

## ***James J. Decoulos, PE, LSP***

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### ***CERTIFICATION***

Professional Civil Engineer, Massachusetts  
Licensed Site Professional, Massachusetts  
Soil Evaluator, Massachusetts, satisfying 310 CMR 15.017  
Third party underground storage tank inspector, Massachusetts

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### ***EDUCATION***

B.S., Civil Engineering, Northeastern University, 1986

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### ***PROFESSIONAL AFFILIATIONS***

Association of Massachusetts Wetlands Scientists  
Licensed Site Professional Association, Former Chair (2008-2009), Loss Prevention Committee  
Massachusetts Association of Conservation Commissions  
National Association of Industrial and Office Properties

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### ***RECENT PUBLICATIONS***

"Many Masters", James J. Decoulos and Jeanine Grachuk, Esq., LSPA News, June, 2007  
"Improving AULs", James J. Decoulos, Peter J. Feuerbach, Esq.  
and James S. Young, LSPA News, March, 2008  
"Subcontracting Practices Between Professionals", James J. Decoulos, Peter J. Feuerbach, Esq.,  
and Paul A. McKinlay, LSPA News, April, 2009  
"The Seductive Substitute for Precision", James J. Decoulos, LSPA News, February, 2010

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### ***COMMUNITY SERVICE***

Belmont Sewer and Stormwater Committee  
Tri-Community (Arlington, Belmont and Cambridge) Working Group on Flooding Issues  
St. Nicholas Greek Orthodox Church, Lexington; Parish Council President

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### ***MAJOR RECENT EXPERIENCE***

Technical Consultant for contract with the U.S. Environmental Protection Agency (EPA) to develop a web based Leaking Underground Storage Tank Corrective Action Compendium. The purpose of the Compendium is to provide state and federal leaking underground storage tank (UST) remediation specialists with resources and information on UST issues and how to properly address leaks from USTs.

Project Manager for a due diligence environmental investigation of an industrial property along the banks of the Annisquam River in Gloucester, MA at an industrial site seeking to be redeveloped into residential use. The work was performed for Danversbank to evaluate financing the brownfield project.

Project Manager and LSP-of-Record for the removal of 123 tons of LNAPL contaminated soil from a former machining operation in Middleton, MA. Twelve inches of Light Non-Aqueous Phase Liquid (LNAPL) were identified during a due diligence investigation in an area where prior work had allegedly achieved a permanent solution. The LNAPL impacted soil was excavated and transported to an approved facility for recycling. Confirmatory soil and groundwater allowed for a new permanent solution to be achieved.

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***MAJOR RECENT EXPERIENCE (continued)***

Project Manager and LSP-of-Record for the removal of a heating oil UST for the Beverly Farms Fire Department in Beverly, MA. Due to tight site constraints, oil contaminated soil that remained in place after the UST removal was chemically oxidized to reduce risk and achieve a permanent solution.

Project Manager and LSP-of-Record for the removal and permanent closure of 546 tons of PCB remediation waste from a commercial property in Middleton, MA. The work was performed and completed under EPA's self-implementing cleanup and disposal requirements under 40 CFR §761.61.

Project Manager and LSP-of-Record for the removal of 410 tons of metal contaminated soil from a former tannery in Salem, MA. The removal action limited excavation and cost through the field screening of metals using an x-ray fluorescence meter on site. A Class A3 RAO was achieved with the filing of an AUL at the South Essex Registry of Deeds.

Project Manager and LSP-of-Record for the removal of 67 tons of petroleum contaminated soil from a UST at a residential property along the banks of the Ebben River in Essex, MA. The work was conducted within the riverfront area under the MA Wetlands Protection Act and permitting was required through the Essex Conservation Commission. A Class A2 RAO was achieved under the MCP.

Limited Removal Action oversight under 310 CMR 40.0318 of the MCP to remediate the release of petroleum at the shellfish hatchery on the northern end of Plum Island for the Massachusetts Division of Marine Fisheries.

Project Manager and LSP-of-Record for the removal of 67 tons of gasoline contaminated soil originating from a UST at the Kernwood Country Club in Salem, MA. The action was completed in close proximity to the banks of the Kernwood River and a Class A2 RAO was achieved.

Project Manager and LSP-of-Record for the closure of three USTs from the former Vincent's Potato Chip Company, Inc. in Salem, MA. Two of the USTs required soil and groundwater responses under G.L. c. 21e and the Massachusetts Contingency Plan (MCP), 310 CMR 40.0000. A groundwater pump and treat system was effectively implemented to achieve a satisfactory background groundwater condition.

Project Manager and LSP-of-Record for the closure of a 750 gallon heating oil UST from a former chicken farm in Essex, MA. Contaminated soil was excavated and recycled at the Aggregate Industries facility in Stoughton, MA. A Class A2 RAO was achieved under the MCP.

Project Engineer for the permitting of a proposed shellfish hatchery in Aquinnah (formerly known as Gay Head), MA on the island of Martha's Vineyard. Permitting involved coordination of approvals through Executive Office of Environmental Affairs (EOEA), MA Coastal Zone Management (CZM), MA Department of Environmental Protection (DEP), MA Division of Marine Fisheries (DMF), U.S. Army Corps of Engineers (COE) and the U.S. Environmental Protection Agency (EPA). Work was performed for the Wampanoag Tribe of Gay Head (Aquinnah), a federally acknowledged Native American Indian Tribe.

Project Director for the removal oversight of six USTs from a former estate in Canton, MA. Final report detailing activities prepared for the Massachusetts Audubon Society. The site was fully restored and a Class A2 RAO was achieved.

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***MAJOR RECENT EXPERIENCE (continued)***

Project Manager and LSP-of-Record for the removal of two 10,000 gallon USTs at the Beverly High School. 56 tons of petroleum contaminated soil was removed and incinerated at an approved facility in Loudon, NH. Second phase of project involved the discovery of residual petroleum contamination during a major expansion of the High School. 1836 tons of petroleum contaminated soil was removed and recycled at an approved facility in Eliot, ME.

Project Engineer for the closure of the Aquinnah Landfill on Martha's Vineyard. Coordinated the construction document preparation, closure oversight and site assessments for the Town of Aquinnah. The aggressive closure schedule was completed in time and under budget.

Project Reviewer for the Town of Saugus, MA Conservation Commission. Reviewed the stormwater collection system design and hydraulic discharge from a proposed 39 lot subdivision. Coordinated neighborhood concerns of project impact with the Conservation Commission to control downgradient project impacts.

Project Director for the preparation of a Water Quality Assessment on 160 acres of land in Aquinnah, MA for the Wampanoag Tribe. The project, funded under a grant from EPA, examined background water quality, existing and proposed conditions of Tribal lands and their impact on groundwater quality, watershed analysis, and the development of a Non Point Source protection program to educate Tribal members on the importance of preserving existing water quality within an EPA designated sole source aquifer.

Project Engineer for the design and construction oversight of a new upgraded septic facility for a 263 seat restaurant in West Yarmouth, MA. Upgrade performed while maintaining full operation of restaurant.

Project Engineer for the representation of a neighborhood group in the Wingaersheek Beach area of Gloucester, MA. Represented group in reviewing existing flood problems and the impact of additional septic system discharges to the area resources.

Project Engineer for the preparation of construction documents for a proposed 2500 foot access road in Aquinnah, MA and the implementation of innovative stormwater controls to minimize impacts into Squibnocket Pond. Documents prepared for the main roadway into the Wampanoag Tribal lands. Responsible for the wetlands filling, replication and permitting through local, state and federal agencies.

Project Director for the petroleum remediation of soil and groundwater at a residence abutting Radcliffe College in Cambridge, MA. 65 cubic yards of contaminated soil were recycled and a pump and treat groundwater remediation system was implemented. The site was fully restored and a Class A2 RAO was achieved.

Project Engineer for the permitting and design of a proposed 300,000 square foot retail shopping center on Route 114 in Peabody, MA. Coordinated approvals through the Massachusetts Environmental Policy Act (MEPA) Unit, the Massachusetts Highway Department and the City of Peabody Conservation Commission.

Project Engineer for the contaminated soil screening and reuse of over 500,000 cubic yards of soil in City Square, Charlestown for the Massachusetts Highway Department. The work was one of the first phases of the "Big Dig Project" and referred to as the Central Artery North Area (CANA) project.

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***MAJOR RECENT EXPERIENCE (continued)***

Project Manager for program to upgrade existing USTs for the Massachusetts Bay Transportation Authority (MBTA) to comply with Federal and State regulations. Guidelines included developing plans and specifications for the testing, removal and installation of 158 existing and new USTs at 39 different facilities. The entire UST inventory was prioritized for replacement, upgrade or removal.

Project Engineer for an 18 hole municipal golf course for the City of Peabody, MA: The municipal golf course is located within 400 acres of open space in the cities of Peabody and Salem. The project was led by the golf course architects Cornish, Silva & Mungear of Uxbridge, MA with technical support provided by Decoulos & Company, Sasaki Associates of Watertown, MA and GeoHydroCycle of Newton, MA. The City of Peabody received a \$500,000 grant from the MA Division of Conservation Services and reused old industrial land owned by the Eastman Gelatine Corporation (a division of the Eastman Kodak Company). The project sought to preserve as much undisturbed land as possible, protect abutting public surface drinking water supplies and reuse brownfield land as part of a comprehensive passive recreational use for the area.

Project Manager for the technical oversight of the remediation of Superfund hazardous waste sites for the New York State Department of Environmental Conservation. Evaluated technical methodologies and remediation contracting to ensure successful clean up and closure.

Project Manager for development of a Closure Plan to site a 660,000 s.f. General Mail Facility and a 22,600 s.f. Vehicle Maintenance Facility for the U.S. Postal Service on a former ash landfill in Brooklyn, NY. Plan involved capping the 35 acre site with a combination of pavement, concrete and geomembrane liner, along with an active sub-slab ventilation system, to ensure a safe working environment for postal workers and machinery. Developed Operations & Maintenance Manual to provide for the proper functioning and maintenance of remediation controls.

Drainage analysis and culvert design for the Town of Wayland, MA. Work was part of reconstruction program undertaken by Town to improve roadway system. Also involved in preliminary plan preparations for roadway design.

Project Engineer for Industrial Park Expansion in Montague, MA. Responsible for complete preparation of plans and specifications for extension of an industrial roadway over 4000 feet. Redesigned sewerage pump station to service new expansion along with a full sewerage collection system to service new facilities.

Project Engineer for preliminary plan approval of a 140 lot residential subdivision in Shrewsbury, Massachusetts. Major task of approval process involved a complete drainage study of proposal to ensure capability of plan.