
DAVID J. ATTEBERRY

Education

Bachelor of Arts, Earth and Geologic Sciences, DePauw University, 1999

Specialty Certifications

Occupational Safety and Health Administration (OSHA) 40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER) Training with subsequent 8-hour refreshers

OSHA 10-hr Construction Safety Training

Mine Safety and Health Administration (MSHA) 24-hr New Miner Training

Professional Experience

Team and project leader with 17 years of environmental consulting and management experience. Representative technical experience includes geologic and hydrogeologic investigations supporting various hazardous waste, solid waste, environmental, and water supply efforts. Management experience includes leading departmental operations, business development, management of professional staff, and project management. Technical areas of expertise include contamination assessment, remediation, site characterization, aquifer characterization, RCRA compliance, waste characterization, environmental due diligence, reserve budgeting, and field sampling techniques. Extensive experience overseeing multi-disciplined investigations involving various aspects of site characterization and remedial construction for various private, municipal, and federal clients.

Landfill

Republic Services Inc., Richland Creek Assessment of Corrective Measures, Buford, Georgia, Project Manager. Conducted assessment of corrective measures and implemented interim measures for several groundwater contaminant releases to a fractured bedrock aquifer at Richland Creek Landfill. Corrective action activities included the implementation of oxygen release compound (ORC) injection to treat low level volatile organic compound (VOC) impacts, the implementation of two aquifer performance tests to evaluate hydrogeologic conditions for the installation of two groundwater extraction systems, and installation of several assessment groundwater monitoring wells to delineate the vertical and horizontal extent of site groundwater impacts. Other corrective actions have included the installation and construction of a soil vapor extraction (SVE) system to collect landfill gas, which contributes to site groundwater impacts. At the conclusion of corrective action activities, groundwater impacts in the treatment areas had been reduced to levels below ground water protection standards.

Southeastern Public Service Authority, Landfill Groundwater and Gas Compliance Monitoring and Consulting Services, Suffolk, Virginia, Project Geologist and QA/QC Reviewer. Provided groundwater, landfill gas, and environmental monitoring and reporting services for four separate solid waste facilities. Projects at each of these facilities have included compliance reporting,

operating permit modifications, alternate source demonstrations, nature and extent studies, assessment for corrective measures, and corrective action plans.

Closed Landfill, Brunswick Georgia, Project Manager. Managed project phases including groundwater monitoring and reporting, landfill cover maintenance, and strategy development to work toward closure of a hazardous waste landfill in southeast Georgia. Under regulatory oversight by USEPA and GA EPD, worked with client to define and remedy the extent of groundwater impacts from landfilled chemical manufacturing wastes.

Waste Management, Inc., Panama City Landfill Site Assessment, Remedial Action Plan and Remediation, Panama City, Florida, Geologist. Prepare a site assessment report (SAR) for iron impacts to site groundwater at the City Environmental Services Landfill in Panama City, Florida. SAR activities involved the installation of off-site wells, the collection of offsite surface water samples, and single well aquifer performance tests. The report included explanation and correlation of site iron concentrations to natural occurrences of iron in the area, contaminant plume maps, potentiometric maps, summary of exceedances and graphs of water quality parameters. A Remedial Action Plan and Air Sparge Pilot Test Work Plan have been completed.

Waste Management, Inc., Longleaf C&D Disposal Facility Site Assessment, Pensacola City, Florida, Geologist. Prepared a site assessment report (SAR) for iron and VOC impacts to site groundwater at the Longleaf C&D Disposal facility in Pensacola, Florida. SAR activities involved the characterization of site geology, a receptor survey installation of assessment monitoring wells in both surficial and main producing aquifers, and single well aquifer performance tests. The report included a detailed evaluation of site geochemistry.

York County Landfill, Groundwater Technical Support, York County, South Carolina, Geologist. Prepared prepare water quality reports, including the semi-annual and annual groundwater quality reports for the York County closed municipal solid waste facility and the active construction and demolition debris facility. Also responsible for the preparation of the annual intrinsic remedial effectiveness report which evaluates the effectiveness of the current remedial measures in place at the site.

Volusia County, Plymouth Avenue Landfill Site Assessment, Volusia County, Florida, Geologist. Reviewed and modified the Site Assessment Plan. Successfully negotiated w/FDEP to reduce work scope prepared by previous consultant. Implemented field activities, prepared Site Assessment Report recommending no further action.

Republic Services, Jones Road Landfill, Groundwater Remediation, Jacksonville, Florida, Geologist. O&M on existing ORC groundwater remediation system which has successfully reduced groundwater impacts by over 99%.

Waste Management, Inc., Former Arab Pest Control Site Assessment Report, St. Petersburg, Florida, Project Geologist. Prepared a site assessment report addendum (SARA) for pesticide impacts to site groundwater and soils at the Former Arab Pest Control Site in St. Petersburg, Florida. SAR activities involved the installation of monitoring wells, the collection of on-site soil samples and single well aquifer performance tests. The report included delineation of pesticide impacts to the site, contaminant plume maps, potentiometric maps, summary of exceedances and graphs of water quality parameters.

York County, South Carolina, Environmental Monitoring of Former Landfill Sites, York, South Carolina, Project Geologist. Solid waste services related to the former York Road and Statesville Road Landfills. Work included site inspections and general consulting.

Waste Management, Inc., Trinity Hammond Landfill Exit Strategy, Jacksonville, Florida, Project Manager. Responsible for providing data analysis, contaminant fate, and transport modeling at Trinity Landfill. Successfully assisted the owner with developing an FDEP approved exit strategy from long-term post closure care.

Manatee Class III Disposal and Recycling Facility, Manatee County, Florida, Project Geologist. This project included the permitting and design of a 300 acre site for a Class III Landfill. The landfill design includes a liner and leachate collection system, specifications and CQA plan. The landfill is expected to provide capacity of Class III waste for the region for at least 25 years.

All Appropriate Inquiry

Corridor Analysis for Hazardous Materials Issues, SANBAG (San Bernardino Association of Governments) Redlands Transit Route, San Bernardino to Redlands, San Bernardino, California, Project Manager. Managed corridor analysis for a 12-mile section of heavy rail that is being converted to commuter transit, with multiple new passenger stations. The corridor includes issues related to multiple hazardous waste issues, since the corridor has been in use since the 1800s. A Phase I corridor assessment identified sites with potential hazardous waste issues which could impact station construction. Phase II investigations were completed to assist in constructability analysis and construction planning. Site-specific Phase Is were conducted on potential acquisition sites.

Arizona Department of Transportation Procurement and On-call Contracts, Project Geologist/Project Manager. These contracts are a mechanism for the assignment of environmental assessment and compliance related tasks for ADOT. Task orders included the performance of Initial Site Investigations, Preliminary Site Investigation, Phase I and Phase II ESAs for corridor projects and site specific properties that are part of larger ADOT construction projects. Other tasks conducted under this contract include subsurface surveys utilizing ground penetrating radar and electromagnetic sensing, the removal of underground storage tanks, and hazardous materials support for various demolition activities.

Environmental Management

Chemical Plant Site, Brunswick, Georgia, Project Manager. Managed multi-faceted investigation, feasibility study, and interim measures implementation at a RCRA corrective action site in Brunswick, Georgia. The site is an active chemical plant that is approximately 100 year old, and specializes in the processing of performance rosin and polyterpenes. The project involves several stakeholders, including the former plant owner and operator, current plant owner and operator, a local environmental group, and a property lessee. Specific tasks included a mass flux investigation to a depth of 90 feet below land surface, three-dimensional visualization of site data, a pilot study to test the effectiveness of Plumestop® Liquid Activated Carbon™, and the design of hydraulic control system. Other project related tasks included operation and maintenance activities related to the sites RCRA permit including, inspections of the hazardous

waste storage unit, existing surface impoundments, management and disposal of waste, semi-annual groundwater sampling, and the operation of a free product recovery system.

Former HB Fuller Facility, Tampa, Florida, Project Manager. Crafted closure strategy at a former industrial facility with chlorinated solvent impacts. Demonstrated plume stability and a lack of off property migration through use of 3-D visualization. Cessation of groundwater monitoring and site closure using institutional controls were requested and approved by FDEP. FDEP has since requested a Site Rehabilitation Completion Report, with site closure anticipated by the end of 2017.

Confederate Park Contamination Assessment, Jacksonville, Florida, Project Manager. Responsible for developing scope and budget and implementing phased field efforts for site assessment investigations at a former manufactured gas plant (MGP) in Jacksonville Florida. The multi-phased field effort included collection the installation and logging of continuous soil borings using rotasonic drilling methods as well as, a variety of field-screening techniques that are unique to MGP waste investigations. Responsible for the preparation of the contamination assessment plan (CAP), contamination assessment report (CAR) and associated technical memoranda submitted for departmental review. Utilized three-dimensional solids model to illustrate subsurface geologic conditions, contaminant migration, and calculate volume estimates of impacted subsurface material.

Site Assessment, Saltwater Pipeline Release, Shreveport, Louisiana, Project Manager. Performed multiple site investigations for multiple brine pipeline releases under the Louisiana Department of Environmental Quality's (LDEQ) Risk Evaluation/Corrective Action Program (RECAP). Activities included the preparation of a site investigation workplan, advancement of soil borings, installation of monitoring wells and the removal of contaminated soil.

United States International Boundary Water Commission, New Mexico and Texas, Project Manager. Conducted a hydrogeologic assessment of the Upper Rio Grande Basin to support the Rio Grande habitat restoration project. The project involved the installation of groundwater monitoring wells and automatic water level logging at 20 restoration sites along the Rio Grande River. The information gathered during this investigation will aid USIBWC in re-planting of native vegetation in the restoration areas.

United States Postal Service (USPS), Tucson, Arizona, Project Geologist. Provided project management services for the treatment and removal of 20,000 cubic yards of soil and debris with concentrations of lead and chromium exceeding hazardous waste thresholds. Impacted soils were treated on-site using a crystallization reagent to bind the lead and cadmium to the soil preventing the contaminants from leaching out of the soil. Site activities included contractor oversight, confirmation sample collection and "hotspot delineation". The site cleanup was conducted under the Arizona Department of Environmental Quality (ADEQ) Voluntary Remediation Program (VRP). Other project responsibilities included: proposal and cost estimate preparation, preparation of an Interim Corrective Measures Workplan and Report, and subcontractor management.

Champ Mine, Remedial Investigation Feasibility Study, Soda Springs, Idaho, Lead Field Geologist. Lead field geologist tasked with managing a field activities for a remedial

investigation and feasibility study at a non-active phosphate mine in southeastern, Idaho. The investigation included identification and interpretation of regional structural geology and hydrogeology through the installation of several ground water monitoring wells and the implementation of several aquifer performance tests.

Water Resources

St. Lucie West Utilities District Waste Water Injection Well, St. Lucie County, Florida, Field Geologist. Provided oversight of operations for the installation of a 3600 ft below land surface (BLS) Class I waste water injection well in St. Lucie County, Florida. Field activities included visual and geophysical logging, construction oversight, and identification of underlying site lithology and aquifer systems.

Hycroft Resource and Development, Inc. (HDRI), Winnemucca, Nevada, Lead Field Geologist. HDRI expanded the capacity of their well field at the Hycroft Mine from 4,000 to 14,000 gallons per minute (gpm). Conducted a groundwater supply investigation including the advancement of 28 soil borings, 19 monitoring wells and 10 production wells. Aquifer testing included an 8 hour step draw down test and 3 to 5 day pump test for each production well.