

**R. G. MILLER ENGINEERS, INC.**  
**Houston, Texas**

**ENVIRONMENTAL SCIENTIST / GIS ANALYST JOB POSTING (DEC 2017)**

**Overview of Position:**

An early-career environmental scientist (ecology, wetlands, biology, or similar field) with R. G. Miller Engineers, Inc. you will assist our growing sustainability and environmental engineering practice help our clients comply with the Clean Water Act and the Endangered Species Act as well as assist with planning and design assignments related to the development of infrastructure and land development projects. You will serve as a key team member, building upon your expertise in botanical, wetland, or wildlife, and/or familiarity and experience with regulatory permitting. If you're up for the challenge, we've been looking for someone just like you. Join our team and help us grow.

You will help develop and design data collection and evaluation efforts relating to water resources, wetlands, and threatened and endangered species, and utility infrastructure. You will apply scientific techniques, methods, procedures, and criteria in your work. You will collect both field and desktop data, evaluate data, and prepare reports, under the supervision of senior engineers and scientists with over 25 year of experience. You will exercise your own judgment to complete work assignments and you will apply standard scientific techniques, methods, procedures, and criteria to project related data and materials.

You will use geographic information systems (GIS) skills and tools to assist with asset management activities, infrastructure planning, permitting, spatial analysis, and mapping. You will conduct field survey work to acquire the location, characteristics, and conditions of utilities, infrastructure facilities, and environmental features. You will prepare maps and make presentations to utility district boards and engineers regarding utility asset conditions and rehabilitation needs.

You will use knowledge of statistics and relevant computer software to conduct quantitative analysis of data, graphing, statistical tests, and hypothesis testing. You will prepare reports and exhibits to present the results of data collection and analysis efforts under the supervision of a more senior staff person or manager.

You will have the opportunity to work on projects for clients as diverse as regional flood control agencies, county and city governments, statewide departments of transportation, private land developers, and local water districts and water utilities.

You will travel around the state of Texas and conduct field data collection and site assessments and meet with clients and partners from 5% to 20% of your time. You will deepen your working knowledge and experience with environmental laws and regulations, local infrastructure planning and design requirements, and benefit from senior staff mentorship.

You will assist senior staff in preparing scopes, costs, and schedules for project work.

This position will be supervised by a senior environmental engineer (70%) and a senior GIS practitioner (30%).

**Qualifications:**

- Three years of work experience plus a Bachelor's of Science degree from an accredited college or university in a science field such as biology, chemistry, environmental science, ecology, wildlife management, or similar field  
OR  
One year of work experience plus a Master's of Science degree from an accredited college or university in a science field such as biology, chemistry, environmental science, ecology, wildlife management, or similar field
- Must be proficient in Microsoft Office Suite Programs
- Must be proficient in use of Environmental Systems Research Institute, Inc. (Esri), geographic information system (GIS) software
- Must be familiar with global positioning systems and other digital field data collection equipment
- Must be proficient in the use of statistical analysis software
- Must be knowledgeable of scientific principles
- Must possess excellent time management skills, and be able to complete assigned tasks within deadlines
- Must be able to work independently, as well as part of a team
- Must possess excellent verbal and written communication skills
- Maintain a professional appearance and behavior
- Must be well organized and detail oriented
- Must be capable of lifting, moving, and carrying 40 pounds unaided.
- Must be capable of moving across uneven terrain, steep slopes, and through heavy vegetation to support field data collection efforts in undeveloped areas
- Must have 20-20 eyesight with or without the use of corrective lenses

**About R. G. Miller Engineers**

A career at R. G. Miller Engineers, Inc. is an opportunity to grow and work along-side a peer group of industry leaders in Environmental and Civil Engineering. We are a multi-disciplined, employee-owned engineering firm that recognizes and values the contribution of everyone as a vital part

of the overall success of our firm. RGME employees receive ongoing training, support, and resources so they can realize their full potential.

We were established in 1966 as a civil engineering firm in Houston. Today, after more than 50 years of operations, we are led by Jack Miller, the son of the original founder. We employ about 80 people and maintain a single office with a relaxed family culture with a get it done attitude. We are expanding our environmental and sustainability practice as well as our planning and asset management offerings and you can be part of this growth!

Benefits include:

- 4.5 day work week
- In-house training programs
- Employee Events and Outings
- Community Volunteer Opportunities
- Medical insurance
- Cafeteria program / Flexible spending account
- Dental insurance / Life Insurance / 401 (K) plan with match
- Short/Long disability provided by the company
- Employee Stock Ownership Plan (ESOP)
- Employee Assistance Program (EAP)
- Paid Time Off / Holiday

**For Additional Information:**

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