

# DELAWARE SOLID WASTE AUTHORITY



## JOB OVERVIEW

**TITLE:** ENVIRONMENTAL TECHNICIAN I

**REPORTS TO:** ENVIRONMENTAL SCIENTIST  
LANDFILL GAS FOREMAN

**JOB CLASS:** NON-EXEMPT

**LOCATION:** VARIOUS

**PURPOSE:** The purpose of this position is to monitor and maintain the landfill gas system in accordance with standard operating procedures..

## 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.

- Monitors and maintains environmental protection and monitoring systems including but not limited to landfill gas, leachate collection, leachate recirculation, groundwater monitoring, surface water monitoring and air monitoring systems as required.
- Monitors and records data for daily header reads, wellhead reads, daily odor survey and surface monitoring, and complies and computes environmental and engineering data.
- Inspects operations of environmental protection and monitoring systems to evaluate system performance and identify potential malfunctions, and troubleshoots problems related to the functionality of the landfill gas system
- Responds to on-call alarms (24-hour) to identify and rectify the source of environmental protection and monitoring system alarms.

### ADDITIONAL DUTIES:

- Modifies landfill gas systems in accordance with system or landfill needs. Expands landfill gas system in accordance with plans. Repairs landfill gas system as necessary. Installs passive flares as required and may help out plant operators as required..
- Interacts with landfill operations as needed to assist in gas related projects in the construction of the landfill.
- Performs other duties as assigned.

## QUALIFICATIONS

### EDUCATION, EXPERIENCE, AND SKILLS:

Requires completion of a high school diploma. No experience required. Must possess a valid driver's license. Must possess First Aid and CPR certification. (Certification training provided by DSWA)

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

Knowledge of basic mechanics and heavy equipment.. Knowledge of department operations, services, and polices. Knowledge of basic office skills. Skill in systems monitoring and testing. Skill in maintaining gas system operation. Skill in Flare System Maintenance and operation. Skill in monitoring equipment and devices. Skill in applying the tools used in creating and modifying spreadsheets and database applications. Ability to operate motor vehicle and traverse rough terrain. Ability to perform basic mathematical calculations. Ability to work and communicate effectively orally and in writing.

### **Physical Requirements:**

This position requires standing, walking, sitting, gripping or feeling with hands, reaching with hands and arms, climbing or balancing, stooping, kneeling, crouching, or crawling, talking or hearing, tasting or smelling.

This position may require lifting of 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),depth perception (three-dimensional vision, ability to judge distances and spatial relationships),ability to adjust focus (ability to adjust the eye to bring an object into sharp focus).

This position risks exposure to outdoor environment, adverse weather conditions, noise, extreme temperatures, vibration, moisture and/or humidity, dust, fumes, gases, poor ventilation, electrical hazards, mechanical hazards, chemical hazards, explosive hazards, burn hazards, and potential for violence/physical altercations.

**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.*

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**SUPERVISOR**

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**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.*

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**HUMAN RESOURCES**

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**DATE**

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

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**EMPLOYEE**

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**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.*