

POSITION DESCRIPTION

Title: Landfill Gas Technician
Department: Solid Waste
Job Analysis: September 2020, **December 2020**

Note: Statements included in this description are intended to reflect in general the duties and responsibilities of this classification and are not to be interpreted as being all inclusive. The employee may be assigned other duties that are not specifically included.

Relationships

Reports to: Deputy Development & Environmental Director
Subordinate staff: None
Internal contacts: Solid Waste Department Staff
External contacts: ADEM Regulators/Inspectors, Engineers, Private Contractors, Vendors
Status: Classified/Non-Exempt (~~312~~ **315**)

Job Summary

Primary job function is the operation and maintenance of landfill environmental and control systems. Experience with operation and maintenance of landfill gas collection and control systems (GCCS) including but not limited to landfill gas (LFG) extraction, well tuning, HDPE fusion and PVC piping assembly, and LFG flare and blower station operation. Experience with landfill leachate and wastewater control and pumping systems. Experience with calibration and use of LFG monitoring and data collection devices. Proficient writing and computer skills to log data, fill out necessary operating reports, and transfer field gathered data. Knowledgeable and well versed in regulatory compliance requirements relative to work activities.

Job Domains

A. General Tasks

1. Complete landfill gas system well field balancing in accordance with regulatory guidelines
2. Prepare well field monitoring reports
3. Complete landfill gas extraction system maintenance activities including flare system maintenance, condensate pump station maintenance, and other system components as specified by the manufacturer (activities may require heavy lifting)

4. Assist in the compliance reporting for landfill gas system under the regulatory permitting program
5. Conduct environmental monitoring and/or sampling activities
6. Maintain gas and leachate systems liquid removal pumps as needed
7. Program environmental monitoring equipment
8. Complete unscheduled landfill gas system repairs after component failure
9. Complete extension of landfill gas extraction wells as necessary.

B. Planning and Coordination

1. Review, analyze and suggest improvements to Department Staff related to operational efficiencies.
2. Conduct studies and evaluations of landfill environmental and control systems and prepare operational and procedural recommendations to Department Staff.
3. Provides technical assistance and guidance for environmental and control systems to Department Staff.

C. Miscellaneous

1. Complete training and continuing education as necessary to achieve and maintain Certifications required by Federal, State, and Local regulations.
2. Strive to continually improve the efficiency and quality of the environmental and control systems.

Knowledge, Skills, and Abilities

1. Writing and oratorical skills necessary to make reports to Department Staff and Regulatory Entities.
2. Knowledge of applicable occupational safety, health, regulatory requirements, codes and permits.
3. Planning and scheduling skills to provide guidance to contractors and other professionals.
4. Ability to conduct meetings over large and small groups.

Other Characteristics

1. Must work non-regular hours when necessary.
2. Willingness to attend meetings and other work activities after normal working hours.

Minimum Qualifications

1. High School Graduate with some college.
2. Three (3) years of experience with landfill environmental and control systems including Landfill Gas Recovery.
3. Valid driver's license.
4. Computer, mechanical and construction experience.

5. Written and verbal communications skills.

Preferred Qualifications

1. Bachelor's degree in engineering, environmental science, or a closely related field.
2. Experience operating heavy equipment typically used on a landfill.
3. Alabama Landfill Operator's Certification.
4. HAZWOPER 40-hour training.