

Scott Parker | Site Professional, Project Geologist, LSP, PG

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Professional Summary:

Mr. Parker's experience includes management at both project and program level (single client – multiple site portfolios) as well as staff management. Provides Massachusetts Contingency Plan (MCP) oversight, assessment and remediation planning services under the MCP for soil and ground water impacted sites. Provides cost evaluations of short and long term remediation options for Brownfield sites, redevelopment sites and other sites under construction. Experience working on site assessments and municipal water supply development and with multiple clients on multiple sites managing a staff of Project Managers, field scientists and technicians.

He worked closely with Design engineers and Risk assessors, including all aspects of assessment and remediation of petroleum contaminated sites. Responsibilities associated with Client and project management include management of State and Federal regulation requirements as well as client specific requirements including evaluation of short and long term environmental liability, adhering to client specific Health and Safety requirements and programs, waste management/tracking and invoicing and budget management programs and ensuring maximized effectiveness of State reimbursement programs.

Additional experience includes permitting (Massachusetts Wetlands Protection Act, EPA discharge permits, remediation general permits, New Hampshire DES Groundwater Monitoring Permit), deed restrictions - activity and use limitations, groundwater sampling, soil sampling, underground storage tank removal oversight and oversight and evaluation of response actions on behalf of insurance providers. Mr. Webster is an accomplished Safety, Health and Environmental Professional with over 25 years of experience including safety & health program development, construction safety, risk assessment and management, and safety & health training. Mr. Webster has experience in the power, environmental, construction, pharmaceutical industries. He has provided technical analysis and reports towards the resolution of insurance claims.

Licenses and Certifications:

Licensed Site Professional, MA, #9969
Professional Geologist, NH, #248
Grade 2 Wastewater Treatment Operator, MA
HAZWOPER 40-hour training and 8 hr. refresher (current)

Project Experience:

Former Retail Gasoline Station – JEMS of New England Clinton, MA

Project involved assessment of a gasoline and diesel fuel release to a residential neighborhood. Remediation involved installation of seven groundwater recovery wells, designing appropriate groundwater removal method, re-design and upgrade of existing treatment system to include oil/water separator, air-stripper, liquid phase granular activated carbon polishing, sediment filtration, pH adjuster (installed after system start-up due to changing groundwater chemistry) and integrated control panel with failsafe for unattended operation, including high pressure shut-off, and obtaining EPA NPDES Remediation General Permit for discharge. Cost of system upgrades including permitting and installation of groundwater extraction wells – approximately \$100,000.

Limited Soil Investigation/MCP Consulting

City of Waltham - Three Parcels at Former Fernald School, Waltham, MA

LSP of record for a surface soil investigation of three parcels of land at the former Fernald School site in Waltham that are planned for public recreational use. The parcels included a future park, soccer fields and a sledding hill totaling nearly 1-million square feet of green space. The investigation included soil sampling and analysis for SVOCs, metals and PCBs. Based on the historic use of the property as a hospital as well as the urban, developed nature of the Site and surrounding area, it was determined that in order to evaluate the area for potential impacts from anthropogenic sources, surficial soil samples would be collected at a frequency of one sample per 40,000 square feet. As LSP, responsible for MCP reporting and preparing notifications to MassDEP for contaminants that exceeded regulatory requirements. EFI's team completed follow-up sampling and required removal actions to maintain compliance while additional activities under the MCP are undertaken to allow future development of the parcels.

Lexington Insurance Company, Everett MA

Evaluation of petroleum gasoline release involving an overturned tanker truck along roadway. Impact from the release involved numerous homes, impact to storm drains, surface water, groundwater soil, utility conduits. Assessment includes the evaluation of feasible remedial alternatives including excavation of soil from a major roadway structure, soil vapor extraction, as well as other possible alternatives.

LSP-of-Record for Various Sites throughout MA

Selected sites for which I was or am the LSP-of-Record in the past 5 years includes but is not limited to:

- RTN 1-14639 – Buckeye Pipeline LLC
- RTN 1-13178 – Buckeye Pipeline Ludlow
- RTN 2-16312 – Former Vee Arc Building Town of Westborough
- RTN 2-13765 – Asa Waters Mansion Millbury
- RTN 4-3001524 – US Gas Randolph
- RTN 2-11094 – McKenna Electric Leominster
- RTN 2-16948 – Wekepeke Town of Clinton
- RTN 2-11249 – Follette Street Well Town of Grafton
- RTN 3-27303 – Abenaqui Carriers Everett

National Client Bottling Facility, Braintree, MA

Performing LSP of Record duties and response actions to mitigate. Responsibilities during the construction phase included coordination with site contractors regarding management of excavated material for characterization for off-site disposal including ensuring documentation of disposal, preparation of Bill-of-Ladings as well as minimization of cost related to disposal.

Municipality, Town of Grafton, MA

Continued an on-going assessment and evaluation of a chlorinated volatile compound release which was first detected in a municipal water supply well. Evaluation included assessing potential impacts to private wells, review of existing regulatory status, negotiations with MADEP regarding regulatory agreements

Pipeline/Bulk Fuel Storage Facility – Buckeye Pipeline, Ludlow, MA

Evaluation of multiple releases associated with the operation of a pipeline and bulk storage facility storing #2 fuel oil, and JP-8. Evaluation includes responding to several releases over several years associated with truck overfills, pipeline release and tank overfills. Assessment included evaluation of groundwater, soil, surface water and sediment from nearby wetlands. Monitoring is ongoing.

Petroleum Site, Motiva Enterprises, Seekonk, MA

Evaluation of gasoline release from a retail gasoline facility in a residential neighborhood. Assessment included identification of two additional sources abutting and downgradient of the site and evaluation of abutting residential water supply well. Project required extension of water supply main from the municipal water supply to the residence and active remediation of the soil and groundwater using air sparge and soil vapor extraction. Operation of the treatment system is ongoing. Cost for installation of treatment system and connection to municipal water supply – approximately \$100,000.

Retail Banking Facility, Trammell Crow Company, Roslindale, MA

Reviewed existing basement dewatering system and obtained necessary EPA discharge permits. Site is not in MCP system but does require reporting to the Massachusetts DEP. Evaluation of long-term liability is ongoing.

Municipality, Town of Westborough, MA

Conducted a "21E" site assessment for the prospective buyer of a former machine shop adjacent to the existing Fire Station. Project responsibilities included evaluation of long-term liability associated with the proposed construction of a new Public Safety building for the town on the subject property.

Petroleum Site, Motiva Enterprises, Cape Cod, MA

Evaluation of large MtBE plume on Cape Cod migrating toward numerous municipal supply wells. Evaluation included assessment of vertical migration of plume to approximately 35 feet below water table. Operation of soil vapor extraction and air sparge system at the source area and a groundwater containment remediation system designed to contain the plume to prevent additional migration. Groundwater recovery and treatment system includes two air strippers to treat extracted groundwater from two recovery wells located approximately 1,500 feet from the source area. Total cost of system design and installation – approximately \$800,000.

Petroleum Site, Motiva Enterprises, Northwood, NH

Site assessment included evaluation of gasoline (MtBE) release into an overburden and bedrock aquifer threatening and impacting several nearby residential drinking water wells. Initial response action included installation of temporary groundwater recovery system and installation of Point-of-entry-treatment systems on two wells. Full remediation system included utilizing pneumatic recovery wells via carbon absorbers.

MWRA Deer Island Sewer Treatment Plant

Rock Coring oversight - evaluated rock cores and prepared drilling logs for bedrock drilling project to aid in evaluating rock competency prior to tunneling for Deer Island Sewer treatment plant.

Professional Experience:

EFI Global, Inc., Wilmington, MA, Licensed Site Professional, 2005-Present
Parker Environmental, Clinton, MA, President, 2005-Present
Geologic Services Corporation, Hudson, MA, Sr. Project Manager, 1988-2005

Education:

BS, Geology, Saint Lawrence University, Canton, NY 1988

Affiliations:

National Groundwater Association
Licensed Site Professional Association