

SABINE RIVER AUTHORITY

BRANCH:

Water Resources

DIVISION:

Environmental Services

JOB TITLE:

Laboratory/Field Analyst

JOB PURPOSE:

The Laboratory/Field Analyst is responsible for performing biological and chemical analyses of drinking water, wastewater, and stream samples submitted to the Water Quality Laboratory and conducting the collection and field analyses of surface water samples for the water quality monitoring programs.

REPORTS TO:

Lower Basin Field Coordinator and ESD Managers/Technical Manager

DUTIES AND RESPONSIBILITIES:

Perform water quality analyses under the direct supervision of the Technical Manager.

Keep accurate, legible records of data generated.

Prepare reagents and standards according to standard operating procedures.

Prepare glassware and any other apparatus necessary to perform analyses.

Calculate and post analytical results and enter data into the ESD LIMS in accordance with standard operating procedures.

Reports any questionable data to the Technical Manager or the QA Officer.

Operate and maintain applicable laboratory and field equipment and assist with troubleshooting.

Participate in quality assurance and safety programs as required.

Assist in receiving samples submitted to the laboratory for analysis.

Collect water samples as required for biological, physical and chemical analyses.

Conduct field analyses and record observations of water quality conditions under the direct supervision of the Lower Basin Field Coordinator.

Assist in the planning and implementation of special water quality projects.

Participate in ongoing field training, which may include travel.

Perform any other duties assigned by management.

EDUCATIONAL AND EXPERIENCE REQUIREMENTS:

- A minimum of a bachelor's degree in chemistry, biology, environmental science, or a related field from an accredited college or university is preferred.
- Knowledge of field and laboratory procedures and microbiological principles and techniques for the analysis of water and wastewater samples is highly desirable.
- Must be able to make unbiased observations and interpretations.
- Must be able to perform minor maintenance of lab instruments and field equipment.
- Must be proficient in Microsoft Office and have a good working knowledge of desktop computers in general.
- Aptitude for precise work and detailed record keeping with good organizational skills.
- Must be physically able to lift and carry approximately 15 lbs.
- Must be able to operate a boat with a motor, including launching, loading, and unloading.
- Must be able to swim.
- Must have a valid Driver's License and a good driving record.
- Must be capable and willing to perform assigned tasks without close supervision and work flexible hours. Must be able to work during inclement weather.

CONTACT:

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