



Bryan Massa is a Senior Scientist and Licensed Site Professional with over 20 years of experience in the environmental field. He has worked on a variety of environmental projects throughout the United States and Mexico. His experience has included the completion of Phase I and Phase II Environmental Site Assessments for due diligence purposes, remediation design and oversight, risk assessments, landfill construction oversight and monitoring, emergency response to releases, soil gas and indoor air assessment, LSP services and environmental chemistry.

Bryan Massa, LSP

Senior Scientist

bmassa@horsleywitten.com

Areas of Expertise

Environmental Due Diligence
Environmental Site Assessment
Remediation
Environmental Chemistry
Manufactured Gas Plant Assessment and Remediation
Environmental Risk Characterization
Soil Vapor and Indoor Air Assessment and Mitigation

Professional Registrations & Affiliations

Massachusetts Licensed Site Professional
40-Hour OSHA
Massachusetts Third Party Inspector
(Landfills and White Goods)

Academic Background

Bachelors of Science, Environmental Engineering, Wentworth Institute of Technology

Professional Experience

Horsley Witten Group, Inc., Senior Scientist and LSP, August 2018 to Present
Lightship Engineering, Senior Project Manager, July 2013 to August 2018
META Environmental, Project Manager January 2009 to June 2013
Vertex Engineering, Project Manager, June 2005 to December 2008
Battelle, Environmental Laboratory Technician and Hazardous Waste Coordinator, June 2000 to June 2005

KEY PROJECTS

Assessment and Remediation of Perflourinated Alkyl Substances (PFAS) in Soil and Groundwater, Barnstable Municipal Airport, Hyannis, MA: Mr. Massa is the Licensed Site Professional (LSP) of record for a release of PFAS to soil and groundwater relating to the historic usage of aqueous fire-fighting foams (AFFF) at the Airport. Tasks have included the delineation of soil and groundwater impacts, forensic evaluation of source materials and the development of a remediation plan to cap PFAS impacted soils to reduce groundwater impacts.

Assessment of PFAS in Soil and Groundwater, Commercial Property, Carver, MA: Mr. Massa is managing the investigation of soil and groundwater relating to a release of PFAS from wastewater biosolids and other potential sources. Tasks have included the delineation of soil and groundwater impacts, groundwater elevation survey, data review and project management.

Emergency Response to a Petroleum Release at the Fuel Farm, Barnstable Municipal Airport, Hyannis, MA: Mr. Massa provided LSP services for a release of approximately 50 gallons of petroleum at the Airport's fuel farm. The services included MassDEP regulatory reporting, release assessment and remediation oversight.

Former Mill Building, Gardner, MA: Mr. Massa conducted an ASTM Phase I Environmental Site Assessment on a former mill building that had been used for the manufacturing of furniture. The former mill building had been abandoned since the mid 1980's and a private developer was interested in converting the former mill building into residential apartments. Mr. Massa identified several recognized environmental conditions ("RECs") at the site. A subsequent Phase II Subsurface Investigation identified a release of petroleum related compounds ("PRCs") from an upgradient source had impacted the site as well as chlorinated solvents relating to the historic use as a furniture manufacturer. Soil, groundwater and soil gas was impacted by the release. A sub-slab depressurization system was subsequently designed and installed at the Site during construction. A Method 3 Risk Assessment determined that a level of No Significant Risk exists at the site.

Former Mill Building, Haverhill, Massachusetts: Mr. Massa conducted an ASTM Phase I Environmental Site Assessment of a former mill building that had been used for the manufacturing of circuit boards. The former mill building had been abandoned since the mid 1990's and a private developer was interested in converting the former mill building into residential apartments. Mr. Massa identified several RECs at the site. A subsequent Phase II Subsurface Investigation identified a release of petroleum related compounds, an abandoned in place petroleum underground storage tank, and soil gas impacted with chlorinated solvents.

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Horsley Witten Group

Sustainable Environmental Solutions



Former Commercial Vehicle Painter, Braintree, Massachusetts: Mr. Massa conducted an ASTM Phase I Environmental Site Assessment on a commercial vehicle painter that had been in operation since the 1970's. Mr. Massa identified several RECs at the Site. A subsequent Phase II Subsurface Investigation identified a release of select metals and PAHs in soil relating to the historic use of the site. A Method 3 Risk Assessment determined that a level of No Significant Risk exists at the site.

Former Manufactured Gas Plant, Greenfield, MA: Mr. Massa conducted a comprehensive subsurface investigation of river sediment within the Green River as part of response actions at an adjacent former Manufactured Gas Plant. Mr. Massa advanced over 100 sediment borings within the river from a barge to delineate the extent of coal tar that had migrated into the river. The data collected by Mr. Massa was utilized to develop a comprehensive remedial action that included the excavation of thousands of tons of sediment, the re-stabilization of the adjacent river banks, the installation of a barrier wall to prevent the migration of coal tar into the river, and the installation of a passive groundwater management system to reduce groundwater mounding at the site. Mr. Massa participated in the remedial design and data review and oversaw the remediation on a daily basis over a period of approximately nine months.

Former Manufactured Gas Plant, Canandaigua, NY: Mr. Massa conducted a comprehensive subsurface investigation of river sediment and soil within and adjacent to Sucker Brook as part of response actions at an adjacent former Manufactured Gas Plant. Mr. Massa advanced over 50 borings at the site to delineate the extent of coal tar that had migrated into the river and the extent of land side contamination. The data collected by Mr. Massa was utilized to develop a comprehensive remedial action that included the diversion of the river, excavation of thousands of tons of sediment and land side soil, and the re-stabilization of the adjacent river banks. Mr. Massa participated with the remedial design and data review and oversaw the remediation on a daily basis over a period of approximately 12 months.