

## **Pipeline Design Engineer**

Civil Engineering Consultants (CEC) is a 100% employee-owned civil and environmental engineering firm serving public and private clients in Georgia. Founded in 1986, we offer professional planning, design and construction administration services for potable water production and water reclamation facilities, water and sanitary sewer mains, water system hydraulic modeling, elevated water storage tanks, and ground clear well water storage.

Accountability and responsiveness are the cornerstones of our firm. Whether it is a multimillion-dollar wastewater treatment facility or a neighborhood water main replacement, our engineers are in the field, meeting with clients and community stakeholders to make sure every project successful. Accountability and responsiveness are the cornerstone of our firm. We believe that this is best achieved through teamwork and individual initiative. We take our commitments seriously and strive to reach positive solutions.

### **Benefits**

- Generous Paid Time Off
- Paid holidays
- Company paid health insurance
- Company paid HSA contribution
- Simplified Employee Pension (SEP)

### **Job Description**

The Pipeline Design Engineer role within our Marietta, GA office, is directly involved in developing preliminary design reports, detailed design, and contract administration for water and sewer transmission and distribution mains, both pressurized and gravity. You will provide task management and client service interaction throughout the planning, permitting, and construction phases. A successful candidate must demonstrate specialized technical knowledge of potable water and sanitary sewer, master planning, hydraulic distribution system modeling, transmission or collection systems design, and exercise judgment within established organizational values, policies, and procedures.

### **Required Experience**

- Licensed Professional Engineer in GA or able to obtain within four years.
- Minimum Bachelor's Degree in Civil/Environmental Engineering, or equivalent.
- 2+ years of experience or demonstrated equivalency of experience and/or education.
- Responsible for the planning, design, and construction of potable water, gravity sewer, and force main pipeline projects and coordinating with other engineering and technical staff necessary to successfully complete the projects.
- Lead and support the design efforts of water resources and site development projects.
- Perform hydraulic, hydrologic, and water quality modeling, and geospatial evaluations.
- Working knowledge of AutoCAD Civil 3-D software.
- Thorough understanding of the processes involved in the planning, permitting, and design of municipal and private projects for water and sewer.

## **Preferred Qualifications**

- Master's Degree in Civil/Environmental Engineering
- Demonstrated time management skills, strong work ethic and attention to detail
- Communication skills, both verbal and written, to effectively communicate with and establish good working relationships with subordinates, coworkers, public officials, residents, customers, and other governmental officials.
- Ability to effectively manage and prioritize situations and goals to maximize available resources. Problem solving skills to analyze complex problems and implement appropriate corrective actions.
- Experience in the preparation of engineering proposals.
- Familiarity with applicable federal, state, and local rules and regulations.
- Strong analytical and computational abilities.