

# **MARC I. CASSLAR, P.G., L.E.P.**

## **PRINCIPAL**

### **Experience**

Mr. Casslar is the principal and founder of GeoQuest, Inc., an environmental consulting firm based in Bloomfield, Connecticut. In addition, he is a Connecticut Licensed Environmental Professional and registered professional geologist with over 40 years of experience in consulting, industry, and academia. He has developed site contamination evaluation programs, assessed environmental liability of industrial manufacturing facilities, developed underground and aboveground storage tank management programs, evaluated the potential for contaminant migration from industrial sites, and provided expert testimony for a variety of environmental litigation and arbitration actions. In addition, he was a member of the ASTM Phase I Site Assessment Committee, has served on an ad-hoc committee for the development of a regulatory guidance document, and has presented seminars on environmental compliance programs and the risk associated with subsurface environmental impairment.

### **Specific Project Experience**

Mr. Casslar's project experience includes:

Development of a technical approach to handling environmental assessments of large real estate portfolios to be transferred as part of a merger or acquisition.

Project Manager for remedial investigations and remediation of industrial and commercial facilities with contamination of surface and subsurface soils and groundwater.

Environmental compliance and pollution liability insurance audits of industrial operations including mining, manufacturing and chemical processing facilities. Audits have included hazardous material and waste generation, treatment, and storage facilities.

Development of underground storage tank policies and programs for major industrial facilities to insure compliance with applicable federal and state environmental regulations and corporate guidelines.

Evaluation of geological and hydrological data to assess the environmental risk posed by commercial, industrial, and agricultural properties and their associated surface and subsurface contamination.

Analysis of risk and negotiation of responsibilities related to environmental issues at commercial, industrial, and agricultural properties.

Development of responses and negotiations relative to regulatory orders, notices of violations, and subpoenas involving environmental issues at commercial and industrial properties.

Project Manager on environmental site assessments for industrial and commercial facilities in response to the Connecticut "Property Transfer Act" and "Remediation Standard Regulations".

Expert testimony related to soil and groundwater contamination, movement of contamination in the environment, and regulatory aspects of environmental issues.

Mr. Casslar's experience includes a number of other positions in the environmental and geochemical sciences. These positions and associated responsibilities include:

Senior Environmental Engineer responsible for ensuring that manufacturing facilities with a 900 acre complex and six satellite facilities were in compliance with federal and state environmental regulations. These projects included development of a corporate UST management program, investigation and remediation of contaminated soils and groundwater, and modernization of a hazardous waste treatment plant.

Principal Scientist responsible for remedial investigation/feasibility studies, geologic and hydrogeologic site investigations, and evaluation of hydrocarbon transport and attenuation mechanisms.

Geochemist responsible for the development of geochemical programs for the assessment of hydrocarbon potential, the design and installation of a laboratory automation system, and the evaluation of the potential uses of GC/MS and image analysis systems for petroleum exploration.

Prior to employment in industry, Mr. Casslar conducted isotope geochemistry research at Columbia University's Lamont-Doherty Geological Observatory for five years.

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**Education**

Master of Science Coursework, Geology and Geochemistry, Queens College, City University of New York

Bachelor of Science, Geology and Chemistry, State University of New York at Albany, 1975

**Professional Registrations**

Connecticut Licensed Environmental Professional  
New Hampshire Registered Professional Geologist  
Pennsylvania Registered Professional Geologist

**Continuing Education (selected courses)**

Effective Site Characterization  
Site Characterization Techniques for DNAPLs  
Conceptual Site Modeling  
Remediation Technologies for VOCs  
ASTM Phase I Site Assessments  
Groundwater Pollution and Hydrology

**Background Summary**

1993-Present	Principal and Founder, GeoQuest, Inc
1992-1993	Project Manager, Weston & Sampson Engineers
1987-1991	Senior Associate, Environmental Risk Limited
1985-1986	Senior Environmental Engineer, Pratt and Whitney Aircraft
1984	Principal Scientist, TRC Environmental Consultants
1981-1983	Geochemist, Gulf Oil Company
1976-1980	Research Assistant, Lamont-Doherty Geological Observatory, Columbia Univ.

**Professional and Honorary Societies**

Environmental Professionals of Connecticut  
Sigma XI

**Industrial and Regulatory Committees**

American Society of Testing Materials (ASTM)  
Phase I Site Assessment Committee

Connecticut Department of Environmental Protection's "Transfer Act Site Assessment" Guidance Document Task Force

**Publications and Presentations**

"Connecticut Property Transfer Act & Connecticut Remediation Standard Regulations", Guest Lecturer for Environmental Practice Clinic, University of Connecticut Law School, Fall 2010/Spring 2011

Casslar, M., "Brownfield's development – What are the hidden challenges?", New England Real Estate Journal, June, 2010

Casslar, M., "Avoid Environmental Roadblocks When Purchasing Property", New England Real Estate Journal, November, 2009

Casslar, M., "Contamination Issues Can Slow Site Acquisition", Connecticut Law Tribune, July, 2009

Casslar, M., "Environmental Site Assessments - What Are My Options", Connecticut Developers Council, October, 2002

Casslar, M., "Recent Environmental Legislation and the Impact on Connecticut Businesses", Greater Hartford Chamber of Commerce Business Expo, June, 1997.

Casslar, M., "Environmental Law: Legislative Changes '95, What Every Business Needs to Know", The Forum, September, 1995.

Casslar, M., "Environmental Risk Management - Underground Storage Tanks and the Industrial Property Manager", Industrial Real Estate Managers' Association, Wallingford, Connecticut, May, 1991.

Casslar, M., "Let's Make a Deal - Buying and Selling Contaminated Property", The Real Estate Exchange, Hartford, Connecticut, April, 1990.

Casslar, M., "Risk Assessment for Groundwater Contamination and Pollution Control: The Importance of Groundwater", 27th Annual Risk Management and Employee Benefits Conference, Risk and Insurance Management Society, Atlanta, Georgia, April, 1989.

Casslar, M., "Underground Storage Tanks: Management-Technology-Liability", Co-Chairman of Seminar sponsored by the CT Forum of Regulated Environmental Professionals, Hartford, Connecticut, February 9, 1987.

Casslar, M., Unites, D., & Wolf, J., "Pumped Removal of Immiscible Phase Fluids", National Water Well Association Conference on Aquifer Restoration and Groundwater Monitoring, Columbus, Ohio, May, 1984.