



PACIFIC WATERSHED ASSOCIATES INC.

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February 11, 2020

Vacancy Announcement

Job Title: *GIS Specialist/Cartographer*

Company Overview:

Pacific Watershed Associates, Inc. (PWA), a California certified small business established in 1989, is a full service geological, hydrological, engineering, and biological consulting firm specializing in the development of technically sound management, restoration, and environmental solutions for watershed, forest, riverine, and coastal habitats. PWA is based in McKinleyville, CA with an office in Petaluma (northern San Francisco Bay Area). At PWA, we endeavor to bring practical, science-based solutions to complex geological, watershed management, and erosion control problems. We pride ourselves on implementing innovative, multi-objective solutions that move our clients' concepts to reality with cost-effective results.

Position Description:

PWA is seeking qualified applicants for the position of GIS Specialist/Cartographer based in our McKinleyville office. The GIS Specialist/Cartographer will work under the direct supervision of PWA's General Manager and/or Project Manager(s). The successful candidate's responsibilities will include, but are not limited to:

- Collect, manage, create, and edit spatial data for incorporation into analyses, graphic displays, and maps
- Maintain PWA's spatial information in an organized structure according to PWA's protocols
- GIS analysis (geoprocessing, spatial analysis) of geomorphic, hydrologic, and biologic spatial data
- Remote sensing/aerial photo interpretation
- General cartography work/map production, using PWA templates and styles, for final report products, legal documents, field mapping tools, and other map products needed for project development and support for the organization.

Minimum Knowledge, Competencies & Qualifications:

- Bachelor's degree in Geology, GIS, Geography, Natural Resources, Hydrology, or related field
- Minimum of two years professional experience as a GIS Specialist/Cartographer
- Proficiency in ESRI GIS systems and applications, including ArcGIS Pro and ArcMap 10.7.1, ArcGIS editing and geoprocessing tools
- Proficiency in map production for report products and publications
- Proficiency in MS Word, MS Excel, and MS Access
- Proficiency with Google Earth, KML, KMZ
- Ability to read and interpret topographic maps and aerial photography
- Strong written and verbal communication skills
- Good multitasking skills, works well with others, and the ability to work under pressure
- Flexible, detail-oriented, and able to work independently or as part of a multidisciplinary team

- Knowledge of GPS technology, data collection, and integration with GIS software
- Must have a satisfactory driving record and background check

Desired Qualifications:

- Experience with Avenza Maps application/software
- Knowledge of local and regional geology, geomorphic processes, hydrology, regulatory compliance, and conservation and/or forest land use issues
- Experience with AutoCAD, including Civil 3D

Compensation:

This position is classified as *full time – hourly* (40 hours per week, Monday - Friday). Hourly wage is dependent upon qualifications. Employee is immediately eligible for 401K employee matching employer benefits, but additional benefit package (medical, vacation, etc.) is available after a 6-month introductory period.

PWA is an Equal Opportunity Employer.

Application Procedure:

Applicants must submit a letter of interest, resume, and contact information for three references to: eileenw@pacificwatershed.com. Subject: *GIS Specialist/Cartographer*.

Applications may also be mailed to:

Pacific Watershed Associates, Inc.
P.O. Box 4433, Arcata, CA 95518
Attn: Eileen Weppner

...or hand delivered to the PWA front office:

Pacific Watershed Associates, Inc.
1652 Holly Drive, McKinleyville, CA 95519

Application Deadline: Applications must be received by February 29, 2020.