

Job Title: **DESIGN ENGINEER**

Division: **Environmental Water**

### **Company Overview**

PACE is a specialized civil engineering firm focusing on advanced water resource services with unique research and development capabilities through our onsite water quality and piloting laboratories. We offer a wide range of engineering services related to water, wastewater, stormwater management, water resource planning and regulatory compliance to ensure projects are both economically viable and environmentally sustainable. Our engineering approach focuses on maximizing value applying state-of-the art analytical tools and designing water infrastructure systems that include environmental, aesthetic and recreation uses. PACE staff members include licensed professional engineers with PhDs, university instructors and policy-makers in the water resource arena.

We invite you to learn more about PACE by visiting our website: [pacewater.com](http://pacewater.com).

### **Job Description**

PACE is seeking a design engineer with a focused background in water resources (water and wastewater systems). This position will entail performing a wide variety of engineering analyses and design requiring excellent engineering ability, as well as verbal and written communication skills. Engineering functions of this position will include:

- Water treatment
- Wastewater treatment
- Pumping and water conveyance facilities
- Water storage facilities
- Construction administration / support

Responsibilities may include:

1. Perform hydraulic calculations and equipment sizing
2. Construction document preparation (specifications and drawings)
3. Creating details in AutoCAD
4. Research
5. Field studies
6. Technical writing
7. Hydraulic modeling
8. Conduct site visits as required
9. Coordination with vendors

### **Requirements**

- Bachelor's degree in civil, environmental or related engineering field.
- Passed EIT exam or is eligible to sit for the exam
- University courses completed including physical, chemical and biological processes of water, hydraulics, and water and wastewater treatment.

- Water and sewer hydraulic modeling experience
- Creative problem solving skills
- Excellent communication skills including technical writing and presentations
- Ability to work in a team environment and self-directed
- Working knowledge of AutoCAD
- MS Office proficiency

**Preferences**

- AutoCAD proficient
- Microstation experience
- esri ArcGIS experience

**Physical Demands**

While performing the duties of this job, the employee is regularly required to sit; use hands, handle or feel; and talk or hear. The employee is occasionally required to stand, walk and reach with hands and arms. The employee may occasionally lift and/or move up to 30 pounds. Specific vision abilities required by this job include close vision; color vision is very helpful. Occasional field work may be required and includes walking through uneven, rugged terrain, requiring good balance, ability to walk moderate to long distances, and good general vision and depth of field vision.

**Work Environment**

The noise level in the office work environment is moderate. May be required to work in external environment in all weather conditions.

**Salary**

Competitive Salary commensurate with experience and capabilities

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PACE is an equal opportunity employer.

At this time, PACE will not sponsor a new applicant for work authorization.

Local candidates are preferred and no relocation package is offered.

If interested, please respond to this posting by submitting your resume with salary requirement to: [hr@pacewater.com](mailto:hr@pacewater.com).

NO RECRUITERS PLEASE.