

AUBRIE C. MILLER

Staff Engineer - Columbia, SC

Academic Credentials:

B.S. Mechanical Engineering, 2022,
University of South Carolina, Columbia, SC

Employment Record:

2023 - Present - Smith Gardner, Inc.
2021 - 2022 - OTIS Elevator Company

Areas of Expertise:

Environmental Data Analysis
Landfill Gas Monitoring
CQA Monitoring
Environmental Compliance
Site Planning

Professional Activities:

Solid Waste Association of North America (SWANA)



Ms. Miller has experience with site plans and permitting, stormwater management and design, environmental compliance, and CQA monitoring. She also has experience in landfill gas and water quality monitoring, and developing construction bid packages.

Ms. Miller joined S+G in 2022 after completing her B.S. in Mechanical Engineering at the University of South Carolina. While working full time with S+G she is continuing her education by pursuing a B.S. in Civil Engineering with an expected graduation date of May 2024. She specializes in the development of Stormwater Pollution Prevention Plans (SWPPPs) for compliance with landfill stormwater general permits and greenhouse gas evaluation and compliance using landfill intake data to determine compliance with greenhouse gas emissions requirements.

In addition to environmental fieldwork, she assists in analyzing data, and prepares reports for a variety of different projects. She is responsible for evaluating and analyzing site plan construction and construction documentation. Ms. Miller also has experience in permitting, leachate management, stormwater management, landfill gas management, and facility evaluations for landfills and composting facilities.

Ms. Miller's is also involved with the design and layout of landfill cells, ensuring optimal waste containment and efficient operational flow. She ensures compliance with local, state, and federal regulations governing waste management and environmental standards and assess risks associated with landfill operations, including groundwater contamination and slope stability. She is involved with infrastructure development including transfer stations, landfill caps, and access roads. Ms. Miller also performs site visits to monitor the construction process to ensure the landfill is structurally sound, environmentally safe, and compliant with the regulations that are laid out for the contractors.