

CARRIAGEHOUSE CONSULTING, INC.

Brian D. Moore
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EMPLOYMENT

2002 - Present CarriageHouse Consulting, Inc., Natick, MA.
President

1992 - 2002 Geologic Services Corporation, Hudson, MA.
Hydrogeologist, Program Manager, Sr. Project Manager

1991 Massachusetts Department of Environmental Protection, Boston, MA.
Intern at Division of Water Supply, Participation in Circuit Rider Program

EDUCATION

B.A., Environmental Science & Policy, cum laude, Boston University

CERTIFICATIONS & MEMBERSHIPS

Massachusetts Licensed Site Professional (License #8435)
New Hampshire Certified Professional Geologist (License #461)

OSHA HAZWOPER 40 Hour & 8 Hour Training
Member Massachusetts Licensed Site Professional Association
Member Geological Society of New Hampshire

PROFESSIONAL EXPERIENCE

Mr. Moore has over fifteen years experience in the private environmental consulting industry. His work experience includes providing professional services to clients throughout New England, other northeast states, and several mid-Atlantic and southern states. For the past ten years, his primary focus has been on waste site assessment and remediation in New England as a Licensed Site Professional and a Professional Geologist. Recently, he has provided litigation support services for property-specific and class-specific cases.

Mr. Moore has worked as an individual case manager and program manager for major oil companies, trucking and integrated logistics companies, regional petroleum marketers, municipal entities, property management and development firms, law firms, and other clients, including citizen participation or interest groups. He has been responsible for directing emergency response, short-term response, and comprehensive response actions at petroleum refineries, individual petroleum retailing sites, inter-modal trucking and transport locations, as well as former reclamation and recycling properties.

Prior to graduating from Boston University, Mr. Moore had already begun working as an Environmental Scientist for Geologic Services Corporation in Hudson, Massachusetts performing fundamental field sampling and oversight activities in support of assessment and investigation work. Prior experience included a paid internship with the Massachusetts Department of Environmental Protection in Boston, Massachusetts and voluntary internship with the Massachusetts State Geologist on the Jasin Pothole project in Sutton, Massachusetts.

CORE SKILLS AND PROJECT EXPERIENCE

Mr. Moore has been involved with all aspects of oil and/or hazardous materials assessment and remediation processes, including field direction and oversight. His experience in the field provides an effective balance to his regulatory expertise in providing effective site characterization and risk assessment strategies under the Massachusetts Contingency Plan and other state-specific programs.

Examples of experience include:

Refinery Release, Meraux, St. Bernard's Parish, Louisiana.

Provided litigation support by preparing work plans and assisting in multimedia sampling and data reduction and analyses of crude oil release which occurred at the time of Hurricane Katrina for plaintiffs' attorneys. Responsibilities included design and implementation of a hydrogeologic investigation, participation in media and sampling method selection, work plan review, sampling and custody documentation, graphics support and data reduction and presentation in support of lead engineer and case experts. Project work included coordination and supervision of sampling team, conceptual model development and data gap analyses, and assisting with database development, management, and QA/QC. Database and associated model covered nearly 13,000 individual data points centered on St. Bernard's Parish obtained by the plaintiffs, the defendants, and other municipal, state, and federal sources.

Chlor-Alkali Manufacturing Plant, McIntosh, Alabama.

Assisted in multimedia sampling and data reduction and analyses of historical impacts from plant operations for plaintiffs' attorneys. Responsibilities included providing fact testimony, identifying and implementing multi-media sampling program, historical data review and reduction, sampling and custody documentation, graphics support and other data reduction and presentation in support of case experts. Project work included coordination of sampling activities, conceptual model development and review, data gap evaluations, and database development and management.

Former Metals Reclamation Facility, Gardner, Massachusetts.

Provided due diligence and efficacy review to third party interested in acquiring and developing large industrial property where documented historical storage or discharge of petroleum and hazardous substances had including polychlorinated biphenyls and chlorinated solvents. Responsibilities included providing opinions and conclusions related to the appropriateness and adequacy of the remediation work and costs, review of characterization of impact and associated risks and hazards, as well as evaluation of potential development alternatives. Project work identified areas where a substantial likelihood of dioxin-impacted media existed, subsequently confirmed by the owner

Former Kerosene Manufacturing/Fuels Blending Facility, South Boston, Massachusetts.

As managing LSP, assumed managing responsibilities after comprehensive assessments indicated no permanent solution existed at property where historical bulk fuel storage and blending operations occurred. Currently engaged in application of innovative and contemporary analyses to evaluate the suitability of the temporary solution for the property, including forensic review of facets of contamination and analyses of potential modifications to recovery program methods.

Chemical Manufacturing Plant, McIntosh, Alabama.

Assisted in multimedia sampling and data reduction and analyses of historical impacts from plant operations for plaintiffs' attorneys. Responsibilities included identifying and implementing multimedia sampling program, historical data review and reduction, sampling and custody documentation, graphics support and other data reduction and presentation in support of case experts. Project work included coordination and supervision of sampling activities, conceptual model development and review, data gap evaluations, and database development and management.

Commercial Vehicle Leasing and Refueling Facility, Hartford, Connecticut.

Assumed managing role for case where significant bidding discrepancies complicated the client's ability to award the remediation system installation and operation contract. Provided direct oversight of implementation of the remedial actions and bid review process, resulting in successful and timely completion of the system installation activities and 10% overall cost reduction to the client's installation budget.

Former City Morgue/EMS Garage, Boston, Massachusetts.

As managing LSP, directed and oversaw initial and comprehensive assessment activities, including numerous Immediate Response Actions, at a portion of the property formerly used as a city morgue, but more recently as a garage for the emergency medical services of a consortium between the City and other private hospitals. Comprehensive Site Assessment completed within two (2) years demonstrated that remedial efforts had achieved a permanent solution at this site.

Intermodal Maintenance and Fueling Facility, New Bedford, Massachusetts.

Performed initial assessment of, and comprehensive response actions at, a property affected by both historical on-site sources related to petroleum storage and use and off-site sources from abutting intermodal transfer facility undergoing remediation under TSCA, RCRA, and state oversight. Comprehensive site assessment data coupled with Method 3 Risk Characterization yielded results indicating no further actions were warranted to maintain a no significant risk determination, and resulting in a permanent solution at this site without a deed restriction.

Motor Fuel Retail Facility, Wakefield, Massachusetts.

Directed the Phase II assessment and completed a quantitative Stage II ecologic risk characterization for potential exposure scenarios associated with a petroleum release which affected nearby sediments and surface waters upgradient of a surface water supply area. Managed and directed resources to install and operate groundwater recovery and treatment systems through phased process.

Petroleum Storage and Refinery Facility, South Portland, Maine.

Managed on-going hydrogeological investigations across entire terminal property, assembled historical data set and evaluated regulatory provisions to establish end-point objectives for refinery. Assisted in on-site inspection and maintenance activities, and authored reports for submittal to state, including updates to conceptual model, review and interpretation of groundwater monitoring results, and conceptual modifications to remediation plan to progress case towards closure objectives.

EPA Regions III & IV, Class V Injection Well Investigation & Closure.

Directed the investigation and permanent closure of Class V Injection wells for Major Oil Company throughout EPA Regions III and IV under a Consent Decree with the U.S. EPA. Responsibilities included investigation of current and former drain networks to identify, characterize, and permanently close structures meeting the definition of a Class V Injection Well in accordance with the terms and conditions set forth in the Consent Order. Project work included field oversight of multiple investigation teams, development and implementation of closure scopes. Project successfully completed within twelve (12) weeks of authorization to proceed.