

DONNA BEARES, PG

Education

MS, Geology, University of Colorado at Boulder, 2004
BS, Geology, Juniata College, 2002



Professional Licenses

Professional Geologist – Florida, Alabama, Pennsylvania, Indiana, Tennessee

Specialty Certifications

40-Hour OSHA Hazardous Waste Operations and Emergency Response (HAZWOPER) Training, Compliance Solutions Occupational Trainers, 2004
8-Hour OSHA HAZWOPER Refresher Training, RedVector, 2021
8-Hour OSHA HAZWOPER Supervisor Training, 2007
Mine Safety and Health Administration (MSHA) Part 46 Training, Complete Safety Solutions, 2018

Professional Affiliations

Northeast Florida Association of Environmental Professionals (NEFAEP)
Florida Association of Professional Geologists (FAPG)

Professional Experience

Donna is a Senior Project Manager in the SCS Jacksonville, Florida office with a Master's Degree in Geology. She has 17 years of broad environmental experience, covering environmental due diligence, soil and groundwater assessment and remediation, environmental monitoring, and environmental compliance. She is also a licensed professional geologist registered in the states of Pennsylvania, Florida, Alabama, Tennessee, Indiana, and Delaware.

Geologist/Project Manager responsible for managing and conducting hazardous waste site assessments, site characterization studies, and multimedia environmental site assessments. Works closely with regulators and clients to develop and implement cost-effective remediation strategies. Responsible for managing projects, costs, and subcontractors; preparing work plans and estimating costs; planning and conducting field work for environmental site assessments and hazardous waste site investigations; and preparing and reviewing reports.

Experience involves work at numerous hazardous waste and petroleum-impacted sites, including service stations, pipelines, and terminals involving multiphase-extraction, in-situ chemical oxidation, monitored natural attenuation, and remedial excavation design; construction of multilevel monitoring well systems; and preparation of remedial feasibility studies and corrective action plans. Project portfolio has ranged from projects costing less than \$10,000 to more than \$20 million.

Confidential Client, Nationwide, Vapor Intrusion Evaluations. Project Manager responsible for reviewing historical and current environmental reports at over 25 transportation facilities nationwide,

to evaluate the potential risk for vapor intrusion at the facilities. Evaluations included comprehensive review of Phase I Environmental Site Assessments, Phase II Environmental Site Assessments, soil and groundwater data, and development plans. Summarized available data regarding the potential risk for vapor intrusion and provided recommendations for additional soil vapor sampling and/or mitigation.

Confidential Client, Florida Statewide, General Environmental Assessment and Remediation Services. Project Manager overseeing environmental assessment and remediation at rail yards throughout North Florida. Environmental project work includes surface and subsurface soil sampling, groundwater sampling, soil excavation, hazardous waste management, construction oversight, and technical reporting. Project Management duties include scope of work preparation, budgeting, client interfacing, regulatory negotiation, and general project administration.

Florida Department of Environmental Protection, Florida Statewide, FDEP Petroleum Restoration Program Agency Term Contractor. Contract Manager for FDEP Petroleum Restoration Program's Agency Term Contract. As Contract Manager, oversees entire \$2.5 Million portfolio of over 30 petroleum cleanup sites across the state of Florida. Work under the Petroleum Restoration Program includes environmental site assessment, remedial action planning, remedial action implementation, site monitoring, risk management, and site closure. Contract Management tasks include client interaction, negotiation of fees, delegation of project assignments, conflict resolution, and regular communication with Gannett Fleming staff working under contract. Individually manages over 10 petroleum cleanup sites under the Petroleum Restoration Program. Project Management duties include work plan development and budgeting, site assessment development and implementation, remedial action plan development and implementation, monitoring plan development and implementation, periodic reporting, regulatory interfacing and negotiation, and general project administration. Also serves as Professional Geologist responsible for reviewing technical reports such as template site assessment reports, supplemental site assessment reports, remedial action plans, source removal reports, construction completion reports, and monitoring reports.

Maryland Transportation Authority, Harford County, Maryland, Groundwater Mass Flux Analysis, Maryland House Travel Plaza. Geologist providing support for analysis of mass flux as a method of monitoring changes in dissolved phase mass migrating in groundwater from source zone soils. Prepared a work plan for the mass flux analysis, prepared subsurface cross sections, and analyzed groundwater flow data. Prepared quarterly mass flux analyses to demonstrate natural attenuation.

Confidential Client, Nationwide, General Consulting Services, Environmental Site Assessment (ESA) Review. Geologist responsible for reviewing Phase I and Phase II ESAs for the client's Environmental Affairs Department as part of the due diligence process for acquiring additional land. Provides comments and recommendations to mitigate potential environmental risks associated with purchasing or leasing property. Works with the client's real estate and legal departments to incorporate environmental recommendations into lease agreements or purchase and sale agreements.

Maryland Transit Administration (MTA), Montgomery and Prince George's Counties, Maryland, On-Call General Engineering Consulting Services for Purple Line Light Rail Transit System, Phase I Environmental Site Assessments (ESA). Project Geologist responsible for completing Phase I ESAs in general accordance with ASTM International Practice E 1527-13 at 10 sites as part of ongoing environmental mitigation commitments made by MTA for the National Capital Purple Line Light Rail Project. Phase I ESAs were conducted to identify recognized environmental conditions at potential wetland mitigation and stream restoration sites to determine which sites meet the criteria for mitigation/restoration.

Confidential Client, Maryland, Former Retail Service Station Excavation and Remediation. Project Manager for a former petroleum site adjacent to a residential community. The bulk of the hydrocarbon plume and residual liquid-phase hydrocarbons (LPH) were located under the basement slab and immediately in front of the adjacent residence. Worked closely with the regulator to develop a corrective action plan to remediate the site, including building demolition, soil excavation, and in-situ groundwater treatment and worked closely with the client to implement the corrective action plan while working within a rigid safety culture. Specific tasks included an evaluation of soil and groundwater data to delineate the extent of the plume; an asbestos-containing material (ACM) survey and abatement to remove ACMs from the residence; Baltimore County permitting including capping of the water and sewer lines to the house; demolition of the residence including the basement foundation; limited soil excavation to remove contaminated soil and residual LPH; and application of an in-situ bioamendment to the bottom and sidewalls of the excavation to promote biodegradation of remaining hydrocarbons in groundwater. Additional management duties included subcontracting, cost estimating and budgeting, regulatory interfacing and negotiation, and general project administration.

Confidential Client, Maryland, Pipeline Remediation and Storm Drain Replacement. Assistant Project Manager responsible for providing remedial design and implementation on a project to address liquid-phase hydrocarbon (LPH) seeps into surface water resulting from past releases of petroleum products from underground pipelines. Civil work included preparation of alternative analysis of multiple site drainage concepts, including various open channel and closed storm drain systems for review by the client and owner. Work included designing, producing construction documents, and completing technical reports for the final design that consisted of a watertight 0.25-mile-long high-density polyethylene (HDPE) storm drain system with single, double, and triple pipe applications under extremely shallow cover conditions and in areas of known LPH occurrence. Designed site-specific backfill consisting of engineered fill material with capillary properties to prevent LPH but allow groundwater to pass through. During construction phase, served as assistant project manager and part-time field supervisor overseeing the civil construction and remediation activities associated with the installation of the HDPE storm drain system. Construction-phase activities included excavation of petroleum-impacted soils, groundwater treatment, concrete structure construction, installation of up to 34-inch-diameter HDPE pipes and associated manholes, drilling and boring activities, backfill with engineered fill material, and final grading and paving. Maintained compliance with regulations, Maryland Department of the Environment, and client requirements. Following construction, prepared a construction completion report and reviewed as-builts.

Confidential Client, Maryland, Pipeline Remediation and Investigation. Project Manager responsible for environmental assessment, remediation, and risk management at a former petroleum pipeline site, where past releases of petroleum products have resulted in a ~10-acre liquid-phase hydrocarbon (LPH) plume under a third-party industrial property. Management duties typically included work plan development, cost estimating and budget tracking, site assessment plan development and implementation, routine monitoring plan development and implementation, periodic reporting, regulatory interfacing and negotiation, and general project administration. Specific investigation and remediation technologies implemented included Geoprobe borings for soil logging and sampling; monitoring well installation; Rapid Optical Screening Tool investigation; Laser Induced Fluorescence investigation; LPH skimmer system design and operation; manual LPH recovery from wells and surface water; rising head slug tests; LPH fingerprint sampling; core photography and LPH mobility analyses; and test pit excavation. Specific deliverables prepared included corrective action plan, conceptual site model, site investigation and assessment reports, and quarterly site update reports.

Presentations

Best Value for the State – Identifying Non-Program Related Contamination at PRP Sites (Oral Presentation), Florida Remediation Conference, 2019

Capillary Barrier Design: Lessons Learned, Storm Drain Construction Project, Baltimore Maryland (Oral Presentation), 2011

Case Study: Complex LNAPL Site in Baltimore, Maryland (Oral Presentation), 2010

Near Loss Lessons Learned: Hazard Assessment Failure (Oral Presentation), 2009

Challenges Using Mass Flux at a Service Station, Round Hill, Virginia (Poster Presentation), 2009