

Academic Credentials:

B.S. Civil Engineering, 2012
North Carolina State University, Raleigh, NC

Professional Credentials:

Professional Engineer - NC, SC, GA, VA
Active NCEES Registration
OSHA 40 Hour Hazardous Waste Operations
OSHA 30 Hour Construction Safety and Health
GSWCC Level II Certified Plan Reviewer

Employment Record:

2011 - Present - Smith Gardner, Inc.

Areas of Expertise:

Construction Administration
Construction Quality Assurance (CQA)
Landfill Gas System Design
Stormwater System Design

Professional Activities:

American Society of Civil Engineers (ASCE)
Solid Waste Association of North America (SWANA)

JOHN R. FEARRINGTON, P.E.

Project Engineer - Raleigh, NC



Mr. Fearrington began his career in the solid waste industry, where he served as a part-time employee at Smith Gardner, Inc. Since joining full-time, he has managed various solid waste facility construction projects such as Subtitle D cell construction, permanent and temporary closures, landfill gas collection and control systems, and stormwater management infrastructure. Mr. Fearrington has also assisted public and private clients outside the landfill industry to develop solar and composting facilities.

Mr. Fearrington began working in the solid waste industry as a part-time employee at Smith Gardner, Inc. while attending North Carolina State University. After graduating with a Bachelor's degree in Civil Engineering, he joined Smith Gardner, Inc. as a full-time employee.

He has significant experience with construction quality assurance (CQA) monitoring of construction activities at MSW and construction & demolition landfills. Mr. Fearrington began his career working on-site observing construction of Subtitle D landfill cell construction, permanent closures, and temporary capping systems in the southeast. Mr. Fearrington now serves as project engineer preparing bid and construction issue documents, managing bid procurement, performing construction administration, managing CQA activities, and preparation of project certification reports.

While working with Mr. Smith and Mr. Gardner, Mr. Fearrington provides engineering support in preparation of annual accounting reports related to Financial Accounting Standards Board (FASB) Stated 143 for multiple open and closed municipal solid waste, construction demolition, and land clearing and inert debris landfills. He develops engineering calculations related to permitted and remaining capacity, waste density calculation, construction-related costs associated with cell construction, closure capping, site infrastructure costs, and post-closure care costs.

Mr. Fearrington has provided design, permitting, and construction (administration and CQA) services for various landfill gas collection and control systems (LFGCCS) at both active and closed landfill facilities. He has worked to design and expand compliance systems, remediation systems and landfill gas to energy facilities ranging from 4,800 standard cubic feet per minute (scfm) to 20 scfm.

In addition to his landfill experience, Mr. Fearrington worked with solar and composting facility developers, overseeing projects from planning stages through construction and operation. He utilized his landfill experience to optimize facility layouts and minimize development costs.

Mr. Fearrington holds Smith Gardner Inc.'s North Carolina General Contractor's License Qualifier for Public Utilities.