

## **Environmental Technician**

Work Location: **Springfield, Illinois**  
Job: **Full-Time**, Salary based on experience and qualifications  
Travel: **20 - 30%**  
Contact: **CV and cover letter to [info@northwaterco.com](mailto:info@northwaterco.com)**

### **About Northwater:**

Founded in 2010, Northwater Consulting International is a small and growing business consisting of geoscience and water resources experts. Northwater is recruited to work all over the world; about 50% of our efforts are in the US and Canada and the remainder in developing nations. We apply a mobile, flexible and efficient business model and are seeking a candidate to join our professional team and grow integrally with us. Candidate should possess professional and personal goals to develop as a motivated expert by supporting multi-disciplinary projects.

### **Description of Position**

This position will support water quality, hydrology and watershed management projects predominately in the Midwest US. Depending on experience and competencies, there are opportunities for travel elsewhere in the United States and globally. Candidate must have an educational and professional foundation that includes GIS, water quality, hydrology and watershed processes. Within several months, it is expected that the candidate will contribute meaningfully and profitably to projects with monitoring, mapping and data analysis components. In this role you will work closely with technical experts both internally and externally. Candidate must have the motivation to learn, grow professionally and work independently. Projects often require travel assignments that range from 1-2 days to several weeks.

The duties and responsibilities of this position will be multi-disciplinary and diverse. Some primary responsibilities are outlined below:

- Responsible for water quality, hydrology and hydrogeology field monitoring programs and field data acquisition.
- Manage monitoring and scientific equipment, including installation/deployment, calibration, maintenance, troubleshooting etc.
- Manage large datasets from monitoring programs, perform data analysis, and reporting.
- Perform watershed inventories and assessments requiring field surveys and GIS analysis.
- Assist with the development of watershed plans and scientific consulting reports: Writing report sections, drafting maps, plots, tables and other figures.

### **Desired Qualifications**

- Bachelor's degree in environmental science, water resources, geosciences, ecology or related discipline.
- Experience with water quality and hydrology monitoring and installing/maintaining scientific instruments.
- Demonstrated reporting and data analysis skills.
- Software competencies: GIS, MS Excel, MS Access (statistical programs such as R and Matlab are a strong plus).
- Ability to manage, organize and analyze tabular and geospatial datasets.
- Knowledge of best management practices (BMPs) to reduce nonpoint source pollution.
- Some experience working with watershed stakeholders, and farmers in the Midwest.

- Strong verbal and technical writing and communication skills required.
- Comfortable presenting to stakeholders and clients.
- **Responsive**, capable of working independently and with a diversity of team members. Must be able to handle multiple tasks, often with competing priorities and work long hours when required.
- Candidate must have a positive attitude, be flexible and self-motivated, and pay spectacular attention to detail.