

PROJECT MANAGER – WATER RESOURCES RALEIGH, NORTH CAROLINA

McGill Associates is a consulting engineering firm offering multidisciplinary services in North Carolina, Tennessee, and Virginia. We serve municipal and private clients with a focus on water/wastewater, civil site design, and environmental services. We are currently seeking highly motivated candidates for a Project Manager with experience in Water Resources in our Raleigh, North Carolina office.

The Water Resources Project Manager position is an experienced level position that requires a broad understanding of hydrology and hydraulics as it relates to civil engineering, how the two interface with private and public clients and how to manage water resources projects. This position is expected to initially have specialized knowledge and experience in 5 or more key practice areas and the ability to independently accomplish project level work with a minimum of supervision. This position is expected to have an understanding of the flow of civil engineering projects across teams and the ability to integrate their knowledge and skills where needed to improve project efficiency and manage the water resources components of the project to meet schedule and budget. This position is expected to have a strong working knowledge and experience in preparing project scope and budget proposals and the ability to communicate project needs with clients. This position is expected to mentor junior staff members. The Water Resources Project Manager will work independently and directly with the engineering, environmental, landscape architecture and surveying groups within the firm to facilitate a broad range of projects. The Water Resources Project Manager will report the Director of the Water Resources.

Essential Duties and Responsibilities

The Project Manager (PM) plans, coordinates and directs design activities to ensure goals and objectives of all projects are accomplished within the prescribed scheduling, budget and funding parameters. He or she may be involved directly in design of projects including signing and sealing documents as the responsible engineer in charge. The PM is responsible for developing project scope, fees for services, negotiation of contracts for agreements of engineering services, project budgeting, project scheduling and client communication. He or she works across disciplines to secure surveying, electrical engineering assistance and necessary design assistance from other design groups within McGill Associates. He or she may also coordinate required assistance from outside consultants. The PM ensures that required internal quality control is applied to each project from conceptual planning through final design. The Project Manager interfaces with clients on a regular basis to ensure the highest level of client satisfaction and to help identify and develop future business opportunities. The PM may assist in the development and delivery of proposals and presentations.

This position is a leadership position. Within the first year of employment, the Water Resources Project Manager position must be well versed in a broad range of water resources services and have demonstrated proficiency in at least 5 of the following practice:

- Assist the Director of Water Resources (DWR) to manage all facets of projects from start to finish and ensure our services meet a high standard of quality
- Assist the DWR to manage contracts, project scope, progress reporting, schedule, resources, and project budgets
- Ability to provide consulting guidance to Project Engineers and clients regarding local, State and Federal regulatory floodplain issues in NC, SC, VA and TN
- Demonstrate a strong understanding of fluvial geomorphology principles and natural stream design

- Demonstrate a strong working knowledge of stormwater management regulations and planning including WQ BMP design
- Demonstrate a high competency level in multiple of the following disciplines including hydrology, hydraulics, floodplain management, master planning, GIS, stormwater design, steady state and dynamic modeling, automated modeling and mapping, water quality modeling, and watershed assessments
- Demonstrate a strong working knowledge in the application of ArcGIS in automated modeling and mapping
- Demonstrate a strong working knowledge in HEC-RAS and HEC-HMS, SWMM, or similar one and two-dimensional models

Minimum Education and Licenses

- Minimum of a Bachelor's degree (MS preferred) 8-10 years of experience in civil engineering, environmental engineering or related field with focus on hydrology and hydraulics and a demonstrated proficiency in at least 5 of the key practice areas listed above
- PE License in North Carolina or ability to obtain within 6 months
- Knowledge of FEMA or state level flood mapping considered a plus
- Floodplain Manager Certification (CFM) is a plus
- Strong written and verbal communication skills, including the ability to produce high quality written reports and oral presentations
- Strong project management and time management skills with the ability to oversee significant, multiple, and simultaneous projects
- Strong interpersonal skills
- Demonstrated understanding of ecological principles with analytical skills to solve complex problems
- Proficiency in Microsoft Office Suite, AutoCAD LT, ArcGIS, GPS data collection

- Proficiency in Civil 3D is a plus
- Ability to complete project tasks on time and within budget

Physical Demands

- Frequently required to sit, talk, and hear
- Occasionally required to stand and walk
- Reach with hands and arms
- Use hands to finger, handle, or feel objects, tools, or controls
- Frequently lift and/or move 25 pounds
- Occasionally lift and/or move up to 50 pounds

How to Apply

To apply, please email a resume to recruiting@mcgillengineers.com. Please list "Project Manager – CORWRS" in the subject line of your email.

McGill Associates does not discriminate with respect to any term or condition of employment based on race, color, religion, sex, national origin, age, actual or perceived disability, veteran status or any other criterion prohibited by law, and takes pride in its vigilant compliance with all laws pertaining to unlawful discrimination in employment. McGill Associates is committed to providing a Drug-Free Workplace.