



Job Advertisement:

ENGINEER IN TRAINING

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 Engineer-In-Training (EIT) 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 in urban and in rural locations.

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 be motivated and easily interface with our internal teams, clients, and project consultants.

ESSENTIAL QUALIFICATIONS:

- BS degree in civil, water resources, or ecological engineering.
- 0 - 4 years of experience working in a field of engineering.
- Experience using AutoCAD with the Civil3D design package is requisite; experience using Microstation and OpenRoads computer programs is a plus.
- Hydrologic and hydraulic modeling experience using HEC-RAS (1D and 2D).
- Proficient in writing technical reports.
- Familiar with GPS, topographic/bathymetric surveys, and basic field equipment and maps.
- Experienced performing engineering designs and calculations (distance/area/volumetric analysis, quantity calculations, unit analyses), scour analyses, sediment transport analyses, log stability analyses, and hydraulics analyses are a plus.
- Experience preparing engineering design plans and specifications are a plus.
- Valid state driver's license; occasional travel may be needed for project visits or in-person meetings.

ABOUT W2R:

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

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:

- 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.
- Strong technical writing and presentation skills.
- Knowledge of codes, design, and construction practices.

DUTIES AND RESPONSIBILITIES:

- Serve as a support engineer for projects; develop plansets, cost estimates, and specifications for conceptual, preliminary, and final level design iterations for small, medium, and large projects.
- Complete hydrologic and hydraulic modeling including 1D and 2D models.
- Proficiently use current versions of AutoCAD drafting software.
- Perform engineering analysis and calculations (scour, sediment transport, log stability, hydraulics).
- Actively work toward engineering licensure and seek additional certifications, as needed.
- Proactively seek opportunities for continuing education and to present project work at industry events; support others in preparing presentations of work.
- Use GPS, basic field equipment, and maps.
- Train and work towards performing in construction oversight.
- Exhibit sound and accurate judgment; support and explain reasoning for decisions.
- Demonstrate accuracy and thoroughness; apply company protocols and tools for quality assurance and quality control of work processes and products and management of tasks.
- Ability to commute/relocate to Portland, OR 97214.
- Travel to project sites as needed.

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 is 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 AJ Jones at AJones@wolfwaterresources.com.