



## **WATER RESOURCES ENGINEER I**

HydroSolutions, Inc. (HydroSolutions) seeks an entry level water resources engineer to join our team. This is a full-time position located in either our Helena or Billings, Montana office.

HydroSolutions is a small, second-generation family-owned water resources consulting firm. We seek to stay close to our roots as scientists and engineers by working on interesting and challenging water resources projects, many of which require a deep understanding of fundamental scientific and engineering principles as well as creativity in problem solving. Our small size allows us to carry out our work in a close-knit and personal atmosphere with minimal bureaucracy that we believe stands out in comparison to our larger competitors. True to these principles, our Helena and Billings offices are both located in unique and comfortable historic former houses.

If you are smart and motivated, meet the qualifications below, and these company traits resonate with you, we would love for you to apply.

### **Job Description:**

This is an entry-level professional level position that will work under the supervision and mentorship of a senior engineer. Incumbent will be responsible for providing engineering related services and technical hydrologic analysis to serve our clients and support HydroSolutions' mission. Work will primarily be focused on water resources projects throughout Montana. Duties of this position will include but are not limited to:

- Assist in completing design calculations, preparing design reports, and developing project plans and specifications related to:
  - Public water supply engineering and permitting
  - Groundwater development (wells and springs)
  - Water treatment
  - Stream restoration & permitting
  - Hydrology and hydraulics
  - Agricultural irrigation
  - Groundwater dewatering
  - Environmental remediation, contaminated site cleanup
- Field work such as observation and documentation of site conditions, data collection using various electronic instruments and associated computer/tablet interfaces, mapping using high-accuracy GPS equipment.
- Keep detailed records and prepare detailed notes documenting all field activities and observations.
- Collect a wide variety of standard hydrogeological, hydrologic, and environmental field data in a timely and accurate manner with limited oversight. Data collection tasks may include topographic elevations, execution of aquifer tests, lithologic logging of water supply and monitoring wells, water quality sampling, stream flow measurement, and environmental sampling of groundwater, surface water, soils, and air.
- Oversee subcontractors in the field. Document subcontractor work, and generally ensure subcontractors complete work in accordance with project plans.
- Efficiently and effectively conduct research in hydrologic and other relevant literature in support of projects and tasks.
- Assist senior staff in analyzing and interpreting hydrologic data and published literature.
- Prepare basic scientific reports for small projects at the direction of senior staff. As requested, assist senior staff on larger project reports by writing specified sections and/or preparing figures, maps and tables.



- Occasional travel required, potentially to small towns and rural areas. Travel requirements will vary with project needs but will likely fall in the range of two days to one week per month.

#### **Required Qualifications:**

- Bachelor of Science degree in civil engineering, environmental engineering, geological engineering, or related technical field.
- Engineering Intern / Engineering In Training (EI or EIT) registration
- An interest and aptitude for technical work specifically in the fields of water resources, hydrology, and hydrogeology.
- A robust desire for continual learning and professional development via mentorship from senior staff, strong research capabilities, and self-study.
- Attention to accuracy and detail, ability to meet deadlines.
- Excellent interpersonal skills, positive attitude, willingness to receive constructive feedback, and desire to grow under mentorship of senior staff.
- Strong computer literacy including proficiency in all MS Office software. Ability to quickly learn specialty professional software as needed.
- U.S. citizen or permanent resident.
- Valid state driver's license and safe driving record.

#### **Preferred Qualifications:**

- Proficiency with AutoCAD and ability to draft maps and plans
- Experience with hydrologic and hydraulic modeling
- Ability and interest in pursuing professional licensure
- Ability to read and understand engineering plans and specifications.
- Aptitude for conducting simple maintenance and field repairs on field equipment.

**Salary Range:** Starting base pay could be between \$25/hour and \$30/hour, depending on qualifications and experience.

**Benefits and Other Compensation:** We provide a comprehensive benefits package for full-time employees that promotes employee health, performance, and success. Benefits include medical, dental, vision, paid time off and parental leave, paid holidays, 401(k) retirement savings plan with employer match, performance-based bonus eligibility, and potential for end-of-year retirement fund profit share.

**Office Location:** Helena or Billings, Montana.

**Appointment Type:** Full-Time, in-office

**About HydroSolutions:** HydroSolutions is a Montana incorporated consulting firm focused on providing science and engineering services in support of water resources management. Our specialties include hydrology, groundwater (hydrogeology), water rights, environmental science, and field services in support of these disciplines. HydroSolutions was established in 1999, has offices in Billings and Helena, Montana, and serves clients throughout the Western United States.

HydroSolutions is proud to be a veteran-owned business. We are independent consultants with a long record of serving industry, ranch & agriculture, conservation groups, private individuals, and government. We employ an experienced staff of engineers, hydrologists, water rights specialists, GIS specialists, geologists, and field technicians. We emphasize quality, integrity, safety, and responsiveness on all our projects, regardless of size or complexity.

**Interested?** Email your resume to [info@hydrosi.com](mailto:info@hydrosi.com) and request a job application.