

PROJECT HYDROGEOLOGIST / SENIOR HYDROGEOLOGIST

HydroSolutions, Inc. (HydroSolutions) seeks a mid- to senior-level Hydrogeologist to join our team. This is a full-time position located in our 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 homes.

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 a professional level position responsible for providing hydrogeologic consulting to serve our clients and support HydroSolutions' staff. Work will primarily be focused on water resources projects throughout Montana. Duties of this position will include:

- Providing technical consultation for water supply planning, well design, well drilling and construction, source water protection, water rights, geologic and hydrogeologic investigations, aquifer testing and analysis, geologic and hydrogeologic mapping, contaminated site investigations, and development of conceptual site models.
- Analyzing and interpreting well testing data, model results, geophysical data, and hydrogeological data.
- Preparation of reports and supporting figures and tables.
- Planning, overseeing and participating in field investigations of groundwater, surface water, soils, and air.
- Field work such as oversight of drilling and well construction, field mapping, and environmental sampling of different media.
- Assisting in the preparation of water right applications through the Montana Department of Natural Resources and Conservation.
- Preparing permit applications through the Montana Pollutant Discharge Elimination System and Groundwater Pollution Control System.
- Preparing construction dewatering plans in accordance with engineering specifications.
- Conducting project and task management.
- Performing business development activities, including client outreach, proposals, client contact/presentations, and professional society participation.
- Occasional travel required, potentially to small towns/rural areas. Travel requirements will vary with project needs but will likely range from two days to one week per month.

Required Qualifications:

- Bachelor of Science degree in geology, hydrogeology, environmental science, civil engineering, or related technical field.
- Licensed as a Professional Geologist (Wyoming or Idaho) or Professional Engineer (Montana), or capable of obtaining licensure within 3 years of employment.
- 3+ years relevant work experience.
- Experience with field hydrological data collection including depth to groundwater measurement, lithologic logging of wells, aquifer testing, stream discharge measurement, and water quality sampling.
- A deep understanding of the theory and practice of physical hydrogeology.

- Experience with water well design and construction.
- Excellent and demonstrable communication, organizational, technical, and report writing skills.
- Ability to read and understand engineering plans and specifications.
- Ability to develop detailed approaches to accomplishing tasks within required timeframes based on general direction from Project Managers.
- Ability to work independently and to contribute work in a team environment.
- Accuracy and attention to details, ability to meet deadlines.
- Positive client interaction and work attitude. Willingness to incorporate constructive criticism and 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.
- Ability to perform aquifer test analysis using Aqtesolv or similar software.
- U.S. citizen or permanent resident.
- Valid state driver's license and safe driving record.

Preferred Qualifications:

- Experience practicing hydrogeology in Montana and experience with state regulatory agencies in Montana
- Master of Science degree in geology, hydrogeology, environmental science, civil engineering, or related technical field.
- Familiarity with groundwater chemistry, particularly as it relates to water quality standards and well performance.
- Experience with analytical and/or numerical groundwater modeling.
- Ability to conduct basic GIS analysis and prepare maps using ESRI ArcPro GIS software.
- Mining industry/minerals exploration experience.

Salary Range: Starting base pay could be between \$30/hour and \$40/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: Billings, Montana.

Appointment Type: Full-Time

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 and request a job application.