GARLAND
TEXAS MADE HERE

CHEMIST

Summary

Responsible for basic analysis of water and wastewater samples for inorganic contaminants and for determining process efficiency and protocol compliance of water and wastewater treatment plants. Also, responsible for monitoring effluent discharges of industrial companies.

Essential Duties and Responsibilities *include the following. Other duties may be assigned*.

1. Analyze water and wastewater samples from industrial users and treatment plants for inorganic, organic and microbiological contaminants.
2. Determine if EPA/TCEQ/NELAP quality control/assurance standards were followed per method acceptance criteria and make qualified judgments regarding data analysis parameters.
3. Generate process and compliance data reports for all customers and regulatory agencies.
4. Maintain instrument reliability by performing routine preventative maintenance.
5. Maintain and update application database for testing results and compliance reports.
6. Write and prepare standard operating procedures for the laboratory.

Minimum Qualifications

- Bachelor's Degree in Biology, Chemistry, Biochemistry or related area
- 2 years related experience
- Up to1 year experience with National Environmental Laboratory Accreditation Program (NELAP)

Preferred Qualifications

Education/ Experience:

- 2-4 years experience in inorganic sample testing

Knowledge, Skills & Abilities:

- Comprehensive knowledge of laboratory instrumentation theory
- Comprehensive knowledge of TCEQ and NELAP drinking water standards
- Comprehensive knowledge of TCEQ, NELAP and EPA quality assurance standards
- Skill in operating appropriate application database
- Skill in utilizing various laboratory equipment and testing software
- Ability to work independently with little to no supervision
- Skill in Microsoft Office (Excel and Word)

Licenses and Certifications

- None

Physical Requirements / Work Environment

The incumbent works in a laboratory environment; frequent exposure to unpleasant environmental conditions or hazards.