

Professional Record

Professional Synopsis:

Mr. Sheehan is a recent graduate of North Carolina State University where he focused his attention on the fields of Geotechnical & Civil Engineering. As a student, Mr. Sheehan has worked on many projects, including, designs for building foundations, construction management, and waste water treatment facilities.

While working for RSG, Mr. Sheehan has performed on-site CQA oversight for landfill closures, cell expansion, settlement monitoring, and landfill gas systems in North Carolina and Virginia. He has also conducted oversight of the installation of landfill gas conveyance pipe as well as gas wells for landfill extraction/production systems.

Mr. Sheehan has also contributed to the design and execution of a gravity groundwater intercept which has been utilized to dewater a landfill cell in Clinton, N.C. for future construction that will accept municipal solid waste.

Mr. Sheehan has performed monitoring well purging and collected ground and surface water and leachate samples for landfill compliance monitoring. Mr. Sheehan has also performed analysis of field parameters for ground water samples.

Mr. Sheehan's most recent projects include the Sampson County MSW Landfill and the South Wake MSW Landfill. While at the Sampson County MSW landfill, Mr. Sheehan managed the construction for Cell 7, a 29.1 acre cell including a gravity underdrain, over 1.5 million square feet of liner and drainage geocomposite, a 300,000 gallon glass to steel lined storage tank, installation of blowers and mixers, and the conversion of the leachate management system to pneumatic pumps with solar controls and wireless interlocks. While at the South Wake MSW Landfill, Mr. Sheehan managed the construction for Phase 1B, a 20.9 acre cell including close to one million square feet of liner, drainage geocomposite, and geosynthetic rain cover.

Richard M. Sheehan, E.I. Staff Engineer

Academic Credentials:

B.S., Civil Engineering 2007
North Carolina State University, Raleigh

Professional Training:

OSHA 40 Hour Hazardous Waste Operations
Training Commercial Composting & Compost Use 40
Hour Advanced Course
CQA for Geosynthetic & Compacted Clay & GCL
Liner Installation
30 Hour Health and Safety for Construction Industry

Employment Record:

2008-Present - Richardson Smith Gardner & Associates

Professional Activities:

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

Principal Areas of Expertise:

Geotechnical Engineering
Construction Quality Assurance (CQA)
Solid Waste Permitting