

Job Posting
Laboratory Technician

Department: Water Reclamation Facility	Pay Grade: 13
Reports to: Director	Hiring Salary Range: \$29,314 - \$36,643
FLSA: Non-Exempt (hourly)	Deadline to Apply: Until Filled

General Statement of Duties

Performs responsible technical work performing chemical and biological tests in a wastewater treatment plant laboratory necessary for the monitoring of effluent quality; participates in plant operations and maintenance as needed.

Distinguishing Features of the Class

An employee in this class collects samples, calibrates equipment, and performs a variety of chemical and biological tests designed to produce safe operation of domestic and commercial water and waste treatment. Work also includes maintaining a data base of laboratory results and information and the completion of necessary reports and maintenance of records and files. The employee is subject to hazards associated with wastewater and chemical work including exposure to electrical current, and chemicals, fumes, odors, dusts, mists, gases, and poor ventilation. Work with raw sewage may also be subject to the final standards of OSHA on blood borne pathogens. Work is performed under regular supervision and is reviewed for conformance to testing and reporting procedures and accuracy.

Essential Duties and Tasks

- Collects samples from a wide variety of locations in and around the wastewater plant including upstream and downstream; packages and prepares samples for contracted or in-house analysis.
- Performs a variety of standardized laboratory tests and analyses of wastewater, raw and treated water samples to determine efficiency of treatment.
- Prepares solutions and reagents and calibrates laboratory equipment.
- Interprets laboratory tests and prepares required reports; enters data into computer terminal.
- Maintains an inventory of chemicals, culture media, required forms, and other laboratory supplies.
- Performs quality control program on equipment and supplies to assure reliable test results; maintains laboratory equipment in proper operating order; performs known and unknown tests for state certification.
- Consults with, informs, and advises plant personnel about controls to be used, defects found, or changes in treatment process.
- Follows quality control procedures to ensure maintenance of state certified laboratory; participates in establishing standard procedures.
- Participates in plant operations and maintenance of building and grounds as needed or required.
- Performs related tasks as assigned.
- Ability to pull manhole covers and lift 50 lbs

Educational Requirements

Graduation from a community college with a degree in chemistry, biology, environmental science, or related field. Experience in laboratory and treatment plant operations experience; or an equivalent combination of education and experience.

Special Requirements

Possession of a valid North Carolina driver's license.

Ability to obtain Class I Wastewater Laboratory Analyst Certification within twelve months.