



## JOB ADVERTISEMENT

# Job Title: Mid-level to Senior Environmental or Water Resources Engineer (PE)

**Company:** Wolf Water Resources, Inc., located in Portland, Oregon

**Minimum Qualifications:** BS in water resources or environmental engineering and 7 to 15 years of experience; Oregon and Washington PE registration.

**Summary:** The ideal candidate will possess technical expertise and project management experience for the analysis and design of watershed planning and ecosystem restoration projects, preferable in both fluvial and tidal environments. Project experience should include restoring natural, aquatic habitat-forming processes (e.g., floodplain connectivity and complexity, spawning and rearing habitat for salmonids and other native fish and wildlife species, engineered log jams, hydrologic and hydraulic modeling, beaver dam analogs). We work primarily in the Pacific Northwest and occasionally work in other locations.

The candidate will exhibit a collaborative nature with project staff, clients, and subconsultant partners while working in the field and in the office. The candidate should be comfortable in the outdoors and able to hike in rough conditions. It is expected that all Wolf Water Resources project staff may perform field work at any stage of a project (site assessment through construction phases).

### Essential Duties, Functions, and Responsibilities

The duties, functions, and responsibilities listed below are representative of the knowledge, skill, and/or ability required to perform this job successfully. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. Other duties than those listed below may be assigned.

- Serve as engineer in charge for medium to highly complex projects, allocating staff and resources to project assignments, providing task management of project team members, tracking/managing project budgets, and communicating responsively to the client and project subconsultants.
- Thoughtfully generate a project schedules, budgets, and scopes of work.
- Skillfully lead the preparation of plans, cost estimates, and specifications; perform construction oversight as required.
- Applies quality control practices to the management of projects and development of work products.

- Competent in hydrologic and hydraulic modeling including 1D and 2D models, sediment transport, and unsteady flow.
- Possess excellent technical writing and presentation skills.
- Possess technical knowledge in stream assessment, ecosystem processes, and geomorphic processes.
- Familiar with GPS, surveying (total station, RTK-GPS), and other field equipment, and maps.
- Proficient in the use of current versions of AutoCAD drafting software; GIS software familiarity desired.
- Experienced performing engineering analysis and calculations (scour, sediment transport, log stability, hydraulics)
- Contributes to and leads business development activities (networking, developing scopes of work, leading or assisting in developing proposals, participating in presentations, etc.)
- Actively maintains appropriate licensures and certifications.
- Proactively seeks opportunity for continuing education and presents project work at industry events.

## Supervisory Responsibilities

- Conduct project and personnel management responsibilities in accordance with the organization's policies and applicable laws.
- Manage project tasks and provide insightful recommendations to project teams.
- Train and mentor team members on methods and details of projects.
- Ensure work is conducted safely and team members use proper personal protective equipment.
- Oversee several work sites and travel extensively, when needed, to and from project sites.
- Manage project scope, schedule, and budgets to meet contract requirements.

## Competencies

- Analytical - Synthesizes complex or diverse information; Collects and researches data; Uses intuition and experience to complement data; Designs work flows and procedures.
- Problem Solving - Identifies and resolves problems in a timely manner; Gathers and analyzes information skillfully; Develops alternative solutions.
- Technical Skills - Strives to continuously build knowledge and skills; Shares expertise with others.
- Communication - Listens and gets clarification; Responds well to questions; Participates in meetings. Writes clearly and informatively; Varies writing style to meet needs; Presents technical data effectively.
- Managing People - Fosters quality focus in others; Improves processes, products, and services.
- Quality Management - Looks for ways to improve and promote quality; Demonstrates accuracy and thoroughness.
- Judgment - Exhibits sound and accurate judgment; Supports and explains reasoning for decisions; Makes timely decisions.

- Quality - Demonstrates accuracy and thoroughness; Monitors own work to ensure quality.
- Adaptability - Adapts to changes in the work environment; Able to deal with frequent change, delays, or unexpected events.

## Computer Skills

To perform this job successfully an individual should have knowledge of AutoCAD software, H&H modeling software, spreadsheet software, and word processing software.

## Work Environment

The work environment characteristics described here are representative of those encountered while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee may be exposed to weather and outdoor conditions. Field work is required. The employee should be comfortable in the outdoors and able to hike in rough conditions. The employee is occasionally exposed to wet and/or humid conditions, unstable ground, hillslope environments, and extreme cold and extreme heat. Must be able to lift 50 pounds. The noise level in the work environment is usually moderate. Periodic travel to project sites and other offices may be required including the geographic range of Oregon, Washington, Idaho, Montana, Alaska, and California.

## To apply

Send cover letter and resume to [mwolfe@wolfwaterresources.com](mailto:mwolfe@wolfwaterresources.com).