARY

Under the direction of the Chief Engineer, has responsibility for the design and construction of a variety of water production, treatment, and distribution facilities and structures, and the installation of related equipment.

### JOB DUTIES AND ESSENTIAL FUNCTIONS

Responsible for a variety of tasks and duties, which may include, but would not be limited to, the following:

- Prepare designs of water utility plants and facilities in accordance with applicable codes and standards.
- Assist in the preparation of annual capital budgets.
- Prepare plans, calculations, specifications, bid requests, and cost estimates of materials and labor for various plans including, but not limited to: site, grading, treatment plants, water transmission and distribution mains, sewer and storm drain conflicts, street improvement, reservoirs, booster stations and retaining walls
- Design and evaluate water distribution systems, and perform hydraulic modeling and analyses.
- Prepare technical reports and analyses.
- Develop and/or recommend revisions of company standard drawings and specifications.
- Identify and recommend corrective action for design discrepancies.
- Develop timelines and follow-up to assure on-time completion of projects.
- Visit construction sites to review construction progress and prepare construction progress reports.
- Provide construction management and administration support.
- Attend construction site meetings and provide a wide range of technical field support.
- Coordinate and communicate with a variety of contractors and public agency representatives.
- Represent the company at meetings with public agencies, contractors, and developers.
- Prepare permit application packages and secure construction permits.
- Prepare reports, exhibits and testimony for filing with and presentations to the California Public Utilities Commission ("CPUC").
- Review drafts of exhibits and check cost estimates for use in CPUC data request responses and conduct the preparation and filing of General Rate Cases with the CPUC.
- Respond to CPUC data requests and prepare reports required by CPUC.
- Conduct economic cost-benefit analyses, feasibility and cost of service studies for company projects.
- Prepare justifications for capital improvement projects.
- Work in the office or remotely as required.
- Other tasks and duties as directed.

### SKILLS, KNOWLEDGE AND PHYSICAL REQUIREMENT

Skills, knowledge and physical requirements include, but would not be limited to:

- Thorough knowledge of civil engineering design theory, principles, and construction practices in modern water treatment, production and distribution facilities.
- Excellent analytical skills.
- Familiarity with CPUC Rules and Regulations.
- Thorough understanding of the company's standard drawings and specifications.
- Thorough familiarity with the company's safety practices and procedures.
- Ability to communicate effectively, both verbally and in writing.
- Ability to write legibly and have good reading skills, as well as ability to quickly comprehend.
- Ability to manage projects and interact with all levels of company personnel, as well as contractors, outside vendors, public agency representatives, and the general public.
- Strong personal computer skills and knowledge of and experience with a variety of computer modeling, design and related software packages, such as Microsoft Word, Excel, AutoCAD, MicroStation, GIS related software, and water distribution system modeling software.
- Ability to work remotely.
- Must be dependable, punctual, and have good attendance.
- Neat and presentable professional appearance.
- Ability to perform repetitive physical activities using feet, legs, hands, and arms, and be able to use a keyboard, walk, sit, stand, bend, stoop, climb stairs, reach, grasp, and occasionally lift up to 25 lbs.

### EDUCATION, TRAINING AND EXPERIENCE

The following are required:

- Undergraduate degree in Civil Engineering from an accredited college or university.
- California Professional Engineer (P.E.) certification required.
- Minimum of 5 years of civil engineering experience, preferably in water distribution system design.
- Valid California driver license and acceptable driving record.

San Gabriel Valley Water Company, with 270 employees, offers the following benefits: vacation, sick leave and 12 paid holidays; group medical, dental, life, and long term disability insurance; and 401(k) with company match. Submit cover letter with salary requirement and detailed resume to E-mail: [HR@sgvwater.com](mailto:HR@sgvwater.com) with "Senior Engineer" in the subject line; Fax: (626) 442-2632; Mail to: Human Resources Manager, P.O. Box 6010, El Monte, CA 91734.