

Andrew Trzcinski, LSRP



Mr. Trzcinski is a Senior Project Manager at Fennelly Environmental Associates, LLC. He has more than 18 years of environmental investigation, remediation, consulting, and regulatory compliance experience. Mr. Trzcinski's experience includes site assessments, remedial investigations, innovative remedial strategies, design, contracting, and regulatory compliance. He has additional experience with underground storage tank (UST) Closure activities, environmental litigation, environmental insurance claims, various NJDEP Funding resource applications and claim management, and environmental permitting. Mr. Trzcinski specializes in working with clients to develop customized remedial strategies and multiple options that are practical and cost effective. In 2010, Mr. Trzcinski became one of the first individuals to be certified as a Licensed Site Remediation Professional (LSRP) under the newly created New Jersey Department of Environmental Protection (NJDEP) LSRP Program.

Professional Licenses

- Licensed Site Remediation Professional (New Jersey)
- Subsurface Evaluator (New Jersey)

Fields of Competence

- Environmental Investigations
- Customized Remediation Strategy Development and Implementation
- Vapor Intrusion Investigations/Mitigation
- In-Situ Chemical Oxidation Remediation
- Preliminary Assessments
- Phase I/II Environmental Site Assessments
- Regulatory Compliance
- Underground Storage Tank Closure

Credentials

- NJ Licensed Site Remediation Professional
- B.S., Environmental Science, Allegheny College
- 40-hour OSHA (29CFR 1910.120) course in Hazardous Waste Operations and Emergency Response Safety Training (HAZWOPER)
- Annual 8-Hour HAZWOPER Refresher Training

Key Projects

Managed and LSRP for record for investigation and remedial activities at a former dry-cleaning establishment located in a multi-tenant strip mall. Project tasks included a Site Investigation (SI), Remedial Investigation (RI), Vapor Intrusion Investigation (VI) (on and off-site) and Mitigation, Receptor Evaluation, Remedial Action Work Plan, In-Situ Chemical Oxidation implementation, Surface Water Investigation, and Remedial Action (RA). Following SI and RI activities an in-situ chemical oxidation strategy was implemented to treat the source area and reduce the overall contaminant mass originating from the Site. Following remediation activities, a significant decrease in both soil and groundwater concentrations was demonstrated. The selected remedial strategy was granted an Innovative Technology Grant for 25% of the remedial action costs. Since the remedial strategy reduced soil concentrations to levels below NJDEP Residential Soil Remediation Standards (SRS) another 25% of the remedial action costs were reimbursed by the Grant. A Remedial Action Permit (RAP) for Groundwater was issued for the remaining groundwater contamination as well at the remaining VI mitigation systems. Subsequently a Restriction Use Response Action Outcome (RAO) was issued for the Site. The issuance of the RAO facilitated the desired sale of the property.

Oversaw the environmental activities for over 60 gasoline service stations for a major petroleum company. Project tasks included SI, RI, and RA with various timelines and cost strategies related to owner/operator and/or dealer needs. Additionally, at request of petroleum company categorized the group of Sites based on Risk and the opportunity to conduct active versus passive remedial strategies. Work also included providing oversight for UST Closure/Replacement activities, 7-day potential release investigations, and coordination with client's direct subcontractors which included excavators, UST system installers, soil disposal haulers and facilities, and UST system inspectors. Multiple strategies utilized to progress Sites toward No Further Action (Unconditional and Conditional) issuances by the NJDEP. These included: soil excavations, in-situ chemical oxidation injections, soil vapor extraction, pump and treat systems, high vacuum extraction events, monitored natural attenuation, and cap and deed notice implementation.

Site investigation for a property named as a possible contributor/Responsible Party for a large chlorinated compound contaminant plume. The Site was given a NJDEP case number for the contamination found in groundwater beneath it. Project tasks included Preliminary Assessment (PA), SI, upgradient property file review, area wide sewer line review, on-site historical operations review, and development of Site-Specific Impact to Groundwater Soil Screening Level. Following review of all information and collected data the PA/SI concluded that the Site was not a contributor to the groundwater contamination found beneath that also extended downgradient and off-site. An Unrestricted RAO was issued for the Site.

Provided a counter option for the remediation of soil and groundwater contamination related to a former residential heating oil UST. This option was approved by the residential home owner's insurance company and the NJDEP UST Fund, who were both contributing to funding the remediation fully. The main component of the remediation was remediation was exterior soil excavation which included the Site and neighboring residential property. A secondary component was utilized due to physical constraints at the Site in relation to soil excavation (structures, access, owner's requests). Therefore, chemical oxidation material was mixed into the backfill of the excavation to promote additional contaminant mass remediation. The mixed material combined with the Site's relatively high groundwater depth fluctuation (due to influence of a nearby river) provided enhanced contact with any remaining contamination. Post-remediation soil and groundwater sampling demonstrated concentrations below applicable NJDEP standards and the NJDEP issued a No Further Action for the case. The remediation activities/Site closure were completed well ahead of the expected schedule and below the projected cost.

Oversaw the emergency response and RI activities related to an aviation fuel release near a Terminal Gate within the Newark Airport. During repairs to the Airport's fuel delivery line a release occurred. Provided prompt response to the Site including: environmental impact/remediation oversight, liquid vacuum extraction/recovery vehicle, waste class and post-excavation soil sampling, soil removal hauler and facility. Following the initial response worked with multiple parties involved with Airport to coordinate and mobilize to the Site conduct the required groundwater investigation. High interest level of all parties for expedited completion due to need to re-open the Gate at the airport. All field work completed within 3 weeks and an unrestricted RAO was issued for the incident shortly thereafter.