

Professional Record

Professional Synopsis:

Mr. Smith closes the gap between design and construction, providing a practical approach to all aspects from the conceptual to project closeout. He brings almost two (2) decades of professional experience in design, construction and operational assistance in all aspects of Solid Waste Management. His experience encompasses a lifelong association with the industry. As a second generation engineer, his youth was spent around large grading projects in the Carolinas.

Mr. Smith has demonstrated throughout his career a bottom-up approach beginning as a technician with GNRA as a student at NCSU, to serving as a Superintendent for STW on major highway projects, eventually progressing to the standing managing partner with RSG.

Mr. Smith has provided services for public and private clients including solid waste facility siting, design, permitting, and construction. Mr. Smith has both managed, designed and managed construction for solid waste facility elements such as containment systems, leachate management and recirculation, site infrastructure, final cover systems, landfill gas collection and control, groundwater recovery, compost systems, and special waste applications. Mr. Smith has been integral to our staff for his ability to design and permit these elements as well as providing "hands-on" field assistance during implementation to insure success of the project.

Major projects to Mr. Smith's credit include the Sampson County MSW and C&D facilities in North Carolina, Atlantic Waste Disposal MSW Landfill in VA, and the Highway 321 Landfill Superfund project in Columbia, SC. Mr. Smith's most recent projects include a collaboration between UNC - Chapel Hill and the Orange County Landfill to develop a landfill gas to energy (LFGTE) project and to provide carbon credits in the effort to provide more green assets in the UNC system. Mr. Smith is actively assisting both public and private clients across the southeast in efforts to successfully develop LFGTE projects to satisfy both regulatory or voluntary goals. At the Avery County landfill, Mr. Smith worked closely with the County and the NCDENR to design and permit a proposed landfill expansion within a non-functioning stream which gained an additional 25 years of capacity for approximately one (1) acre of construction development.

Stacey A. Smith, P.E. Senior Engineer

Academic Credentials:

B.S. Civil Engineering (Construction), 1992
North Carolina State University, Raleigh
M.C.E. Civil Engineering (Geotechnical), 2004
North Carolina State University, Raleigh

Duties:

2006 - Present - President
2000 - Present - Board of Directors

Professional Credentials:

Professional Engineer - NC, SC, VA, GA, PA and NCEES
OSHA 40 Hour Hazardous Waste Operations Training
OSHA 30 Hour Construction Safety

Employment Record:

1996-present - Richardson Smith Gardner & Associates (RSG)
(formerly G. N. Richardson & Associates, Inc.)
1995-1996 - S.T. Wooten Corporation (STW)
1992-1995 - Hazen & Sawyer, P.C.
1991-1992 - G. N. Richardson & Associates, Inc. (GNRA)

Principal Areas of Expertise:

Solid Waste Landfill Siting and Design
Landfill Gas Collection System Design and Management
Leachate Management System Design
Construction Management and Administration

Professional Activities:

American Society of Civil Engineers (ASCE)
Solid Waste Association of North America (SWANA)
International Erosion Control Association (IECA)

Selected Publications & Presentations:

Richardson, Gregory N., Stacey A. Smith, and Timothy F. Carr. 'Beneath the Bubble: Industrial Lagoon Closure.'
Geotechnical Fabrics Report 2004.

Smith, Stacey A. And Joan A. Smyth. "Passive Aquifer Mining for Landfill Expansion". North Carolina Section Annual Meeting, 26 Sept. 2006, American Society of Civil Engineers.

Richardson, G.N., S.A. Smith, and P.K. Scheer, "Active Gas Control: An Unreliable Aid to Stability", Proceedings from the First Pan American Geosynthetics Conference, 2-5 March 2008, Cancun, Mexico.

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