

LISA L. SMITH

Education

M.S. – Environmental Engineering, University of Florida

B.S. – Chemistry, University of Florida

Professional Experience



Lisa Smith has over 20 years of experience in a variety of roles in the field of environmental science. Prior to joining SCS Engineers, she worked as an environmental regulator at the Miami-Dade County Department of Environmental Resources Management (DERM), a consultant at a national environmental consulting firm, and a research chemist at the University of Florida.

Lisa serves SCS Engineers as a principal technical advisor and expert in the field of risk based corrective action (RBCA). Lisa provides unique insight with respect to regulatory issues. While working as DERM's Risk Assessor, Lisa served as the primary author of the County's RBCA Ordinance, which regulates cleanup actions for county sites. Lisa was also responsible for formulating department policy and generating technical documents relating to assessment, remediation, risk assessment, RBCA, waste water reuse, contaminated soil reuse, legally-applied pesticides, and construction on contaminated properties.

Examples of project experience include:

Soil and Groundwater Assessment at Public Parks with Incinerator Ash Impacts City of Miami, Florida. Technical Advisor/Project Manager. Soil and groundwater impacts were assessed at and around various public parks found to contain buried incinerator ash. Remedial alternatives and risk management options, making use of existing site conditions, were evaluated and implemented. Responsibilities included review of historical environmental records, preparation and execution of sampling plans, statistical evaluation of analytical data, evaluation of available remedial options, justification of alternative risk management options and coordination with the regulatory agency and the Florida Department of Health.

Approach to Address Site-Wide Impacts at an Operating Rail Yard, Miami, Florida. Principal-In-Charge/Project Manager. An alternative approach to address site-wide impacts of polynuclear aromatic hydrocarbons at an active rail yard was formulated. The approach, which consists of best management practices, worker safety measures, and use of existing engineering controls, provides a practical and cost-effective alternative to the remedial approach proposed previously by another consultant.

Port of Miami Tunnel Project, City of Miami, Florida. Principal Environmental Scientist. Managed the tasks associated with the confidential soil conditioning agents/chemicals required for the POMT project. Coordinated with the product suppliers inside and outside the US to obtain chemical composition data and coordinated the toxicological review of these products through Miami-Dade DERM. Reviewed and interpreted toxicological assessment findings. Coordinated with testing laboratories to develop extraction and analysis methods for the proprietary chemicals within product compositions identified as requiring testing during the product review process.

DERM Risk Assessor, Miami-Dade County DERM, Pollution Control Division, Miami, Florida. Directly supported DERM's Pollution Control Division Chief in technical and policy-related matters, in a variety of areas, such as RBCA, assessment, remediation, risk assessment, wastewater reuse, soil and

sediment reuse, and legally-applied pesticides. Primary duties included co-authoring, implementing, and maintaining the RBCA code language for Chapter 24; developing and maintaining supporting guidelines, technical reports, and department policies; developing and implementing supporting policies and guidelines for the State RBCA rules and procedures; providing technical training to DERM staff; planning, assigning, and reviewing the work of technical staff engaged in the review of RBCA assessments and remediations; managing the University of Florida toxicology support services contract and the RBCA permit program; and conducting soil/sediment reuse evaluations.

DERM Hydrogeologist 3, Miami-Dade County Department of Environmental Resources Management, Pollution Remediation Section, Miami, Florida. Reviewed technical reports and developing site-specific risk assessments, RBCA guidelines, and landfill quality and capacity reports.

DERM Pollution Control Inspector, Miami-Dade County Department of Environmental Resources Management, Hazardous Waste Section, Miami, Florida. Primary duties included inspecting and sampling of permitted solid waste facilities; evaluating risk assessment documents; and generating risk assessment policies and criteria.