

ENVIRONMENTAL ENGINEERING AND REMEDIATION

Atlantic Design Engineers, LLC. is a full service environmental engineering and sciences company whose expertise in hazardous materials/waste includes:

- ◆ Licensed Site Professional (LSP) Services
- ◆ Environmental Site Assessments for Property Transfers
- ◆ Subsurface Soils and Hydrogeological Analyses
- ◆ Soil Vapor Gas Surveys
- ◆ Groundwater and Soil Remediation System Design, Installation, & Operation
- ◆ Environmental Audits for Commercial and Industrial Activities
- ◆ Underground Storage Tank Testing, Removal, and Installation
- ◆ RCRA/EPCRA Compliance Reviews and Audits
- ◆ Emergency Response Services
- ◆ Health and Safety Plans for Hazardous Waste Site Operations
- ◆ Litigation Support and Expert Testimony

Our environmental services are enhanced by our environmental engineering software programs and our state-of-the-art computer-assisted design and drafting system. Use of these tools allows us to readily complete the groundwater modeling, remedial design calculations, and technical drawings integral to hazardous materials/waste projects. Our staff of 10 professionals is dedicated to developing innovative solutions and to providing the highest quality technical services to our clients.

REPRESENTATIVE PROJECTS

The following assignments are representative of Atlantic Design Engineers, LLC services in the hazardous materials field.

Licensed Site Professional Services

Atlantic Design Engineers, LLC offers Licensed Site Professional services to ensure that the work is completed in accordance with the Massachusetts Contingency Plan (MCP). We have the technical knowledge and experience to define and remediate existing problems, meet regulatory criteria, implement management plans and use treatment technologies that work. Our LSPs on staff are fully qualified to provide our Clients with the wide range of services needed to fulfill the requirements of the MCP.

Environmental Site Assessments

Environmental Site Assessments, subsurface soils investigations, hydrogeological studies and soil vapor gas surveys have been conducted on over 300 sites in the New England Region. These studies have been prepared to determine potential environmental liability, contaminant levels in soils and groundwater and to evaluate potential impacts on environmentally sensitive areas such as public drinking wells, aquifers, endangered species habitat, etc. Services provided include data research, installation of borings and monitoring wells, soil and groundwater sampling and analysis and review of site conditions relative to applicable federal and state regulations.

Groundwater and Soil Remediation Design, Installation, & Maintenance

Once the nature and extent of contamination of soil, air and groundwater is identified, remedial design alternatives are reviewed in terms of both effectiveness and cost to implement. Clean-up options are reviewed based upon required clean up levels, technical efficiencies, long term liabilities, and overall costs. The remedial plan is submitted for regulatory approval and, once approved in concept, detailed plans and specifications (performance standards) are prepared for the clean-up. Our services include remedial system installation, operation and maintenance.

Remedial measures we have used at sites include: soils excavation and disposal; low temperature thermal desorption; soil vapor extraction; asphalt encapsulation; bio-remediation; on-site groundwater pumping and treatment such as dual phase extraction, air stripping, carbon treatment and oil water separation; and, other physical/chemical or biological treatment processes.

Our knowledge of the regulatory process helps ensure that work is conducted in a successful manner. Our start-to-finish capabilities in site assessment, remedial design, installation of remedial measures and operations and maintenance save our clients time and money.

SELECT CLIENTS

A.D. Makepeace Company	Wareham, MA
Arthur D. Little, Inc.	Cambridge, MA
Bank of Boston	Yarmouthport, MA
Berkshire Bank.....	Pittsfield, MA
Browning-Ferris Industries, Inc.	Brighton, MA
Canal Electric Company	Sandwich, MA
Canal Fuel Company.....	Sagamore, MA
Cape Cod Bank & Trust Company	Hyannis, MA
Cape Cod Five Cents Savings Bank	Orleans, MA
Cape Cod & Islands Board of Realtors	W. Yarmouth, MA
Cape Cod Regional Transit Authority	Dennis, MA
Citizens Bank	Lincoln, RI
ConServ Group	Sagamore Beach, MA
Davol Inc.....	Cranston, RI
Falmouth Cooperative Bank	Falmouth, MA
Hood Companies.....	Uxbridge, MA
Hoyt Manufacturing Corporation.....	Westport, MA
HNTB.	Boston, MA
Hyannis Marina.....	Hyannis, MA
Jacobs Engineering Group, Inc.	Otis ANGB, MA
Kingman Marina, Inc.	Cataumet, MA
Kingston Oil and Gas, Inc.....	Kingston, MA
Kingston, Town of	Kingston, MA
Laham Management Corporation	Sandwich, MA
Lakeville, Town of.....	Lakeville, MA
Massachusetts Maritime Academy	Buzzards Bay, MA
Marty's GMC.....	Plymouth, MA
Mirant Canal	Sandwich, MA
Miskinis Motors	Hyannis, MA
Mass Bay Associates Realtors	Marshfield, MA
Mulligan Company	Plymouth, MA
Nantucket Bank.....	Nantucket, MA
New Bedford, City of.....	New Bedford, MA
New England Golf Cars	Seekonk, MA
New Seabury Corporation.....	New Seabury, MA
OHI Engineering, Inc.	Mansfield, MA

P.A. Landers, Inc.....	Hanover, MA
Plymouth & Brockton Bus Company	Plymouth, MA
Plymouth Savings Bank	Plymouth, MA
The Pyramid Companies.....	Kingston, MA
Rockland Trust Company	Rockland, MA
Salem Five Cent Savings Bank.....	Raynham, MA
Sandwich Community School.....	Sandwich, MA
Sandwich Cooperative Savings Bank	Sandwich, MA
South Shore Housing Authority	Kingston, MA
South Shore National Bank, Cape Cod Region	Falmouth, MA
Tedeschi Food Shops	Rockland, MA
Taunton, City of	Taunton, MA
The Realty Advisory, Inc.	Osterville, MA
Vital Med. Inc.	Lakeville, MA
Well Built Homes	Fall River, MA
Weymouth, Town of	Weymouth, MA
Woods Hole, Martha's Vineyard & Nantucket Steamship Authority	Woods Hole, MA

REFERENCES

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