

Remedial Action Construction Services

The PS&S Environmental Department has been successfully implementing remedial action projects that comply with regulatory requirements and satisfy client needs. We have skillfully and successfully negotiated numerous state and federal remedial action projects throughout the northeastern United States, Florida, and Puerto Rico.

PS&S has a long history of providing consulting services on remedial action projects. Our success has been attributable to our unique ability to provide multi-discipline engineering, surveying, and architectural services. PS&S continues to combine our civil, geotechnical, mechanical/electrical and structural engineering experience with our thorough knowledge of permitting, environmental compliance, and construction to provide cost-effective remedial action construction services.

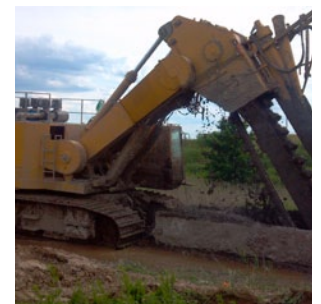


Full-Service Capabilities

- 1 Diversified.** PS&S has a dedicated team of professionals with a broad based and diversified portfolio to complete your remedial action construction project. Our experience with excavation, barrier wall construction, in-situ remediation, mitigation and restoration efforts, multi-layer cover systems (caps), and stormwater management measures can be studied and relied on to support your specific project needs.
- 2 Experienced.** Our award-winning engineers bring an experienced eye to every project. Our level of real-world, practical understanding leads to successful project delivery. Long-term sustainable and maintainable designs are central to PS&S's professional integrity.
- 3 Collaborative.** PS&S's full service capabilities and strategic relationships with specialty contractors and vendors provides PS&S with a unique ability to speak the remedial action language between the owner, responsible party, regulators, engineers, and the contractors in order to bring your remedial action construction project through successful completion.

Remediation, Redevelopment, and Post-Remediation Services:

- Former MGP Sites
- Industrial Sites
- Brownfields
- Orphan Landfills
- Regulated Landfills
- Superfund Sites
- Urban Areas
- Waterfronts
- Linear Infrastructure (Utilities and Roadways)
- Business Campuses



For more information on Remedial Action Construction Services, please contact
Miguel Salinas, LSRP at msalinas@psands.com or 732.584.0435 or
Janos M. Szeman, PE at jmszeman@psands.com or 732.584.0437.

Typical Remedial Action Construction Services

- Remedial Action – Design & Value Engineering Services
 - Controlled Soil Excavations
 - Sediment Excavation and Dredge Management
 - Multi-Layer and Low Permeability Cover Systems
 - Stormwater Management Measures
 - In-Situ Treatment and Stabilization
 - Pump and Treat
 - Barrier Walls
 - Sub-Slab Active and Passive Venting Systems
 - Soil Vapor Extraction Systems
 - Monitored Natural Attenuation
 - Clean Fill and Alternative Fill (Environmental & Geotechnical Compliance)
- NJ Immediate Environmental Concerns Mitigation
 - Potable Water
 - Groundwater Control & Treatment
 - Vapor Intrusion
 - Direct Contact
 - Utility Disruption & Clean Fill Corridors
- Noise Monitoring and Mitigation Services
 - Noise Monitoring
 - Expert Testimony
 - Noise Mitigation Plans
- Vibration Monitoring and Mitigation Services
 - Vibration of Sensitive Receptors
 - Vibration Mitigation Plans
- Field Services
 - Engineering Resident/ Field Observation Engineer
 - Project Liaison & Program Management
 - Contractor Quality Control Efforts
 - Third Party, Independent Quality Assurance Efforts
 - Geotechnical Engineering Laboratory (Mobile: Index Properties, Compaction Tests; Warren, NJ: Permeability Tests, Index Properties, Strength Tests)
 - Punch Lists
 - Field Change Requests
- Record of Construction Surveys
 - 3-D Laser Scanning
 - Utility Service Installations
 - Earthwork and Multi-Layer Cover Systems
 - Mapping Standards
 - GIS Data Management Systems
- Engineering Certification Reports
 - Construction Completion Report
 - Final Engineering Report
 - Remedial Action Report
 - Remedial Action Completion Report
- Industrial Site Decommissioning Services
 - Facility Decommissioning and Regulatory Decision Close-Out
 - Facility Decontamination Programs

Pre-Design and Construction Investigation

- Soil – Environmental Quality
- Soil – Geotechnical Properties
- Groundwater
- Vapor Intrusion
- Waste Classification
- TarGOST Fluorescent Imaging

How can PS&S Remedial Action Construction Services help your project?

The biggest and best differentiator for using PS&S Remedial Action Construction Services is the value added benefit of an integrated design/engineering team for your project.

PS&S has the experience to adapt to field conditions that require value engineering and design modifications in order to achieve your remediation goals, objectives, and your project schedule. As a result, our remedial action construction projects move smoothly and efficiently to completion with minimal surprises to the owner and responsible party.



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