

Professional Record

Professional Synopsis:

Ms. Quant is a recent graduate of North Carolina State University. She focused her undergraduate studies in the field of Civil Engineering concentrating on environmental engineering. Ms. Quant's interest in solid waste management began when she studied under Dr. Morton Barlaz at NCSU. Ms. Quant was drawn to the environmental impacts of solid waste management which ultimately led her to RSG. Ms. Quant was involved in the student chapters of American Society of Civil Engineering (ASCE) and American Concrete Institute (ACI).

While working for RSG, Ms. Quant has been involved with the development of landfill gas system designs. She has prepared designs for landfill gas system permitting plans for sites in Bluff City, Tennessee and Wewoka, Oklahoma. Ms. Quant has also performed analysis of landfill gas models by utilizing LandGEM and KYPipe programs.

Ms. Quant has performed groundwater monitoring well purging and collected ground and surface water and leachate samples for landfill compliance monitoring.

In the field, Ms. Quant has overseen well drilling in Davidson County, leachate collection pipe cleaning in Sampson County, construction of leachate collection pipe system in Davidson County, and construction of the base layer of the landfill in High Point, NC.

Lindsay A. Quant, E.I.
Staff Engineer

Academic Credentials:

B.S. Civil Engineering, 2010
North Carolina State University, Raleigh

Employment Record:

2010-Present - Richardson Smith Gardner & Associates

Professional Training:

OSHA 40 Hour Hazardous Waste Operations
OSHA 40 Hour Health and Safety for Construction
Industry

Principal Areas of Expertise:

Landfill Gas Collection System Design
Landfill Gas Modeling
Groundwater Sampling
Landfill Design and Permitting

Professional Activities:

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