



PACIFIC WATERSHED ASSOCIATES INC.

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www.pacificwatershed.com

Civil / Environmental Engineer

Pacific Watershed Associates is seeking a Civil/Environmental Engineer (Licensed Professional Engineer (PE)) to serve as a member of our cross-disciplinary team performing watershed restoration planning, design, and construction projects throughout Northern and Central California.

Pacific Watershed Associates Inc. (PWA) is a full service geologic and engineering consulting firm with offices in Humboldt and Sonoma Counties of northern California. PWA specializes in science-based management solutions for watershed, forest, riverine, and coastal habitats, as well as rural development projects. PWA includes a staff of 40 full-time geologists, engineers, geomorphologists, hydrologists, stormwater specialists, watershed scientists, biologists, and associated support personnel. PWA is committed to providing and maintaining a professional organization and working environment for all our employees. Our aim is to continue to grow our established organization, and further develop our engineering capabilities, by working collaboratively with a common purpose and vision to provide the very best services to our clients and our community, and to conduct progressive, environmentally beneficial projects.

Working in collaboration with PWA Principals, Senior Scientists and Project Managers, the Civil/Environmental Engineer will develop, design, and oversee construction of watershed restoration, water resources, water quality, transportation, and rural development projects.

Typical Projects Include:

- Rural excavation and grading plans, erosion control plans and site remediation designs
- Engineering soils reports and drainage plans
- Hillslope, embankment, and stream channel stability assessments, designs and repairs
- Ponds, reservoirs, and water catchment facility design
- Low impact development designs and stormwater engineering
- Bridges, culverts, and other stream crossing designs for rural roads
- In-stream and off-channel aquatic habitat restoration and enhancement projects

Typical Responsibilities:

- Assists Senior Engineer and other Engineering staff, Project Managers, and PWA professionals with civil and environmental engineering projects
- Engineering project management, tracking, and budgeting
- Hydraulic and CAD modeling and in-field feasibility review
- Prepares construction specifications and cost estimates
- Performs and assists in soil and groundwater investigations
- Construction management and project inspection
- Topographic surveying

- Develops engineering designs per applicable standards, calculates engineering quantities, and prepares construction cost estimates and specifications
- Reviews designs, plans, specifications, and estimates for completeness and accuracy
- Authors and reviews technical documents, including basis of design reports
- Helps to prepare applications for funding, permits, and other planning documents

Required Qualifications, Skills and Abilities

- **Licensure** as a California Civil Engineer (CA PE)
- BS or MS in engineering or physical sciences
- 4+ years of engineering work experience
- A passion for watershed/environmental conservation and restoration

Required Skills, Abilities and Experience

- Experience with AutoCAD Civil 3D
- Preparation of design reports, construction plans, and contract specifications
- Total station surveying
- Proficient in Microsoft Office Suite (Word, Excel, PowerPoint)
- High level of organizational skills; strong verbal and written communicator
- Ability to work independently, yet collaborates and works well with project team members
- Self-starter/takes initiative; positive attitude/team player
- Able to remain flexible with changing workload, timelines, and project requirements
- Ability to work and hike on steep, uneven terrain in inclement weather
- Ability to travel as needed (primarily Northern and Central California)
- Current driver's license and safe driving record

Preferred Skills and Abilities

- 1-D stream and floodplain hydraulic modeling experience including HEC-RAS
- Stormwater projects, grading, and construction inspection and oversight

Position Details

- Full-time salaried position
- Position available at the McKinleyville, CA or Petaluma, CA offices
- Out-of-town work intermittently required (primarily northern and central California)
- Benefits including paid time off, 401(k), term life insurance, and health insurance
- Salary commensurate with qualifications and experience

How to Apply:

- Please send cover letter, including description of work experience, requested salary range, and examples of past work (e.g., design drawings), and resume to:
careers@pacificwatershed.com
- Please write "Civil/Environmental Engineer" in the subject line.
- Resumes without a cover letter will not be considered.
- Position will remain open until filled.

PWA is an equal opportunity employer. See our website for more information about the organization: www.pacificwatershed.com.