

ENVIRONMENTAL CHEMIST

Job Code	Pay Grade
02480	CL18

Nature of Work

This is professional, technical and scientific work performing chemical, biological, microscopic and physical examination and laboratory analyses. Employees in this class exercise independent judgment, skill and initiative in the development and performance of scientific analyses and maintain accurate and comprehensive records. Duties include complying with federal, state and local regulatory guidelines.

Minimum Qualification Requirements

- 4 year college or university with major course work in chemistry, biology, microbiology or related field and 2 years experience in general laboratory analysis; or
- An equivalent combination of education, training and/or experience.

Appointing Authority May Also Require

- Florida Driver's License or Florida Commercial Driver's License and endorsement, if any.
- Assignment to work a variety of work schedules including compulsory work periods in special, emergency, and/or disaster situations.
- Other highly desirable knowledge, skills, abilities, and credentials relevant to a position.

Illustrative Tasks (These are examples and are not all inclusive.)

- Performs chemical and physical analysis of air and water samples and conducts acid deposition monitoring and analysis.
- Requisitions lab supplies and equipment and prepares and revises Standard Operating Procedures Manual for the laboratory.
- Devises and implements air and water monitoring control limits and reviews air quality field data.
- Devises audit procedures, schedules lab activities and prepares laboratory reports.
- Calibrates, maintains and operates assigned automated equipment.
- Performs related work as assigned or required.

Knowledge, Skills, and Abilities

- Knowledge and skill in laboratory principles, practices and techniques of chemistry and biology.
- Knowledge of air and water quality criteria.
- Knowledge of federal regulations pertaining to data validity, OSHA regulations, and recognized safe operating practices for laboratory work.
- Ability to make a variety of laboratory tests of air and/or water samples and prepare and standardize laboratory reagents.
- Ability to prepare comprehensive reports, interpret laboratory test results and conduct chemical and biological research of water and air quality.
- Ability to adjust, operate, select and maintain laboratory equipment.

For official use only

Revised	EEOC Code	Overtime Code
5/91	Professionals	Classified/Excluded