

DELAWARE SOLID WASTE AUTHORITY



JOB OVERVIEW

TITLE: ENVIRONMENTAL SCIENTIST

REPORTS TO:

MANAGER OF ENVIRONMENTAL MONITORING AND TESTING
ENGINEER

JOB CLASS: EXEMPT

LOCATION: VARIOUS

PURPOSE: The purpose of this position is to ensure that the Delaware Solid Waste Authority completes all necessary environmental monitoring and testing required by the permits that allow for the operation of the municipal solid waste landfills in the state of Delaware.

JOB DUTIES

ESSENTIAL TASKS:

Essential functions are fundamental, core functions common to all positions in the class series and are not intended to be an exhaustive list of all job duties for any one position in the class. Since class specifications are descriptive and not restrictive, incumbents can complete job duties of similar kind not specifically listed here.

- Manages the collection of environmental data.
- Analyzes collected data and compiles reports including data assessments.
- Conducts field investigations related to soil, ground water, surface water, leachate and landfill gas.
- Prepares, summarizes and reports on field investigations.
- Prepares monthly technical reports
- Prepares permit required written submissions.
- Performs field work related to environmental data.
- Responsible for the selection, procurement, installation, and maintenance of all environmental monitoring equipment.
- May responds to emergency calls.

ADDITIONAL DUTIES:

- Purchases safety equipment for field work as needed.
- Assists with oversight of construction
- Assists with semi-annual and annual reports.
- Performs other duties as assigned.

QUALIFICATIONS

EDUCATION, EXPERIENCE, AND SKILLS:

Graduation from an accredited college or university with a bachelor's degree in environmental science, chemistry, or biology or other related field of study. No experience required.

Must possess a valid driver's license and CPR and First Aid certification (Certification training provided by DSWA) , smoke school certification,

Knowledge of principles and practices of the environmental sciences. Knowledge of controlled sampling techniques. Knowledge of the methods, techniques and procedures of data collection and compilation. Knowledge of the concepts of mathematics, chemistry, biology and physical science. Ability to conduct field studies, tests, surveys and investigations based on environmental science principles and practices. Ability to research and interpret regulations. Ability to work with electronic data processing methods. Ability to compile, analyze and interpret statistical data. Ability to apply federal and state environmental laws, rules and regulations. Ability to communicate effectively orally and in writing.

Note: This is a safety sensitive position and requires drug testing as a condition of employment.

Physical Requirements:

This position requires standing, walking, sitting, reaching with hands and arms, stooping, kneeling, crouching, or crawling, talking or hearing.

This position may require lifting up to 50 pounds.

This position requires close vision (clear vision at 20 inches or less). Distance vision (clear vision at 20 feet or more). Color vision (ability to identify and distinguish colors). Peripheral vision (ability to observe an area that can be seen up or down or to the left and right when vision is fixed on a given point).

This position risks exposure to indoor environment, outdoor environment, noise, extreme temperatures, moisture and/or humidity, dust, fumes, gases, and explosive hazards.

SIGNATURES

I certify that this description is a true reflection of the major responsibilities, requirements, and duties of this position. This certification is made with the knowledge that the information is to be used for the purposes of selection, classification, appraisal, and compensation.

SUPERVISOR

DATE

I certify that this description is a true reflection of the major responsibilities, requirements, and duties of this position. This certification is made with the knowledge that the information is to be used for the purposes of selection, classification, appraisal, and compensation.

HUMAN RESOURCES

DATE

I have read this description and understand the major responsibilities, requirements, and duties of this position.

EMPLOYEE

DATE

Delaware Solid Waste Authority is an equal opportunity employer committed to achieving excellence and strength through diversity. The Authority seeks a wide range of applicants for its positions so that one of our core values, a qualified and diverse workforce, will be affirmed. Americans with Disabilities Act (ADA) compliance requires the Authority to provide reasonable accommodations to qualified individuals with disabilities. Prospective and current employees are invited to discuss accommodations.