
NINA G. MARSHEIN, PG

Education

B.S. - Geology, College of Charleston, South Carolina, 1985

Professional Licenses/Technical Training

Professional Geologist, South Carolina and Georgia
40-Hour Hazardous Waste Training and Annual Updates
McCrone Research Institute Asbestos Identification Course

Professional Affiliations

Founder and former President of South Carolina Association of Environmental Professionals
Member of South Carolina Certified Commercial Investment Managers
Member of Charleston Trident Association of Realtors

Professional Experience

Ms. Marshtein brings to SCS over 20 years of experience in the environmental engineering field. She is the office manager for SCS's Charleston, SC office. Her expertise is in property transfers, with an emphasis on Brownfield redevelopment. Many of these projects have involved redevelopment of old landfills into productive industrial properties. Her responsibilities have included groundwater investigations, monitoring, and assessments; Phase I and Phase II Environmental Site Assessments (ESAs); underground storage tank (UST) closures, assessments, and cleanups; geotechnical soil analyses; asbestos laboratory management; vibration monitoring during construction; geotechnical soil analyses; NPDES permits; and other environmental tasks. Examples of her project experience include:

Charleston, SC. Supported the Griffith Company with the purchase of a closed Charleston County Landfill, including completing the Phase I ESA and initial sampling; aiding in negotiations with state regulators to define the Voluntary Cleanup Contract; conducting the groundwater assessment, ongoing groundwater monitoring, surface water and sediment impact assessments to nearby rivers, creeks and wetlands; assessing site soil conditions; and designing and implementing the initial methane monitoring program for the closed landfill. Obtained a Certificate of Completion in 18 months.

North Charleston, SC. Designed and supervised the assessment of an industrial waste pulp landfill to prepare the site for re-sue. The site was sold to a private investor who redeveloped the landfill as an industrial park. SCS designed methane mitigation systems for the site structures and demonstrated that groundwater impacts were negligible and methane migration was being controlled.

Rock Hill, NC. Assisted a client in developing a residential community next to a former factory that was undertaking cleanup under the Resource Conservation and Recovery Act (RCRA). Defined the extent of migration onto his property, supported negotiations with

the Primary Responsible Party, and supported subdividing the property to allow for funding of the non-impacted portion.

North Charleston, SC. Supported the AAI assessment of a National Priorities List (NPL) site that is to be used as a shipping facility.

Other Experience

Hydrogeologist II/Senior Project Manager. For General Engineering & Environmental, developed and updated the research techniques and writing format for ESAs; developed standard wording and interpretation of regulations and how the regulations may impact a client's liability; conducted hydrogeologic assessments, soil investigations and data interpretation to evaluate compliance with state and federal standards; developed methodologies for evaluating client liabilities and potential use restrictions; developed a Brownfields program, bringing 30 industrial and commercial sites into the program, including Cherokee Investments' Magnolia project; and worked with regulators to allow the reuse of contaminated properties such as old landfills, old asbestos manufacturers, and historically sensitive urban properties under the state Brownfields program.

Westinghouse's Asbestos Laboratories. Assisted with the redevelopment of an old landfill site for a US Post Office. Supervised the geotechnical drilling for the Cooper River Bridge. Enabled National Institute of Standards and Technology (NIST) registration.

Ashley I & II, Magnolia, SC. Project Manager for the reuse of 2 miles of coast line on the Ashley River. The site included two NPL sites, former fertilizer plant sites, metals fabricators, scrap yards, and trucking facilities. Provided Phase I and II ESAs, subsurface investigations, coastal zone permitting, industrial hygiene assessments, and negotiations with the USEPA, SCDHEC, property owners, and responsible parties. Aided the developer with the assemblage of over 500 acres and evaluated appropriate site reuses.

Ridgeville, SC, Phase I, II, and III ESAs. Project Manager for a former capacitor manufacturing facility. The Phase I ESA identified PCBs, and the Phase II investigation identified the extent of the PCB-contaminated soil. Immunoassay analysis was used to define the contaminated area and to conduct clearance during soil removal. Coordinated the waste disposal contractors and state regulators to remove the impact from the site, and received a letter of "No Further Action" from the SCDHEC.

Piedmont Hawthorne, Phase I and II ESAs. Project Manager for converting World War II era airport facilities to modern civil uses. These facilities formerly had fuel farms, maintenance and repair facilities, hangars, and runway operations. The facilities were located in South Carolina, Illinois, Pennsylvania, New York, Texas, and Canada.

North Charleston, SC, Noisette Group, Former Charleston Navy Base. Project Manager for preparing the former Navy Base for reuse by private entities. Responsibilities included ESAs, subsurface investigations, and coordination of geophysical surveys and asbestos, mold, and lead-based paint assessments. Successfully negotiated with insurance carriers and regulatory agencies to prepare the properties for transfer.