

## **SABINE RIVER AUTHORITY**

**BRANCH:**

Water Resources

**DIVISION:**

Environmental Services

**JOB TITLE:**

Biologist (Upper Basin Field Office)

**REPORTS TO:**

Natural Resource Management Director

**JOB PURPOSE:**

Conduct the collection of biological and water quality data for Conservation Agreements, Clean Rivers Program, water quality monitoring, pollution investigations, and other programs for the Sabine River Authority out of the Upper Basin Field Office.

**DUTIES AND RESPONSIBILITIES:**

Assist in development, implementation, and scheduling of the Water Quality Monitoring Program for the Sabine River Basin streams and reservoirs including special studies and other water quality projects under the supervision of the Natural Resources Management Director.

Conduct the daily operations of the Upper Basin Field Office.

Conduct the collection of water quality data as required and submit those samples to the ESD laboratory for biological, physical, and chemical analyses.

Operate and maintain all regular and special field equipment and instruments.

Conduct biological surveys for mussels, fish, turtles, aquatic plants, and benthic macro-invertebrates.

Conduct aquatic resource relocation projects.

Be well versed in Endangered species issues.

Conduct field investigations of pollution complaints and fish kills.

Prepare written reports as needed.

Conduct habitat assessments and habitat improvement operations.

Perform any other duties assigned by the Natural Resources Management Director or other management.

**EDUCATIONAL AND EXPERIENCE REQUIREMENTS:**

A minimum of a Bachelor of Science degree in a biological or environmental science or closely related field from an accredited college or university.

A minimum of one-year prior experience in a water quality analyses, water quality monitoring field work, biological surveys, or a combination of all.

Must be familiar with general ecological field and laboratory procedures.

Must be able to make unbiased observations and interpretations of analytical data.

Must have good scientific writing skills.

Must be able to perform minor maintenance on field instruments and equipment.

Must be able to swim, walk long distances, and safely lift at least 75 pounds waist high.

Must be certified in SCUBA diving. Experience in low visibility and adverse conditions is a plus.

Must be able to operate a boat with a motor including launching, loading, and unloading the boat.

Must be physically able to lift and carry the field equipment required for water quality sampling and field analysis.

Must be capable of communicating and relating positively to members of the general public and state agencies.

Must be proficient in Microsoft Office and have a good working knowledge of desktop computers in general.

Must have a valid Driver's License and a good driving record.

Must be willing and able to work flexible hours and during inclement weather.

**CONTACT:**

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