

Dennis L. Caputo, CHMM, REM, CEP, QEP
Quest Consulting, Inc.
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EDUCATION:

BS Plastics Technology –University of Massachusetts at Lowell, Lowell, MA
MS Industrial Management – Clarkson University, Potsdam, NY
MS Environmental Management – University of Houston Clear Lake, TX
MA Theological Studies (all but thesis) – Houston Graduate School of Theology, TX
Post Graduate Studies:
 Environmental Hazards – University of Houston Clear Lake
 Geology – University of Waterloo, Ontario, Canada

Short Courses:

- The ASTM E 1527 Standard for the New Millenium – Environmental Data Resources, 2000
- EPA Innovative Treatment Technologies (for contaminated media) Course – 1999
- Air & Waste Manage Association Hot Air Topics Conference – 1999
- TNRCC Air Permitting Seminar – 1998
- 10th Annual Texas Environmental Superconference
- 28th and 26th Annual Conferences on Environmental Law – ABA Section of Natural Resources, Energy and Environmental Law
- Managing Contaminated Property – AIG Environmental, 1998
- Environmental Law Developments Seminar – Morgan, Lewis & Backius, 1995
- Clean Air Act Amendments: Impacts on Industry – ENSR Consulting, 1991
- Fundamentals of Groundwater Protection – Geraghty & Miller
- Petroleum Hydrocarbons and Organic Chemicals in Groundwater – Prevention, Detection and Restoration - National Water Well Association & American Petroleum Institute
- Groundwater Pollution and Hydrology – Princeton Associates
- Land Disposal Restriction Workshop – Bryan Cave, 1993
- Industrial Hygiene for Environmental Managers – Texas State Technical College, 1992
- Seminar on RCRA Corrective Action Stabilization Technologies – EPA, 1992
- Wetlands Regulations: Impact on Industry Seminar – ENSR Consulting & Engineering, 1991
- Hazardous Materials Management – New Jersey Institute of Technology, 1991
- Property Transfer Seminar – Jones, Day, Reavis & Pogue, 1986
- Hazardous Material Spill Response School – Texas A&M, 1984
- Recent Environmental Developments – Jones, Day, Reavis & Pogue
- Environmental Issues for the 1990's – McGinnis, Lochridge & Kilgore
- RCRA Corrective Action Seminar – ENSR Consulting & Engineering, 1992

- Implementing Bioremediation Technology – ENSR Consulting, 1991
- 4th Annual National Symposium on Incineration of Industrial Wastes – Toxcon Engineering, 1990

PROFESSIONAL HISTORY:

1997 – Present	Quest Consulting, Inc. - President, Principal Consultant
1989 – 1997	Proler International Corp. – Vice President, Environmental and Safety Compliance
1980 – 1984, 1993	Adjunct Professor in Environmental Management, University of Houston Clear Lake
1985 – 1989	ENSR Consulting & Engineering, Principal Consultant and Supervisor of Hydrogeology and Safety Sections
1980 – 1984	Gulf Oil Chemical Co., Environmental Manager Gulf Oil Products Co., Environmental Coordinator
1969 – 1980	Exxon Chemical Americas/Exxon Research & Engineering, Environmental Coordinator, Plant Supervisor, Staff Engineer
1971	US Naval Flight Officer

PROFESSIONAL REGISTRATIONS:

- Certified Hazardous Material Manager, Masters Level, #3082
- Registered Environmental Manager, #3062
- Certified Environmental Professional, Environmental Operations, # 1609
- Qualified Environmental Professional, #06940072
- Member, The American College of Forensic Examiners
- Diplomate of the American Board of Engineering and Technology, #20937

RELATED PROFESSIONAL EXPERIENCE:

Consulting Project Experience – Mr. Caputo’s related project experience includes:

- Sheridan (TX) Superfund site – Mr. Caputo directed the RI/EA for the PRP Committee for this EPA Superfund site where a hazardous waste incinerator, an evaporative impoundment and a waste holding and separation pond formerly operated.
- Refineries in Texas, Oklahoma and Wyoming – Mr. Caputo investigated releases into soil and groundwater and evaluated remediation and closure alternatives from evaporative ponds, solid waste management units and impoundments at these refineries.
- Gas plant (West Texas) – Mr. Caputo directed investigation of releases into the soil and underlying groundwater from a series of evaporative ponds, remediation of the soil and groundwater and closure.
- American Petroleum Institute – Mr. Caputo directed a major study of management practices of oil and gas exploration and production wastes including the use of evaporative ponds for managing produced waters. The study included evaluation of releases to the soil and groundwater from evaporative ponds in the western US.

- Chemical facilities (various) – Mr. Caputo investigated releases from impoundments and evaporative ponds used in the management of waste waters from these operations.
- Leaking Underground Storage Tanks (various) – Mr. Caputo has investigated and/or remediated soil and groundwater contaminated from LUSTs including soil removal or treatment, product recovery and groundwater treatment for clients throughout the US.

Proler International Corp. – Mr. Caputo was the corporate officer responsible for environmental compliance for 22 facilities in the US and Mexico. These included scrap metal recycling plants, chemical detinning plants, a hazardous waste recycling plant, and a chemical manufacturing plant. He was responsible for environmental operations, release investigations and closure of evaporative ponds, landfills, waste piles and impoundments in Arizona, Florida, Texas, and Washington.

Mr. Caputo, as the responsible corporate officer, led the successful defense of the company, a corporate officer, a general manager and a plant manager against alleged RCRA criminal violations that occurred prior to his arrival at Proler.

Mr. Caputo directed investigation and/or remediation of contaminated properties including groundwater in Texas (three sites), Arizona, Utah, Washington, Massachusetts, New Jersey, Rhode Island, California (three sites), Illinois (two sites), Kansas (three sites), and Florida.

Gulf Oil Chemical Co. – As environmental manager, Mr. Caputo was responsible for compliance of 72 chemical plants in 28 states. He represented Gulf Oil Chemical Company on Superfund PRP Steering and/or Technical Committees for 24 Superfund Sites. He also directed investigation of releases of chemicals including PCB's and dioxins to soil and groundwater from chemical and fertilizer plants and explosives facilities in Texas, Kansas, New Jersey. He headed Gulf Oil Chemical Company's nationwide emergency spill response program.

Mr. Caputo, as the Gulf Oil Chemical Co. representative at the Chemical Manufacturers Association, testified on behalf of CMA before the National Academy of Science on releases of hydrocarbon contaminated water through clay liners and at the EPA Office of Research and Development. He served on the CMA RCRA Technology Task Force.

Mr. Caputo developed and implemented the corporate wide environmental due diligence program for acquisitions and divestitures for Gulf Oil Corporation.

Gulf Oil Products Co. – As environmental coordinator, Mr. Caputo was responsible for directing Gulf's leaking underground response program for service stations in the southern portion of the US. In addition, he was responsible for providing the same support and direction for releases from bulk petroleum terminals. He directed investigation efforts and soil and groundwater remediation for hydrocarbon releases at over 40 sites in a dozen states.

He was also responsible for hydrocarbon release investigations at 650 service stations and 13 bulk terminals when Gulf sold its assets in the southeastern US to BP.

Exxon Chemical Americas/Exxon Research and Engineering – Mr. Caputo was environmental coordinator for the Exxon Baytown Olefins plant, section supervisor in the Baytown Chemical Plant and staff engineer for Exxon Research and Engineering. He was also a member of the Refinery/Chemical Complex State Implementation Plan coordinating panel.

University of Houston Clear Lake – As adjunct professor in environmental management, Mr. Caputo has taught courses at the graduate level in solid waste management and undergraduate level in environmental permits and procedures. He has been a guest lecturer in the environmental law courses at the University of Houston Law School and South Texas College of Law. He has also lectured on industrial waste management practices at the University of Texas, School of Public Health.

EXPERT TESTIMONY:

Mr. Caputo has provided expert witness testimony on:

- Hydrocarbon contamination of the Edwards Aquifer (Texas) from a leaking underground storage tank.
- Siting Issues for a Subsurface Salt Dome Hazardous Waste Disposal Facility (Texas).
- Evaluation of probable causes of an industrial accident (Washington).
- Probable source of soil and groundwater contamination of commercial property (Texas)
- Adequacy of Phase I and limited Phase II in identifying possible contamination of industrial property

COMMITTEE AND RELATED PROFESSIONAL ACTIVITIES:

Presidential Regulatory Reform Initiative, 1995 – 1996

White House Briefing and Conference on Environmental Technology, 1996

White House Briefing and Industry - Government Conference, Forging a Competitive Agenda for US Industry: A Common Agenda for Industry and Government Environmental Protection and Innovation, 1996

EPA RCRA Rifle Shot Initiative, 1995

White House Small Business Environmental Task Force, 1993/94

US Department of Energy

- Argonne Laboratory Shredder Residue Oversight Committee
- EPRI Plasma Arc Oversight Committee

Institute of Scrap Recycling Industries

- Environmental and Legislative Committee, 1989 -1998
- *Ad Hoc* Environmental Task Force
- Environmental Guidance Manual – contributing author
- Storm Water Task Force
- Title V Air Task Force
- Safety Committee – Vice Chairman, 1996 – 1998

Recycling Research Foundation – Board of Directors 1995 - 1999

Chemical Manufacturers Association – RCRA Technology Task Force, 1980 - 1985

Houston/Galveston Area Council of Governments

- Natural Resource Advisory Committee, 1980 – Present; Vice Chairman 1994 – 1999; Chairman 1999 – 2001.
- Solid Waste Task Force, 1994 - 1996
- Recycling Committee – Chairman, 1994
- Solid Waste Grant Review Committee – Chairman, 1995

Greater Houston Partnership

- Pollution Prevention/Waste Minimization Task Force, 1992
- Environmental Legislative Committee, 1992 – 1993

The Keystone Center

- Hazardous Waste Facility Siting Panel
- Definition of Solid Waste Committee
- National Hazardous Waste Management Strategies Project
- Resource Conservation & Recovery Act Reauthorization Forum

The Institute of Electrical and Electronics Engineers – IEEE Environment, Health and Safety Committee, 1996 - 1998

“ENVIRONMENTAL REGULATION AND PERMITTING” magazine - Editorial Advisory Board Member

HazMat Southwest Conference, Advisory Committee, 1990 - 1993

PROFESSIONAL SOCIETIES:

Air and Waste Management Association
 Institute of Hazardous Material Management
 Institute of Professional Environmental Practice
 National Association of Environmental Professionals
 Water Environment Federation
 Texas Hazardous Waste Management Society
 Texas Association of Environmental Professionals
 Society of Plastics Engineers – Senior Member
 American Society of Safety Engineers – Professional Member

HONORS:

- Who’s Who Environmental Registry
- Who’s Who Honored Professional

PATENTS

Mr. Caputo is the co-inventor of U. S. Patent No. 5,468,281, METAL SHREDDER RESIDUE - BASED LANDFILL COVER. This patented process and product (“PROPAT”) converted a waste into landfill cover material. The client saved over \$4,000,000 in four years with a capital investment of only \$50,000. Testing by the

National Research Council Canada, Institute for Environmental Research and Technology demonstrated that this cover material reduced the level of hazardous constituents in landfill leachate.

PUBLICATIONS AND PRESENTATIONS

Provided editorial review of chapter manuscripts and worked with editor integrating chapters of Air Emissions, Baselines & Environmental Auditing, Jacqueline Shields, ed.