



Virgin Islands Waste Management Authority
Job Vacancy Announcement
Laboratory Technician II
St. Thomas

SALARY: \$42,983.00

DEADLINE: August 10, 2018

Laboratory Technician II - This is the journey-level class in the Laboratory Technician series. Positions at this level require demonstrated ability to perform a variety of routine physical, chemical, and bacteriological tests and analyses and may assist in performing the more complex analyses. Positions at this level require two years of laboratory experience, and possession of a Class II Wastewater Laboratory Certificate.

DUTIES AND RESPONSIBILITIES:

- Performs routine physical, chemical and bacteriological tests and required compliance monitoring, including, but not limited to: total suspended solids, volatile suspended solids, settleable solids, biochemical oxygen demand (BOD) and carbonaceous biochemical oxygen demand (CBOD), residual chlorine, pH, conductivity, turbidity in accordance with state and federal approved methods.
- Participates in the performance of bacteriological analyses, including, but not limited to, multiple tube fermentation technique and subsequent confirmatory tests, heterotrophic plate count, enterolert, quanti-tray and colilert.
- Operates a spectrophotometer to analyze components including, but not limited to, ortho phosphate, total phosphorus, nitrite, nitrate, and ammonia.
- Performs required Performance Evaluation (PE) studies.
- May perform microscopic analyses of algae in source water.
- Operates, calibrates, and maintains laboratory instruments and equipment used in laboratory analysis; performs daily, monthly, and quarterly quality control checks to ensure instruments are in good working condition and operating satisfactorily.
- Calculates, records and reports test results on appropriate forms and computer database, including quality assurance and quality control results; generates and reviews reports; maintains quality control logs and charts for various analyses; performs daily quality control checks.
- Assists with various sample collection events; labels and preserves samples; maintains sampling logs and chain of custody documents; performs on site testing, including temperature, pH, chlorine residual, dissolved oxygen, and flow.
- Prepares media, reagents, standard solutions, and sample bottles; cleans and washes glassware.
- Answers questions and assists co-workers in solving problems when doing routine testing.



- Maintains a clean and safe laboratory environment and performs work in accordance with prescribed safety regulations.
- Enters information into laboratory database.
- Recognizes and alerts supervisor of values outside the established limits in test parameters.
- Notifies appropriate staff of out of stock chemicals and/or equipment needed for laboratory or field work.
- Performs a variety of laboratory administrative duties, including copying and binding materials and reports.
- Loads, lifts, and moves various items, such as containers or automatic samplers.
- Performs interior and exterior general housekeeping duties to include, weeding, gardening; collecting and disposing of debris; emptying trash cans; washing down clarifiers and other plant equipment; cleaning-up minor spills and sludge splashing; removing floating debris from tanks, cleaning bar screens and hoppers; keeping walkways clear of obstruction and debris; painting; removing rust; dusting, sweeping, mopping and waxing of floors, washing windows, and setting up chairs for meetings.
- Laboratory Technician II may perform more complex analyses.
- Perform other duties as assigned.

EDUCATION AND EXPERIENCE:

- A Bachelor's Degree in Chemistry, Biology, or a closely related field from an accredited college or university and two years of laboratory experience.
- Must have a Class II Wastewater Laboratory Certification.
- A V.I. driver's license is required.

Submit a letter of interest along with a resume to:

Director of Human Resources
Virgin Islands Waste Management Authority
P.O. Box 1689
Kingshill, St. Croix 00851

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