



Kerry M. Hanlon, PG, LEP
Unicorn Management Consultants, LLC
Director of Geotechnical Services

SUMMARY

- Fourteen years of environmental consulting experience including development and implementation of sampling & analysis plans; hydrogeologic study design and implementation; remedial investigations and feasibility studies; analytical data review, reduction, and interpretation; and, review and evaluation of applicable regulations and guidance.
- Fourteen years of environmental project management experience including developing project cost estimates and schedules, tracking budgets, and communication with clients and regulatory agencies.
- Fourteen years of environmental project experience including inorganic, organic, and radiological contaminants and wastes in various media including air, soil, sediments, surface water, groundwater, and building materials.
- Fourteen years of experience working with and under various federal environmental programs including CERCLA/SARA, RCRA, CWA, SDWA, FIFRA, OSHA, CAA/CAAA, and environmental programs in 20+/- U.S. states.

EDUCATION

ME, Water Resources, Miami University, 1989 (Coursework Completed)
MA, Geology (Hydrogeology), Miami University, 1989 (Degree Awarded)
BS, Geology, S.U.N.Y. Brockport, 1987 (Degree Awarded)

QUALIFICATIONS AND EXPERIENCE

Expert Testimony/Environmental Counsel Support - Provided expert technical affidavit which resulted in successful petition for New York State Superfund Site Registry reclassification of 100 acre former rail yard in Buffalo to Class 5 (No Further Action Warranted). Provided expert technical affidavit in cost recovery action against purchaser of real property in Buffalo, NY. Provided deposition in action against seller of real property in Illinois. Prepared written and provided oral testimony before local and state agencies addressing various environmental issues associated with siting of proposed gas fired power plant in the Town of New Milford, Connecticut. Prepared written testimony for Town of Southbury, Connecticut addressing various environmental issues associated with siting of proposed gas fired power plant in neighboring Town of Oxford, Connecticut. Preparation of response to proposed non-binding allocation of responsibility for Delaware State Superfund Site.

Site Investigations - Preparation and implementation of Sampling and Analysis Work Plan for pre-remedial characterization of a 15-acre brownfield redevelopment site in Shelton, Connecticut. Phase III site characterization an 18 acre former commercial/industrial facility in Houston, TX comprising an extensive boring program to determine vertical and horizontal extent of lead contaminated soils and groundwater, and characterization of approximately 50 abandoned drums. Waste characterization and classification study, ground water investigation, and remedial option investigation of a 16-acre former automobile scrap yard containing 34,000 c.y. of automobile associated wastes in Philadelphia, PA. Preparation and implementation of Sampling and Analysis

Work Plan for characterization of 100-acre former railroad yard NY State Superfund site in Buffalo. Preparation and implementation of Sampling and Analysis Work Plan for a 90-acre former petroleum bulk storage facility under Rhode Island Department of Environmental Management order. Preparation and implementation of a Remedial Investigation/Feasibility Study Work Plan for state Superfund site in Delaware. Management of numerous uncontrolled hazardous waste site investigations and Spill Prevention, Control and Countermeasure inspections under contract to the U.S. EPA.

Tank Removals and Facility Decommissioning- Oversight, post-excavation sampling, and report preparation for removal of multiple USTs at a brownfield redevelopment site, Shelton, Connecticut. Oversight, post-excavation sampling, and report preparation for removal of multiple USTs at a hospital in Danbury, Connecticut. Decommissioning and demolition of two 100,000 gallon aboveground hazardous waste (F001) storage tanks at a former rail yard in Buffalo, NY. Oversight, post-excavation sampling, and report preparation for removal of seven leaking underground storage tanks which contained plasticizer compounds at a manufacturing facility being decommissioned in River Grove, IL. Oversight, post-excavation sampling, and report preparation for removal of multiple USTs at a large office complex in Harrison, New York. Preparation of an environmental characterization workplan for decommissioning a wastewater treatment facility at a Department of Energy facility. Preparation of removal action plans and conducted removal oversight at numerous uncontrolled hazardous waste sites under contract to U.S. EPA.

Remediation - Characterization and remediation of lead and cadmium containing dusts and contaminated building materials from a 75,000 square foot building in River Grove, Illinois. Development of construction and operation/maintenance dewatering plans for hazardous waste landfill closure project located in Cheektowaga, New York. Modeling of groundwater response during dewatering as part of a closure design of a 9 million-gallon lagoon, which occupied a former quarry in Muncie, IN. Project management and oversight for implementation of a New Jersey ECRA/ISRA Program cleanup of several petroleum contaminated facilities in New Jersey. Design, installation and operation of free product recovery system at petroleum pipeline facility in New Jersey. Remedial investigation and feasibility study for lead-contaminated soils at a landfill site in Texas. Preparation of Remedial Investigation/Feasibility Study Work Plan for state Superfund site in Delaware. Preparation of remedial specifications for a 15-acre brownfield redevelopment site in Shelton, Connecticut.

Real Estate Transfers - Performance of numerous Phase I/II real estate transfer environmental assessments for properties throughout the US in accordance with ASTM, state regulatory, and/or client specified/developed requirements.

EMPLOYMENT

Unicorn Management Consultants, LLC. (2001-Present)

Director of Geotechnical Services (2001 – Present): Overall responsibility for all geotechnical services. Responsibilities include: senior project management, client contact, staff management, and business development.

Sciotech, Inc., Sciotech NES, Inc., and NES, Inc. (1990-2001)

Section Manager (1997-2001): Supervised technical staff conducting environmental investigations and remediation.

Senior Geologist (1990-1997): Phase I- III Investigations, RI/FS, UST/AST Removals, Groundwater Investigation/Remediation.

Roy F. Weston, Inc. (1989-1990)

Project Scientist (1989-1990): Provided Emergency Response and Removal Oversight services under contract to US EPA.

Miami University (1987-1989)

Teaching Assistant (1987-1989): Developed and taught introductory level geology courses.

PROFESSIONAL ACTIVITIES, AFFILIATIONS AND HONORS

American Institute of Professional Geologists: Certified Professional Geologist No. 9866

Connecticut: Licensed Environmental Professional No. 0286

Delaware: Registered Professional Geologist No. S40000926

Pennsylvania: Professional Geologist No. PG-003266-E

American Institute of Professional Geologists:

Member of Executive Board of Northeast Section

Associated Editor of *The Professional Geologist*

Chair, Angelo Tagliocozzo Memorial Geological Scholarship Committee

American Society for testing and Materials:

Member of Committee D-19 (Water)

Member of Committee E-47 (Biological Effects and Environmental Fate)

Member of Committee E-50 (Environmental Assessment)

Connecticut Ground-Water Association: Member

Environmental Professionals' Organization of Connecticut - Professional Member

National Ground Water Assoc./Assoc. of Ground Water Scientists and Engineers: Professional Member

New York State Council of Professional Geologists: Professional Member

Sigma Gamma Epsilon National Honor Society for the Earth Sciences: Lifetime Member

PUBLICATIONS

Environmental Remediation and Decommissioning of Industrial Facilities, *The Interpreter*, Vol. 2 No. 5, May 1992.

Environmental Investigations of Industrial Facilities, *Connecticut Real Estate Journal*, November 20, 1992.

Quality Assurance/Quality Control Considerations for On-Site Quantitative Analysis, Connecticut Groundwater Association, 1993 Environmental Exposition and Conference, September 15, 1993.

On-Site Quantitative Environmental Analysis: How Good Are the Numbers? *Environmental Law Section Newsletter*, New Jersey State Bar Association, December, 1994.

Groundwater – A Primer, *The Interpreter*, Vol. 5 Nos. 5, 6 and 7, July/August, September/October, and November/December, 1996.

Collecting Representative Groundwater Samples, *The Interpreter*, Vol. 8 No. 1, January/February 1998.