



Water Resources Engineer – St. Louis, MO

ABNA is seeking a **Water Resources Engineer** for our [Midtown St. Louis, MO](#) location. This person will provide senior technical support to senior staff and assist in production of water resources, water supply and treatment, and wastewater projects. Candidates will be individuals with a background in hydrology, hydraulics, water quality, and sediment transport. Special consideration will be given to candidates with experience with the municipal water/wastewater systems, and hydraulic modeling.

Responsible for ensuring the successful execution of design services may include the following tasks and duties:

- Performing studies and preparing engineering design documents on multiple projects
- Create and review technical specifications.
- Make estimates of probable construction costs.
- Develop reports, technical memos, and design studies.
- Prepare concept plans and grant applications
- Review Shop drawings and provide design support during construction.
- Clearly, communicate concepts and ideas with clients and construction personnel.
- Develop project proposals, scope, schedule, and man-hour estimates.

The chosen candidate must be capable of following instructions, but also be a self-starter. In addition to performing the above stated tasks, the candidate will also be responsible for field data collection, cost estimates, and CAD deliverables.

Requirements:

- 1-3 years of experience in water resources engineering
- Bachelors/Masters in Water Resources, Civil Engineering or related field demonstrated technical background in numerical hydraulic modeling a plus
- EI license a plus
- Experience with hydrologic modeling (e.g. HEC 2, HEC-HMS), open channel hydraulics (i.e. HEC-RAS, Mike11, etc), collection system modeling (i.e. HYDRA, XP-SWMM, EPA-SWMM, InfoWorks, etc), distribution system modeling (e.g. EPANET), 2D/3D hydraulic/water-quality/sediment-transport modeling (i.e. TABS, MIKE21, Mike3, EFDC, Tuflow, Flo-2D, etc) and CFD (Fluent or Flow3D)
- Familiarity with the requirements of the federal bridge scour program as they relate to midwest states
- Familiarity with Army Corp of Engineers permitting requirements
- A strong work ethic, proven leadership skills, and willingness to work in a team-based work environment
- We are looking for candidates with the ability to work in a highly flexible, team-oriented environment, who have exceptional communication, analytical and organizational skills able to assume the role as the lead engineer or as a design engineer supporting other lead engineers on large projects.

Success will be measured by: Commitment to quality and continuous improvement through innovation, creative thinking and improved results; along with the ability to establish and maintain cooperative and productive relationships with all employees, clients and other stakeholders.

Location: [St. Louis, Missouri](#)



Salary: Competitive & Commensurate with Experience

Opportunity to participate in 401k, medical, and other benefits after standard eligibility requirements are met.

Submission Requirements:

- Interested candidates e-mail resume to jobs@abnacorp.com for immediate and confidential consideration.
- Qualified candidates will be contacted for an interview. No phone calls, please.
- Applicants only.
- Recruiters – do not contact this employer.
- Job Type: Full-time