

Resumé:

KRIS SPIKES

Ms. Spikes has nine years of professional experience providing supervisory and technical support for surface and subsurface petroleum and hazardous waste field investigations and environmental site assessments specifically related to geology and hydrogeology. Ms. Spikes has assisted in remediation technology through design, implementation, and operation of soil and groundwater treatment systems. Remediation experience includes air sparging, soil vapor extraction, dual-phase extraction, in-situ injection treatment, natural attenuation and source removal.

Ms. Spikes also has a background in health and safety management relating to hazardous waste operations and emergency response. Ms. Spikes has provided safety training, developed and implemented air monitoring programs, and acted as an on-site safety officer for multiple U.S. EPA Superfund sites. In addition, Ms. Spikes has provided health and safety services to program-specific contracts, developed Site Specific Safety and Health Plans, maintained OSHA compliance, performed internal safety auditing; and developed and implemented safety incentive programs.

Education

- ∞ BS, Geology, Georgia State University, 2002

Registrations and Certifications

- Incident Command System (ICS) Training Levels 100/200/300
- DOT/HAZMAT Shipping Certification
- 40 Hour OSHA Health and Safety Certification (29 CFR 1910.120)
- 8-Hour OSHA Health and Safety Annual Update Certification
- Confined Space Entry-Entrant, Attendant, Non-Entry Rescue Training Course
- First Aid/CPR Certifications

Areas of Expertise

- ∞ Environmental Site Assessment
- ∞ Site Investigation
- ∞ Technical Writing
- ∞ Phase I and II Environmental Site Assessments
- ∞ Data Management
- ∞ Environmental Sampling
- ∞ Soil/Groundwater/Soil Vapor Investigations

- ∞ Health & Safety relating to Hazardous Waste Operations and Emergency Response

Key Projects

Ms. Spikes has served on teams managing remedial investigations and corrective action sites for private-sector, state, and federal level projects. Ms. Spikes provided management for health and safety compliance including the development of site-specific Health and Safety plans, field auditing, employee training and serving as on-site safety officer. Team leader tasks include project support on non-routine investigation or project tasks; analytical data management; and acting as task leader for routine groundwater monitoring events including laboratory coordination, submitting bottle order, coordination with field team on scheduling, data management, and quarterly, semi-annual and annual groundwater monitoring reporting. Ms. Spikes has performed extensive field work including groundwater and soil sampling, monitor well installation, asbestos sampling, hazardous materials categorization, construction oversight and air monitoring/sampling.

Specifically, Ms. Spikes served as Project Geologist for the Georgia Underground Storage

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Tank Management Program for the Georgia Department of Natural Resources. Ms. Spikes managed routine quarterly monitoring events; provided regulatory correspondence support; developed Corrective Action Plans, UST Closure reports, project completion reports, health and safety plans; conducted sub-contractor coordination; assisted in free product recovery events, field surveying, monitor well installation via subsurface drilling, groundwater sampling and soil sampling, and implemented site health and safety.

Ms. Spikes acted as site Health and Safety Officer for multiple U.S. EPA Superfund sites under the ERRS contract. Ms. Spikes developed site-specific health and safety plans; provided daily health and safety meetings; ensured federal, state, and local regulatory safety compliance, and provided training for crew members. Ms. Spikes managed air-sampling and monitoring programs using a wide array of field instrumentation; set-up decontamination areas for both workers and field equipment; provided client correspondence; and maintained site documentation as field activities developed.

Ms. Spikes served as the Quality Assurance/Quality Control (QA/QC) Officer for the Havertown Superfund Site. In this position Ms. Spikes provided oversight of project construction for the installation of a groundwater treatment system; maintained quality assurance and quality control of project operations, and provided daily documentation of compliance.

Ms. Spikes served as task manager for several City of Atlanta projects located at Hartsfield-Jackson Atlanta International Airport. Ms. Spikes served as field coordinator for storm-water sampling events, unknown waste investigations, quarterly groundwater sampling, and mobile multi-phase extraction (MPE) events at multiple sites across the airport property. Ms.

Spikes generated site-specific Work Plans, Health and Safety Plans, field summary reports, and sampling analysis reports for the client; implemented site health and safety; and trained employees on site-specific sampling requirements.

Ms. Spikes acted as project assistant for multiple sites at Barksdale Air Force Base under the AFCEE program. Ms. Spikes assisted in quarterly sampling of monitoring wells; provided oversight for construction events; developed sampling plans, quarterly monitoring reports, and final reports; created conceptual graphics of the post-remedial action conditions for the Project Manager to present to the client.

Ms. Spikes acted as project assistant at Charleston Air Force Base under the AFCEE program. Ms. Spikes performed groundwater and air sampling to determine extent of contamination; analyzed performance of a groundwater in-situ air sparging and soil vapor extraction system; produced graphics and quarterly reports summarizing analytical data and effectiveness of the treatment system for submittal to the client.

Ms. Spikes was a team member of the Region IV Superfund Technical Assessment Remediation Team (START). Ms. Spikes provided technical assistance and helped maintain a state of readiness for response to hazardous materials spills, oil releases, and terrorist attacks. As a START team member, Ms. Spikes performed report generation, oversight of subcontractors, multi-media sample collection, air monitoring, Level A & B field entries, HAZCAT for waste characterization, and photographic, video, and logbook documentation of site activities.

Ms. Spikes acted as team leader for a U.S. Aviation Underwriters, Inc. project located in California. Ms. Spikes responded to large-quantity, jet fuel release caused by a firefighting

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airplane crash, conducted soil sampling and delineated extent of soil contamination. Ms. Spikes performed subcontractor coordination, data analysis, field screening, and oversight of soil removal.

Ms. Spikes assisted in a major U.S. Postal Service (USPS) internal audit project. Ms. Spikes audited vehicle maintenance facilities' battery recharging operations in locations across the southeast. Audits included inspection of battery charging areas and acid neutralization pits, and review of standard operating procedures, health and safety procedures, spill response procedures, personnel training, and self-inspection and documentation procedures.