

**RICHARD ERICKSON**  
*Senior Associate***Summary of Professional Experience:**

Mr. Erickson has more than 37 years of experience providing environmental consulting, industrial hygiene, and regulations compliance services. These services have included Phase I and Phase II investigations; remedial design and supervision; industrial hygiene services; greenhouse gas evaluations and long term reduction plans; specification design; inspection and management of asbestos containing materials; and management of corporate environmental requirements such as Superfund Amendments and Reauthorization Act (SARA), pollution prevention plan design, stormwater permitting, spill prevention and control, hazardous waste reporting. Mr. Erickson has also provided training for hazardous communications, Spill Prevention, Controls and Countermeasures (SPCC), asbestos awareness, and respiratory protection. Clients span the following industries: federal, municipal, pharmaceutical, paper, railroad, petroleum, cosmetic; real estate; investment; landmark properties; and large construction management firms.

Mr. Erickson also has experience creating, revising, and invigorating recycling programs to help clients reduce solid waste and the disposal costs associated with it. All of the recycling programs developed and managed by Mr. Erickson have been coordinated into a multi-media approach for pollution prevention planning and environmentally sound sustainable development. Mr. Erickson also regularly serves as a lead auditor for on-site multimedia compliance audits in healthcare settings nationwide, including U.S. Department of Veterans Affairs (VA) facilities; as such, he is familiar with the U.S. TEAM Guide as well as state and VHA supplements produced by the Construction Engineering Laboratory (CERL) and Engineering Research and Development Center (ERDC) of the U.S. Army Corps of Engineers (USACE),

In addition, Mr. Erickson has been the senior project manager responsible for the design and implementation of environmental risk management programs for over 300 municipalities and 71 wastewater utility authorities through the New Jersey Environmental Joint Insurance Fund (EJIF). This position includes producing regular seminar series on environmental topics, and serving as liaison between environmental regulatory agencies and the regulated community, both municipal and commercial. Along with this, Mr. Erickson has been responsible for designing and implementing an environmental compliance audit program that included almost 400 compliance audits per year.

**Relevant Project Experience:**

**U.S. Department of Veterans Affairs, VISN 8 Environmental Compliance Audits, Florida and Puerto Rico.** *Lead auditor* for multimedia environmental compliance audits at VISN 8 facilities, including in-patient and out-patient pharmacy care settings. Responsibilities included interfacing with GEMS coordinators, pharmacy staff, and site-level personnel to identify regulatory non-conformances and improvement opportunities. In addition to VISN-wide and facility specific kickoff meetings, audit time consists of document review, on-site time, interviews

and records review, close out meetings and documentation of findings. Included evaluation of environmental compliance issues pertaining to GEMS, including pharmaceutical waste management. Documented findings in CP Track. 2014 - 2015.

**U.S. Department of Veterans Affairs, VISN 9 Environmental Compliance Audits, Tennessee.** *Auditor* for multimedia environmental compliance audits at VISN 9 facilities, including in-patient and out-patient pharmacy care settings. Responsibilities included interfacing with GEMS coordinators,

**Education:**

MS, Ecology, Rutgers University, 1983  
BS, Biology, Wagner College, 1980  
BA, Music, Wagner College, 1980

**Years of Experience: 32****Certifications / Registrations:**

Asbestos Safety Technician  
NJDEP Subsurface Evaluation/UST Closure

**Professional Registrations/Affiliations:**

Association of Environmental Authorities – Energy and Air Combustion/Air Permitting Technical Committees  
Association of New Jersey Recyclers – Advisor on air permitting issues for Class B recycling facilities  
NJ Water Environment Association – Air Program Presenter and Moderator  
NJDEP BioPower Technical Working Group  
Sustainable Jersey

pharmacy staff, and site-level personnel to identify regulatory non-conformances and improvement opportunities. In addition to VISN-wide and facility specific kickoff meetings, audit time consists of document review, on-site time, including interviews and records review, close out meetings and documentation of findings. Audits included evaluation of environmental compliance issues as they pertain to the GEMS, including pharmaceutical waste management. Documented all findings in the VA's CP Track system. 2014 – ongoing.

**Westchester County Department of Environmental Facilities, Compliance Auditing Services, Westchester County, New York.** *Auditor.* Conducted environmental compliance audits at several DEF facilities, including wastewater treatment plants, pump stations, water supply operations, and solid waste facilities. 2015 – 2017.

- Mamaroneck WRRF
- Blind Brook WRRF
- New Rochelle WRRF
- Port Chester WRRF
- Brockway Place Transfer Station
- Hutchinson Pumping Station
- Outside Maintenance Group
- County Water District #1
- Thruway Transfer Station/MRF
- Tarrytown Pumping Station
- Unmanned Pump Stations with CBS/PBS Permits
- South Columbus Transfer Station
- Northern Tier Transfer Station
- Croton Point Landfill and Railroad I Landfill
- County Water District #3
- Sprout Brook Ashfill
- Ossining WRRF
- H-MRF
- North Yonkers Pump Station
- Yonkers Joint WRRF
- Peekskill WRRF

**U.S. Department of Veterans Affairs, Caribbean Healthcare System Wastewater Vulnerability Assessment, San Juan, Puerto Rico.** *Project manager.* Project involves preparing a Risk Analysis and Contingency Plan for the wastewater system at the VA Hospital in San Juan, Puerto Rico. Responsibilities included reviewing the site conditions, analyzing potential risks from natural and man-made hazards, and writing a contingency response plan to help the hospital increase its resiliency against the risk of future hazards. 2014.

**U.S. Department of Veterans Affairs, Spill Prevention Controls and Countermeasures Training, Wilmington, Delaware.** *Trainer.* Overall trainer for emergency spill response personnel at this facility. Also responsible for assisting the facility implement the site SPCC plan. 2013.

**U.S. Department of Veterans Affairs, Hudson Valley Healthcare System Confined Space Entry Evaluation, Montrose and Castle Point Hospital Facilities, New York.** *Project team member.* Responsible for evaluating each of these facilities for compliance with the OSHA Confined Space program requirements. 2013.

**New Jersey Environmental Joint Insurance Fund, Statewide, New Jersey.** *Senior project manager.* As overall project manager of this program for more than 25 years, wrote and implemented environmental loss control programs, including spill prevention, controls and countermeasures, discharge prevention, containment and countermeasures, and stormwater pollution prevention planning. Also developed a point based audit system to encourage members to comply with all state and federal environmental regulations, including air pollution, solid waste and recycling, and universal waste management. Also conducts an outreach and education program for municipal and utility authority members, achieving a better level of compliance with environmental regulations, continuing education credits for Department of Public Works superintendents and administrators, and provision of professional engineer credits from utility authorities. 1996 – ongoing.

**Association of New Jersey Recyclers, Regulatory Compliance Services for Class B Recyclers, Statewide, New Jersey.** *Project manager.* Represented the New Jersey Class B recycling industry in air pollution negotiations with NJDEP to gain flexibility in running diesel engines for recycling equipment. 2011 – 2012.

**Seals Eastern Inc. Industrial Air Permitting services, Monmouth County, New Jersey.** *Project manager.* Provided a comprehensive evaluation of an industrial process for the purpose of providing a NJDEP air permit. 2015 – 2016.

**Joint Meeting of Essex and Union Counties, Air Permitting and Environmental Engineering, Elizabeth, New Jersey.** *Senior project manager.* Provided air permitting and environmental engineering for a new co-generation facility. Responsible for reviewing the performance of the co-gen system, find alternatives to existing electrical generator systems and all related air permitting for the site Operating Permit and emissions controls. 2002-2013.

**Essex County Utilities Authority, Waste Management and Recycling Program, Essex County, New Jersey.** *Program director.* Provided amendments and revisions to the County Solid Waste Management Plan. Helped develop and institute a website and other methods of community outreach for the county recycling program, increased recycling tonnage, and helped the county rise from last place (21st out of the 21 counties in New Jersey) in recycling performance to 5th in 2011. The county and its municipalities have realized significant savings as a result

of improved disposal and recyclable materials refunds.  
2007 – 2013.

**New Jersey Water Environment Authority – Has been the moderator and developer of air pollution technical sessions for engineers for the annual NJWEA Conference.**  
2012 – 2017.

**Monmouth County, Stormwater Pollution Prevention, New Jersey.** *Project director.* Provided stormwater pollution prevention plan services to the County of Monmouth and advised the Stormwater Committee on pollution prevention planning best management practices. 2002 – 2005.

**Middlesex County, Spill Prevention, Control, and Countermeasures, New Jersey.** Provided federal spill prevention, control, and countermeasure program design services to the County of Middlesex at five facilities.

**City of Bridgeport, Sustainability Solutions, Connecticut.** *Project manager.* Worked with the city to bring ideas for sustainable environmental development out of a basic plan and into implementation. These projects will all result in a reduction in the City's carbon footprint, tangible environmental benefits to the community, and a financial savings for Bridgeport. Projects included re-utilization of treated effluent as a cooling water supply for a local electrical generation facility, as well as development of an anaerobic digester at the municipal wastewater treatment facility. Through these efforts, the city will achieve not only environmental benefits, but save money by doing so. The project team solicited all of the initial investment capital from private investment sources and grants. 2011 – ongoing.

**Bergen County Utilities Authority, Sustainable Energy Master Plan, Bergen County, New Jersey.** *Project manager.* Worked with the Bergen County Utilities Authority (BCUA) on a program to best utilize their anaerobic digesters and co-generation facility to move in a direction of energy independence. One of the facets of this program is the use of fats, oils, and grease (FOG) pulled out of local restaurant grease traps to enrich the sludge, and increase biogas production. This results in greater amounts of independent, renewable energy in the form of electricity and heat. Electrical savings over the last three years have averaged between one million and one and a half million dollars per year. The second intended consequence is to create a value on the FOG that helps pull it away from being discharged into local sewer lines, and into this waste to energy recovery program. With the

costs for processing this waste reduced by the BCUA, less material is likely to be discharged into the sewer lines, resulting in fewer back-ups and reduced maintenance costs for the municipalities. Other benefits include helping make the facility more resilient against future climate changes by having renewable power generation onsite, and reducing the facility's overall GHG emissions. Also responsible for obtaining a \$50,000 grant to support this study, as well as up to \$2.5 million in grant money for implementing renewable energy. 2003 – 2013.

**VA Hudson Valley Healthcare System Confined Space Entry Evaluation, Montrose and Castle Point Hospital Facilities, New York.** *Project team member.* Responsible for evaluating each of these facilities for compliance with the OSHA Confined Space program requirements. 2013.

**VA Spill Prevention Controls and Countermeasures Training, Wilmington, Delaware.** *Trainer.* Overall trainer for emergency spill response personnel at facility. Also responsible for assisting with implementation of SPCC plan. 2013.

**New York City Department of Environmental Protection, Environmental Compliance Audits of Bureau Water Pollution Control Plants and Combined Sewer Overflow Facilities, New York, New York.** *Senior auditor/* Performing independent third-party environmental compliance audits at facilities owned and operated by the New York City Department of Environmental Protection's (NYCDEP's) Bureau of Wastewater Treatment. NYCDEP operates one of the most extensive wastewater treatment systems in the world that maintains the ecological and environmental integrity of New York City's waterways, including New York Harbor; the Hudson, Harlem, and East Rivers; Long Island Sound; and the Atlantic Ocean. The scope of the audit program includes assuring the City's compliance with the Federal Clean Water Act, Spill Prevention, Control, and Countermeasure Program, and Clean Air Act as well as New York State's SPDES Permit Program, Petroleum and Chemical Bulk Storage Program, and Navigation Law. 2016 – 2019.

#### Publications:

- "New Jersey Considers Food Waste Recycling," New Jersey Effluents, Vol. 49, No. 1, 2016.