



## Job Advertisement:

# PROFESSIONAL ENGINEER

### Company:

**Wolf Water Resources, Inc.**

### Location:

**Portland, Oregon**

### Schedule:

**Full-time**

### POSITION SUMMARY

Wolf Water Resources, Inc. (W2R) is seeking a civil or water resources Professional Engineer (PE) to join our team in Portland, Oregon as a full-time employee. As a multi-disciplinary firm, our engineers work closely with ecologists, geomorphologists, and hydrologists on assessments, designs, permitting, implementation, and monitoring on ecosystem restoration projects. This position will support a wide range of stream and floodplain restoration and fish passage projects.

Our engineers have the opportunity for a well-rounded work experience involving CAD design, H&H modeling, survey, permitting coordination, and construction oversight. *A few examples* of project work include floodplain connectivity and stream corridor resiliency for aquatic species ecosystem enhancement, innovative stormwater/sewer retrofits/construction, critical bridge replacement, levee modification, and dam removal. Work commonly involves engineered log jams and other wood structures, as well as low-tech approaches (e.g., beaver dam analogues) to improve spawning and rearing habitat for salmonids and for the protection of streambanks and infrastructure.

We work primarily in the Pacific Northwest for governments, utilities, tribal organizations, levee/drainage districts, watershed and fisheries enhancement groups, transportation agencies, consultant firms, and other entities. We also work in Hawaii and internationally for unique projects. The ideal candidate will possess project leadership experience and will be motivated, energetic, and easily interface with our clients and other project consultants.

### ESSENTIAL QUALIFICATIONS:

- Minimum 4 years of experience working in engineering design.
- Experience preparing plan documents, specifications, and creating topographic surfaces using AutoCAD Civil3D.
- Proficient in the use of current versions of AutoCAD Civil 3D drafting.
- Licensure in Oregon and Washington will be required; licensure in other states is a plus.
- Comfortable with providing internal training to staff.
- Valid driver's license, including a good driving record and ability to meet company insurance requirements.
- Proficient in writing technical reports.
- H&H modeling experience using HEC-RAS (1D and 2D).
- Comfortable in conveying technical information to clients and project partners and in a way that is collaborative and easy to understand.

### ABOUT W2R:

Do you appreciate ecological uplift and recognize how it can also benefit people?

Wolf Water Resources (W2R) specializes in watershed science and engineering to build landscape resiliency for fish, wildlife, and people. Our work takes place in the rivers, floodplains, and wetlands within urban areas and remote wilderness. By *working with nature and partnering with people*, we recognize *how* we work is as important as *what we do*.

### CORE VALUES:

W2R is a place where people can authentically engage in work that uplifts nature and humanity. Meaningful career advancement within our company is built on continual learning and innovation as a team, rather than conventional hierarchies or a career ladder. We learn from each other's perspectives and share our knowledge with our client and consultant community.

### COMMITMENT TO EQUITY:

Cultivating an inclusive workplace requires ongoing and consistent work, and W2R is diligently working towards more diverse collaborations in our industry. We encourage job seekers of all races, creeds, sexual orientations, backgrounds, and personal viewpoints to apply for this position.

## DESIRABLE QUALIFICATIONS:

In addition to the essential qualifications listed above, the qualifications below are desirable.

- Topographic survey experience using total stations, handheld spatial data collectors, and RTK GPS.
- Experience in stream survey for design and construction.
- Proficiency in ArcGIS software .
- FAA licensure and UAS (drone) survey and photogrammetry experience.

## DUTIES AND RESPONSIBILITIES:

- Serve as lead design engineer for 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.
- Accurately generate project schedules, budgets, and scopes of work.
- Lead technical aspects of proposals
- Skillfully lead the preparation of plans, cost estimates, and specifications; perform construction oversight as required.
- Complete hydrologic and hydraulic modeling including 1D and 2D models.
- Demonstrate technical writing and presentation skills.
- Familiar with GPS, basic 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)
- Actively maintains appropriate licensures and certifications.
- Proactively seeks opportunity for continuing education and presents project work at industry events.
- Train and mentor team members on engineering 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.
- Work effectively in a team environment.

## BENEFITS

W2r offers comprehensive benefits to enhance your quality of life, help support your family, and assist you in achieving your personal and professional goals. Our employees enjoy competitive salaries; medical, dental, vision, life and disability insurance; a 401(k)-retirement match that is 100% vested immediately; Paid Time Off (PTO) and paid holidays; support for professional registration and/or certification fees; and much more.

## WORK ENVIRONMENT

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

- It is expected that W2r staff perform field work (e.g., during early project stages through the construction phase). The candidate should be comfortable outdoors and able to hike and carry equipment in a variety of weather and terrain conditions (e.g., densely vegetated, wet and/ or humid conditions, snow or ice conditions, unstable ground, hillslope environments, and extreme cold or heat).
- The employee must be able to lift 50 pounds.
- The noise level in the work environment is usually moderate.
- Travel to project sites in various regions of Oregon and Washington will be expected.

## TO APPLY

Please prepare a thoughtful cover letter to describe your interest in the position and desire to become an integral member of our team. Please email your cover letter and resume to Curtis Loeb at [cloeb@wolfwaterresources.com](mailto:cloeb@wolfwaterresources.com)