

JUSTIN R. LAUTERBACH, QEP, LSRP President

SUMMARY OF QUALIFICATIONS

Mr. Lauterbach has over 23 years of experience in the environmental services industry. He has extensive knowledge with Environmental Site Assessments, Brownfield Redevelopment, and experience managing large site remediation projects. He has managed a diverse array of complicated Brownfield projects for large national retail corporations and developers throughout the United States, with the majority of projects being located in the Northeast with particular focus on projects located in PA and NJ. He has managed and overseen the completion of numerous Phase I and Phase II Environmental Site Assessments. RT has brought several complex environmental remediation projects to regulatory closure throughout the Northeast under the direction of Mr. Lauterbach. Types of projects include, but are not limited to: environmental assessments, soil and groundwater remediation, vapor intrusion, environmental permitting, wetland delineation and mitigation, and stormwater management. He has experience managing numerous projects through brownfields, storage tanks, and voluntary cleanup programs in several states and has managed projects under both state and federal oversight.

Additional areas of expertise include asbestos containing material (ACM) surveys and abatement, indoor air quality investigation, and mold investigation and remediation projects. Mr. Lauterbach possesses the required licenses needed to direct and oversee these types of projects in Pennsylvania, New Jersey, Ohio, and West Virginia.

Mr. Lauterbach has demonstrated a high level of client service for the duration of his professional career, holds the position of President at RT, and is responsible for the technical and operational aspects of RT. Mr. Lauterbach is the principal for projects being completed in all of RT's three offices.

EDUCATION

Bachelor of Science in Environmental Science, Minor in Communications
Allegheny College, Meadville, PA, 2002

PROJECT EXPERIENCE

Project Manager for numerous brownfields sites in NJ and Pennsylvania with contaminated soil and groundwater. Projects include NJ Spill Act sites, NJ ISRA sites, and PA Act 2 Land Recycling projects. Mr. Lauterbach has also worked directly with NJ Licensed Site Remediation Professionals (LSRP) on several projects since the LSRP program was established. These projects require extensive knowledge of state environmental legislation and specific remedial processes. They typically include preparation of DEP correspondence, preparation of Site Characterization Reports, Remedial Investigation Reports, Cleanup Plans, and Remedial Action Completion Reports for sites with complex soil and groundwater releases.

Manages all due diligence environmental investigations and remediation related to site acquisition for large national retail pharmacy chain and national convenience store and

LICENSES, CERTIFICATIONS, & TRAINING

New Jersey Licensed
Site Remediation
Professional (LSRP)

Qualified
Environmental
Professional
Certification (QEP) -
IPEP

40-Hour Hazardous
Waste Operations
(OSHA CFR 1910.120)

OSHA 8-Hour
Refresher

OSHA 8-Hour
Supervisor Training

PADEP Act 2 Land
Recycling Client
Workshop

PADEP Vapor
Intrusion

Project Management
Training (March 2005)

New Jersey Site
Remediation Course -
Rutgers University

New Jersey Vapor
Intrusion Course -
Rutgers University

New Jersey Regulatory
Training in USTs -
Rutgers University

Asbestos, Lead Based
Paint, and Mold
Awareness Course

ACM Program
Manager Training

Asbestos Building
Inspector

Asbestos Management
Planner

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retail fuel service chains. Advises corporate officers, attorneys, and developers with respect to purchase negotiations and environmental liabilities.

Manages and oversees all due diligence environmental investigations and necessary remediation for an expanding and large national donut/coffee store chain throughout PA and NJ. Manages and oversees all environmental aspects/issues at new store locations during due diligence periods. Advises corporate officers, attorneys, and developers with respect to purchase negotiations and environmental liabilities.

Principal in charge for numerous Phase I and Phase II Environmental Site Assessments. Mr. Lauterbach has overseen completion of these assessments for a variety of sites with various proposed final uses. He has experience conducting and directing this work for large portfolios of sites and small individual sites being developed and redeveloped for industrial, commercial, and residential uses. These sites typically include former service stations, former steel mill sites, large scale historic industrial sites, as well as former mining sites.

LSRP for several NJ sites with confirmed soil and groundwater contamination. Mr. Lauterbach directs and oversees all work completed by RT on sites which are the subject of the NJDEP Site Remediation Program. This includes ensuring sound technical investigations, scoping remediations, and adhering to NJDEP administrative requirements.

Principal in charge for various beneficial use permit projects in PA which involve the reclamation and reuse of waste materials typically produced as a byproduct of particular industrial processes. Mr. Lauterbach is well versed in preparing the application materials and obtaining these permits on behalf of small and large clients alike. Some of the larger clients have included steel manufacturing and metals reclamation companies.

Principal for more than 25 environmental due diligence projects and remediations conducted on behalf of large national convenience store and retail fuel sales chains in preparation of site redevelopment.

Expert witness for mold investigation and remediation case in Ocean City, New Jersey where particular construction practices and lack of local construction inspections have contributed to the source of mold impacts.

Project Manager and Principal for large-scale brownfield redevelopment sites formerly owned and utilized by a large steel mill located in the Beaver Valley of Pennsylvania. Many of these sites have been closed under Act 2, and there are ongoing projects at sites with continued mining operations, Act 2 Land Recycling activities, NPDES Stormwater permits, and ongoing monitoring requirements. Mr. Lauterbach also oversees continued monitoring and closure for both a residual waste and hazardous waste landfill located in the Beaver Valley. These sites have been investigated and remediated under the direction of Mr. Lauterbach, while he also manages all necessary permit revisions, modifications, and renewals, and ensures that the client maintains compliance with regulatory requirements.

Developed, managed, and supervised the remediation of a former shooting range in Florence, NJ involving hazardous levels of lead impacted soil. Mr. Lauterbach developed the remedial strategy for the project which involved rendering material non-hazardous prior to excavation, in order to allow a cost-effective remediation to occur while not triggering landfill and RCRA treatment permitting requirements. Bench scale testing was completed, and subsurface material was stabilized using a phosphate amended fly ash. Once rendered non-hazardous, the material was excavated and placed within a berm located proximal to a closed landfill on an adjacent parcel. An Unrestricted Use No Further Action Letter and Covenant Not to

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Sue was issued by NJDEP for the former shooting range parcel, which is now a housing development, and an environmental covenant was recorded on the deed.

Developed remedial strategy and ongoing monitoring program for a large-scale bioremediation project involving a former service station located in Vineland, New Jersey. This project involved evaluation of multiple nearby co-mingling contaminant plumes, vapor pathways, and ecological impacts.

Implemented remedial strategies at numerous former agricultural sites with pesticide impacted soils. Remedial strategies included both in-situ and ex-situ blending, removal, and capping. Blending projects involve evaluation of mixing ratios and contaminant concentrations. Sites included proposed residential developments as well as commercial properties and recreational areas.

Project Manager for large-scale dry-cleaning site remediation project in Pennsylvania involving the installation and operation of a soil vapor extraction system in conjunction with Act 2 Land Recycling activities.

Project Manager for a former steel mill project in Warren, Ohio. Project involves former RCRA Corrective Action Activity, Federal EPA Consent Orders, and large NPDES permit modification process.

Project Manager for ongoing coal-fired power plant case in Shippingport, PA – involved sampling and analysis of coal combustion residuals, determination of community impact, and interfacing with state and federal regulatory agencies.

Project Manager for Brownfield Site and proposed large commercial development in Wilmington, Delaware. Involved remediation of petroleum impacted soils and historic fill under Delaware's Brownfields Program. Obtained over \$200,000 in grants for client reimbursement of site investigation and remediation costs.

PUBLICATIONS/ADDRESSES

PA Stormwater Management/Regulations – Lectured at PA Chamber of Business and Industry Spring Environmental Forums several years

NJ Regulatory Requirements – leader for numerous internal training seminars organized to provide regulatory updates offered to clients and staff