

## SLADE R. PATTERSON

### Education

BA – Professional Studies, Organizational Leadership, University of Memphis, 2020  
Associate Degree – Petroleum Technology, University of Arkansas Community College, 2005

### Specialty Certifications

40-Hour HAZWOPER, OSHA 29 CFR 1910.120  
16-Hour Confined Space Training, OSHA 29 CFR 1910.147  
American Red Cross Standard First Aid and CPR  
Certified for the Service of Landfill, Leachate and Condensate Pumping Equipment  
Completion of Flaring of Landfill Gases by John Zink  
HDPE Fusion Training/Certification  
Landfill Technician Training – Approach to Environmental Compliance  
SCS Health and Safety Program and Requirements – Project & Site-Specific Health & Safety Plan  
Development & Preparation, Job Task Safety Analysis & Personal Protective Equipment  
Assessment, Lockout/Tag out procedures, & Behavior Based Safety Process & Observer  
SCS Standards of Business Conduct & Ethics

### Professional Experience

As Project Manager, Slade has over 10 years of experience in operation, monitoring and maintenance (OM&M) of landfill gas (LFG) systems and field activities related to liquids and gas sampling and monitoring. He has provided construction services, LFG well monitoring, extraction well balancing and adjustment, blower/flare station data collection and adjustment/maintenance, condensate system/sump maintenance, perimeter probe monitoring, surface emissions monitoring, SCAQMD rule 431.1 monitoring, groundwater well monitoring and sampling, stormwater control and sampling, leachate sampling and reporting, special waste and wet waste tracking, cover integrity checks and construction quality assurance services. Slade has performed non-routine scheduled repairs and emergency call out response (leaks, well extensions, pipe repairs, etc.). He has provided maintenance and repairs on extraction pumps, pneumatic condensate injection pumps, pneumatic condensate sump pumps, air compressors, thermocouples and electrical components. He is capable of troubleshooting complex problems associated with LFG collection, flaring and detection systems. He has worked on the following LFG collection systems; activated carbon systems, passive landfill gas barrier/vent systems, automatic methane gas detection systems, recovery plant compressor systems and landfill gas to energy systems. Notable projects that Slade has been involved in are described below.

**Republic Services, Crittenden County Landfill, Marion, AR.** Supervising and training on-site technicians and coordinating with vendors to schedule blower skid, utility flare, air compressor, oil/water separator and flow meter calibration and preventive maintenance.

**Republic Services, Little Dixie Landfill, Ridgeland, MS.** Routine and non-routine operations, maintenance and monitoring, including trench collector installation.

**Republic Services, Model Fill MSW Landfill, Little Rock, AR.** Balancing environmental and commercial needs of projects, proofing and reviewing LFG construction plans to assist ensuring proper work was prioritized and resolved, assisting environmental manager in building and tracking budgets for current projects and future planning, providing technical training to on-site technicians

and coordinating with vendors to schedule blower skid, utility flare, air compressor, oil/water separator, and flow meter calibration and preventive maintenance.

**Republic Services, North Shelby Landfill, Millington, TN.** Managing and assisting the startup of landfill gas to energy system, replacement of utility fares, establishing enclosed flares by John Zink and Perennial Energy, replacing centrifugal industrial blower skids, variable frequency drives and Ingersol Rand 40 hp compressor units, installation of various sized high-density polyethylene piping, condensate sump services, vertical and horizontal drilling and leachate collection system services.

**Republic Services, Saline County Landfill, Bauxite, AR.** Gas collection and control system design and construction services.

**Republic Services, South Shelby Landfill, Memphis, TN.** Managing and assisting the startup of landfill gas to energy system, replacement of utility fares, establishing enclosed flares by John Zink and Perennial Energy, replacing centrifugal industrial blower skids, variable frequency drives and Ingersol Rand 40 hp compressor units, installation of various sized high-density polyethylene piping, condensate sump services, vertical and horizontal drilling and leachate collection system services.