



Job Description: Lab Technician

Salary Range: \$18.00/hr. - \$28.00/hr. D.O.Q.

FLSA: Nonexempt

SUMMARY OF POSITION

Performs any combination of routine laboratory tasks such as following: Collects samples of plant influent, partially treated water/wastewater, sludge, effluent, and other byproducts. Assembles instruments and equipment for analytical or research work. Prepares chemical, stains, reagents, and test solutions routinely used in laboratory. Operates equipment and conducts tests as directed. Maintains test result records, prepares data sheets. Prepares or assists in preparation of reports. Cleans, maintains, and stores instruments and equipment. Maintains inventory and orders supplies. Performs custodial duties in laboratory.

ORGANIZATIONAL RELATIONSHIPS

1. **Reports to:** Senior Lab Technician; also receives direction from Superintendent and Senior Lab Tech.
2. **Directs:** This is a non supervisory position.
3. **Other:** Has contact with other District employees and occasional contact with engineers, equipment representatives and the general public.

EXAMPLES OF WORK

Essential Duties

Perform physical tests and analyses of raw and treated water/wastewater and byproducts to determine efficiency of plant processes and ensure that plant effluent meets local, state, and federal requirements. Assembles data, maintains records and prepares periodic reports. Must be able to lift and maneuver 25 pounds.

OTHER IMPORTANT DUTIES

Knowledge of basic principles of chemical, physical, and bacteriological examination and treatment of water/wastewater, sludge, effluent and by-products, safety procedures and basic first aid; Knowledge of standard laboratory principles, technology, and equipment.

for the purpose of compliance with the American With Disabilities Act (ADA)
This job description does not take into account potential reasonable accommodations.

REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES

Reasoning: Apply principles of logical thinking to define problems, collect data, establish facts, and draw valid conclusions. Interpret an extensive variety of technical instructions, in books, manuals, and mathematical or diagrammatic form. Deal with several abstract and concrete variables. Mathematical: Perform ordinary arithmetical, algebraic, and geometric procedures in standard, practical applications. Two years experience in operations, depending on education and size and complexity of plant.

Skill/Ability to: work under general supervision; follow oral or written instructions; perform precise work requiring exacting measurements, placement, removal, and/or correction; Operate delicate and precision equipment; tolerate outside working conditions, including exposure to adverse weather conditions; demonstrate proficiency in oral or written communication; establish and maintain effective working relationships with subordinates; and maintain appropriate necessary certifications, Texas driver's license applicable to job responsibilities, and good driving record.

ACCEPTABLE EXPERIENCE AND TRAINING

1. Associates degree in Chemistry or Biology
2. Two years of experience in operations

Any equivalent combination of experience and training which provides the required knowledge, skills, and abilities may also be accepted.

CERTIFICATES AND LICENSES REQUIRED

Appropriate Texas driver's license, high school diploma, college preferred. Have the ability to obtain Class C Certification from the Texas Commission on Environmental Quality within two years of employment; ability to obtain Lab Certification from the Texas Water Utility Association within two years of employment.

Applicant Signature

Superintendent Signature

Date