

Class Concept

This is either technical and limited supervisory work in the direction of regional water or air monitoring programs, the direction of surveillance programs for the operation and maintenance of waste water treatment facilities, and the provision of technical advice to other regional personnel on any matters requiring knowledge of chemistry; or technical work in the review of hazardous waste processing and storage facility plans and operating procedures for permitting purposes.

In directing regional air or water monitoring programs, employees provide input into the establishment of new monitoring stations, provide training to monitoring technicians, schedule and review their work, and assure the accuracy of data collected. In directing the compliance surveillance program for wastewater treatment facilities, employees schedule inspections, train inspectors, and review-completed reports and recommendations for enforcement actions. Work is performed under the general supervision of an Environmental Program Supervisor.

In the review of hazardous waste storage and processing facilities, employees research, interpret and apply applicable standards, discuss discrepancies with facility operators or owners, negotiate settlements of disagreements and prepare reports recommending the issuance or denial of permits.

Recruitment Standards

Knowledge, Skills, and Abilities

- Considerable knowledge of the theoretical principles of analytical chemistry.
- Considerable knowledge of laboratory techniques, equipment and terminology.
- Considerable knowledge of industrial processes and their potential to pollute the environment.
- Considerable knowledge of the types and properties of waste products.
- Skill in performing a variety of standardized titration, extraction, purification and related manual procedures.
- Ability to conduct field investigations and to prepare accurate and concise reports.
- Ability to handle with tact, consistency and sound judgment the diversity of public contacts demanded in consultative services and enforcement.
- Ability to communicate effectively in oral and written form.

Minimum Education and Experience

Bachelor's Degree in chemistry from an appropriately accredited institution and two years of experience in the practical application of theoretical chemistry including one year in environmental work; or an equivalent combination of education and experience.

Note: This is a generalized representation of positions in this class and is not intended to identify essential functions per ADA.