



## **Staff Hydrologist**

### **General Overview**

This entry-level Staff Hydrologist performs routine hydrological work. Work involves stream and lake water quality monitoring, accurate documentation of activities, data analysis, preparation of reports, maintenance of records, ensures adherence to strict Quality Assurance-Quality Control standards, applicable statutes and regulations, and other related work as assigned. The Staff Hydrologist works under moderate supervision, with limited latitude for the use of initiative and independent judgment. The position is located at San Angelo, Texas.

### **Examples of Work Performed**

- Collects and analyzes water samples as part of field investigations and/or routine monitoring.
- Collects and records hydrological data, analyzes findings, performs data calculations, and documents activities.
- Ensures that work complies with laws, regulations, project QAQC requirements and specifications and adheres to UCRA stream and lake monitoring protocols.
- Maintains and prepares records and assists with technical evaluations and presentation of results.
- Prepares and/or assists with the preparation of technical papers, permits, and reports.
- Assists with quality control validation of monitoring data.
- Operates and maintains monitoring and sampling equipment and ensures compliance with maintenance and calibration protocols.
- Assists with special studies such as complaint response, field surveys, hydrogeological investigations.
- Assists in studying public water supply issues, including flood and drought risks and mitigation, water quality, wastewater, and environmental impacts.
- Assists with preparation of grant applications.
- Assists with implementation of grant project deliverables and contractual obligations and ensuring that due dates are met.
- Performs related work as assigned.

### **General Qualification Guidelines**

Graduation from an accredited four-year college or university with major course work in hydrology. Degrees in engineering, geology, chemistry, biology, natural resources, and environmental studies, or other relevant fields may be substituted for a hydrology degree.

Experience in hydrological work preferred.

### **Preferred Knowledge, Skills, and Abilities**

- Knowledge of hydrological principles, techniques and procedures
- Knowledge in the practical application of hydrology and water quality monitoring
- Knowledge on the use and maintenance of monitoring and sampling equipment
- Knowledge of Quality Assurance and Quality Control principles
- Knowledge of mathematics and statistics
  
- Skill in scientific data management
- Skill in collecting and assessing hydrologic data

- Skill in use of computer and Microsoft Office
- Skill in use of GIS software
- Skill in the accurate documentation and reporting of field activities
  
- Ability to communicate well with staff
- Ability to work in extreme hot and cold conditions and wet, rainy conditions
- Ability to carry sampling and flow monitoring supplies and equipment while traversing uneven, rocky, wet, slippery, muddy terrain
- Ability to lift 60 lbs.
- Ability to communicate with landowners and respect landowner property
- Ability to operate a vehicle pulling a boat trailer and operate motorized boat on the water
- Ability to follow through, overcome obstacles and meet objectives

### **Equal Opportunity Employer**

The Upper Colorado River Authority (UCRA) provides equal employment opportunities and a work environment free of discrimination and harassment. All employment decisions at UCRA are based on business need, job requirement and individual qualifications, without regard to race, color, religion, gender identity, national origin, age, disability, sexual orientation, genetic information, or veteran status in accordance with applicable federal and state legal requirements governing nondiscrimination in employment.

### **Application Period**

Opens Monday October 5, 2020

Closes Friday October 16, 2020

### **Applications**

Email Resumes (preferably PDF or Microsoft Word format) to Ellen Groth, [elleng@ucratx.org](mailto:elleng@ucratx.org)

No phone calls, please.