

**BYRON S. HACKNEY**

Field Services Manager - Raleigh, NC

**Academic Credentials:**

A.A.S. Survey Technology, 2001  
Fayetteville Technical Community College,  
Fayetteville, NC

**Professional Training:**

GCI Certified Inspector for:  
Compacted Clay Liners  
Geosynthetics Materials  
OSHA 40 Hour Hazardous Waste Operations Training  
OSHA 30 Hour Safety and Health Training  
OSHA Confined Space Training  
OSHA Excavation & Trenching "Competent Person"  
Transportation of Dangerous Goods Training  
(HM181-126F-215B & IATA)  
EPG's Pumps & Controls Service School Training  
Solid Waste Management Specialty Training  
(Understanding and Performing Liner Integrity  
Survey)  
SC Licensed Wastewater Operator  
(Level D P/C Trainee)  
Asbestos Contractor/Supervisor Course (40hr)  
Asbestos Accreditation under TSCA Title II (AHERA  
Inspector Initial Training Course (24hr/3 day)

**Employment Record:**

2001 - Present - Smith Gardner, Inc.  
2000 - 2001 - Catlin Engineers and Scientists  
1990 - 1998 - Burkehead & DeVane Printing Company

**Principal Areas of Expertise:**

Construction Quality Assurance (CQA) for:  
Earthworks  
Geosynthetic Liner Systems  
MSW, C&D and Industrial Landfills  
Geosynthetic Closure Systems  
Leachate Recirculation Systems  
LFG Collection Systems  
Water Quality Sampling  
Construction Administration  
Geotechnical Drilling



Mr. Hackney has over 18 years' experience in general industry and now specializes in Construction Quality Assurance (CQA) of geosynthetic liner and final cover systems as well as other solid waste management projects. Mr. Hackney is a GCI Certified Inspector for compacted clay liners and geosynthetic materials. Mr. Hackney formerly served the United States Army in the 82nd Airborne Division.

Mr. Hackney has over 18 years of progressive experience involving Construction Quality Assurance (CQA), environmental monitoring, and site investigation activities for municipal and industrial landfills and other solid waste management facilities.

He has served as field services manager for CQA activities during construction of numerous lined municipal solid waste (MSW), construction and demolition debris (C&D), and industrial landfill expansions including projects for the Davidson County, City of High Point, IP-Reigelwood Mill, Johnston County, Robeson County, and Sampson County Disposal landfills in North Carolina, the CMC Steel landfill in South Carolina, and the Grady Road and Taylor County landfills in Georgia. Included as part of projects for Davidson County and the City of High Point, Mr. Hackney performed CQA oversight for construction of glass-fused-to-steel leachate storage tank facilities (primary/secondary tanks, piping, pumps, etc.).

Mr. Hackney has served as field services manager for CQA activities during landfill closures including projects for the Davidson County, City of High Point, Johnston County, and Sampson County Disposal landfills in North Carolina. Many of these projects included installation of landfill gas (LFG) collection system components (wells, header piping, etc.). Mr. Hackney also performed CQA activities for the closure of a waste disposal pond in Connecticut. This project involved the in-situ interim stabilization of contaminated sediments to allow placement of a final cover system.

He has experience with the construction of piggyback (over waste) and dual geomembrane liner systems. These projects include the Johnston County, NC Landfill (multiple construction events) and an industrial landfill in Riegelwood, NC for International Paper.

Mr. Hackney conducted CQA oversight during the construction of secondary containment for concrete storage tanks to be used for disposal of hazardous waste at the Savannah River Site (US Department of Energy) in South Carolina. The secondary containment consisted of a 100-mil thick high density polyethylene (HDPE) geomembrane which was installed vertically on the outside of the tanks.

He is experienced in the performance of water quality (ground and surface water) and LFG monitoring field activities and in the performance of field work for site investigations.

Mr. Hackney is a GCI certified inspector for compacted clay liners and geosynthetic materials and maintains an OSHA HAZWOPER certification. Mr. Hackney has also taken numerous training courses related to his work.