

Job Title: **Stormwater Management Design Engineer**

Division: **Stormwater Management**

### **Company Overview**

PACE is a specialized civil engineering firm focusing on advanced water resource services with unique research and development capabilities through our internal laboratories and water related modeling. We offer a wide range of engineering services related to water, wastewater, stormwater management and 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 stormwater management with an emphasis on hydrology and hydraulics. 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:

- watershed modeling
- understanding stormwater management systems and design criteria
- drainage / flood control planning and design
- water quality/BMP planning and design
- fluvial and sediment transport analysis
- flood mitigation studies
- integrated water resource planning
- floodplain mapping and hydraulic modeling
- river engineering
- urban drainage systems planning and design

### **Requirements**

- 1-3 years of relevant experience
- BS Civil Engineering with water resource emphasis or related degree
- Basic engineering computation capabilities
- Standard hydraulic/hydrology modeling experience
- Creative problem solving skills
- Excellent communication skills including technical writing and presentations
- Ability to work in a team environment and self-directed
- MS Office proficiency

### **Preferences**

- AutoCAD proficient
- esri ArcGIS experience
- Experience with various H&H applications:
  - HEC-RAS
  - HEC-HMS
  - XP-SWMM
  - FLO-2D
  - CFD
  - HEC
- EIT

### **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.

PACE offers a generous benefits package.

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.