



## LABORATORY TECHNICIAN I

### DEFINITION

The successful candidate will be trained in all aspects of operating a water quality laboratory for bacteriological analyses and will have the opportunity to be introduced to the many programs of the Environmental Health profession, including drinking water, onsite sewage disposal, food safety, recreational health, solid waste, hazardous waste and vector borne disease control.

### EXAMPLES OF DUTIES

Duties may include but are not limited to the following:

- Operates a State certified drinking water laboratory for bacteriological quality
- Sets up water samples for bacteriological analysis utilizing the enzyme substrate method
- Read water sample results, record results and report test data to the appropriate person or agency
- Conducts annual lab proficiency tests to assure continuing lab certification
- Performs billing and tracking of payments
- Prepares State reports
- Maintain and adhere to the lab Quality Control Manual
- Advises customers on proper sample collection, hold times and sample preservation procedures
- Tracks lab inventory and prepares lab supply orders as necessary
- As time allows, may assist registered environmental health specialists with other program duties

### EMPLOYMENT STANDARDS

#### Education and Experience:

- High school graduate or equivalent
- Six months of employment performing laboratory work preferred
- College science curriculum preferred

#### Knowledge of:

- Routine laboratory testing techniques, terminology, equipment, and supplies, applicable State laws and regulations pertaining to Public Health Laboratories

#### Ability to:

- Perform complex laboratory procedures utilizing sanitary safe practices
- Understand and follow complex instructions
- Perform difficult record keeping and statistical clerical work accurately
- Adhere to strict confidentiality rules
- Work cooperatively with co-workers and others contacted in the course of work
- Ability to sit for prolonged periods of time
- Walk, stand, twist, squat, lift and carry up to 25 pounds
- Frequent telephone use



Special Requirements:

- Must possess a valid operator's license issued by the State Department of Motor Vehicles
- Must successfully complete a pre-employment background investigation