



**PRUNUSKE CHATHAM, INC.**

**JOB DESCRIPTION**

## **Assistant Engineer**

PCI is seeking an Assistant Engineer to join our team full-time in Sebastopol, California. PCI is a small, multi-disciplinary firm that specializes in ecological restoration and natural resource assessment and planning in Northern California. Our team of scientists, planners, landscape architects, engineers, and constructors work collaboratively to find ecological solutions to human challenges, and to help sustain diverse, resilient natural communities. We work with partners and clients ranging from conservation non-profits, park and open space districts, and resource conservation districts to utilities and private landowners. To learn more about PCI, visit [www.pcz.com](http://www.pcz.com).

The ideal candidate will be a self-motivated, team-oriented individual with an interest in designing and implementing habitat restoration projects. The successful candidate will work closely with PCI's engineers and landscape architects throughout all project phases from the initial project survey through construction oversight and implementation.

### **Typical Tasks**

- Data collection, including the installation of flow monitoring equipment.
- Total Station and GPS topographic surveys.
- Hydrologic analyses and hydraulic modelling (1-D and 2-D).
- Engineering analyses to support project designs.
- Technical writing and documentation of project designs.
- Design and drafting tasks in AutoCAD Civil3D, including grading, modifying and editing surfaces, and plan production.
- Development of construction specifications.
- Estimating project quantities and development of construction cost estimates.
- Preparation of graphics to support PCI's project managers with various project deliverables.

### **Minimum Qualifications**

- Bachelor's or Master's degree in Civil, Environmental, Water Resources or closely related Engineering field.
- EIT certification and ability to obtain a PE within 1-2 years.
- Proficiency in Microsoft Office Suite of products (Excel, Word, Powerpoint).
- Demonstrated excellence with verbal and written communication.
- Excellent interpersonal skills with the ability to work both independently and as part of a team with project managers, engineers, landscape architects, environmental scientists and regulators.
- Commitment to producing ecologically sound work within established budgets and schedules.
- Ability to read and understand construction plans, planting plans and specifications.

**Desired Skills**

The ideal candidate will possess experience in/with the following:

- Aptitude for and familiarity with programs such as AutoCAD Civil3D, HEC-RAS (1D & 2D), HEC-HMS, ArcGIS.
- Commitment to learning and critical thinking.
- Experience in stream restoration design.
- Familiarity with construction.
- Familiarity with ecology, biology, landscape architecture, and geomorphology.

**Compensation**

This position is full time with benefits, including health insurance, 401K, and paid leave. PCI offers competitive salaries commensurate with experience.

**To Apply**

Please submit a résumé and cover letter that describes your interest in the position and PCI to: [hr@pcz.com](mailto:hr@pcz.com). Please put "Assistant Engineer" in the subject line. We look forward to hearing from you. The review and interview process will continue until the position is filled.