

Assistant Engineer

Modesto, CA

About Our Company:

Black Water is a Central Valley engineering firm that provides professional services in water, wastewater, storm drainage, and construction management. The company was established in 2012 and continually endeavors to maintain an excellent reputation for delivering responsive service, technical expertise and value to our clients.

Our staff consists of experts in the study and design of water supply, treatment, and distribution systems; wastewater collection, conveyance, and treatment works; and storm water analysis and drainage facilities. We have a solid track record in regulatory compliance, permitting, and reporting requirements with state and local agencies.

We are a positive, professional work environment offering potential for growth and professional development. We offer a competitive salary and benefits package.

Our Benefits:

- Health Insurance
- 401k
- Paid Sick & Vacation
- Paid Holidays
- Life Insurance

If you are ambitious and meet the minimum qualifications described please respond with a resume, cover letter, and references.

Position:

We are looking for a water/wastewater Assistant Civil Engineer to join our team. The applicant will work under immediate supervision of the Project Managers and Engineers assigned to each project. Perform paraprofessional engineering office and field work involving water/wastewater projects.

Any combination of experience and training that would likely provide the required knowledge and abilities is qualifying. A typical way to obtain the knowledge and abilities would be:

- Required: Bachelors in Environmental Engineering, or Civil Engineering or related engineering field.
- Required: 2-4 years of relevant work experience.
- Required: Possess a Engineer In Training (E.I.T.) Certificate, with the ability to become licensed within a year of hire.

Job Type:

Full-time

Job Requirements:

All duties of this position include, but are not limited to, the following requirements under the direct supervision of the Project Manager and assisting the team's workload for all projects:

- Design projects involving potable water, wastewater, and storm drainage.
- Prepare documentation for water resources, regulatory program compliance, data management and analysis, and field work.
- Perform hydraulic modeling and pipeline design.
- Conduct feasibility studies for the construction of facilities, such as water supply systems, runoff collection networks, water and wastewater treatment plants, or wastewater collection systems.
- Design pumping systems, lift stations, pipelines, force mains, or gravity sewers.
- Design domestic or industrial water or wastewater treatment plants.
- Analyze storm water or floodplain drainage systems.
- Design water distribution systems for potable or non-potable water.
- Design or select equipment for use in wastewater processing to ensure compliance with regulatory standards.
- Identify alternatives for the development of new water sources.
- Design water or wastewater pumping facilities, including water wells.
- Perform hydraulic analyses of water supply systems or water distribution networks to model flow characteristics, test for pressure losses, or to identify opportunities to mitigate risks and improve operational efficiency.

Technology Skills:

- Analytical or scientific software - *InfoWorks WS; Bentley SewerCAD*
- Computer aided design CAD software - *Autodesk AutoCAD Civil 3D*
- Internet browser software - *Google Chrome; Microsoft Internet Explorer; Mozilla Firefox; Web browser software*
- Map creation software - *ESRI ArcGIS software; MapInfo*
- Office suite software - *Microsoft Office*

Contact Information:

Please submit a PDF version of your resume, cover letter, and references to reception@blackwater-eng.com.

Salary:

Compensation for the position is based on education, knowledge, skills, attitude, and experience.