



Remediation Services



Remediation Services have always been one of the core strengths of **Premier Environmental Services, Inc. (Premier)**, a firm that prides itself on the delivery of strategic, cost-effective environmental and consulting services to industrial and commercial clients. Premier's staff has the business acumen, technical skills, regulatory savvy and depth of experience to help our clients tackle cleanup obligations with a comprehensive strategy that recognizes the business and regulatory climate of each site and focuses on the delivery of preferred solutions in a reasonable timeframe.

Premier brings a different perspective to the now mature business of remediation consulting services – we help our clients understand their options and the likely outcomes early in the process, then we implement actions designed to cost-efficiently achieve stated objectives. Our approach is comprehensive, recognizing that a successful project is best built upon thorough planning, effective negotiations, careful implementation and strong management of all phases of the project.

Premier offers a range of services designed to provide our clients with technical, regulatory and business solutions to remediation challenges associated with federal or state-lead CERCLA, RCRA and voluntary cleanup programs.

Reserve Management Services

For those clients looking for assistance with the development or outsourcing of programs to manage environmental liabilities and reserves, Premier has senior managers with hands-on experience managing liabilities for Fortune 200 companies. We can help clients design systems and procedures to meet internal and external standards imposed by financial, legal and business standards.

Premier can also serve as an extension of the client's staff, assuming management responsibilities for some or all remediation liabilities, including contractor oversight, regulatory interaction, and reporting. Premier can provide the external perspective and expertise to help ensure that liabilities are properly recognized, reserved and managed.

Remediation Planning and Management

Planning and management are critical in the completion of remedial projects on schedule, within budget and in compliance with regulatory requirements. In addition to the many regulations that may apply, there are multiple contaminant screening guidelines and cleanup standards to be considered. Those responsible for cleanup must be informed of the appropriate investigative and remedial alternatives for the chemicals of concern and the matrices potentially impacted. Data collection must be guided by appropriate QA/QC plans and focused on defined objectives agreed upon in advance. Whether implemented by Premier or others, Premier can bring the planning and control necessary to minimize the cost and maximize the value of remedial investigations and remedies.



Site Characterization/Investigation

Characterization/investigation is critical to the evaluation and remediation of a site and can affect management and regulatory decisions for years into the future. For this reason, the process must be directed toward an efficient closure of issues, both environmental and regulatory. Premier has extensive experience in managing the characterization process at a wide range of sites, and we know how to minimize effort and cost through well-conceived work plans and targeted investigations designed to collect only that data necessary to support future site decisions. To minimize costs and risks, site characterization must set the stage for a favorable regulatory position and provide necessary information for the feasibility study and remedial actions that must follow if the investigation did not lead to a No Further Action status.

To learn more about any of Premier's services, please contact any of our staff or visit our website at www.premiercorp-usa.com

Representative Staff Profiles:

Tim Goist, PG, Senior Consultant
togoist@premiercorp-usa.com

Expertise: Hazardous waste assessments; evaluation of remedial alternatives; regulatory strategy; litigation support and expert testimony; agency negotiation; remedial design and implementation; financial management.

David Richardson, PG, Senior Consultant
drichardson@premiercorp-usa.com

Expertise: Soil and groundwater investigations; groundwater modeling; human health risk assessment; RCRA Corrective Action; CERCLA RI/FS; agency negotiations; development of remedial alternatives.

Brian Hackett, PG, CP, Senior Geologist
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Expertise: Management and technical support for investigation and remediation projects at CERCLA and state Brownfield sites; investigation and assessment of DNAPLs; feasibility studies; management and optimization of remediation systems; demolition projects.

J. D. Haines, LPG, Senior Consultant
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Expertise: 20+ years experience in site investigation and remediation; project scoping and management; risk assessment; remedy development, selection, design, permitting, installation and O&M; agency negotiation; litigation support, expert witness; reserve development.

Norm Kennel, PG, Senior Project Manager
ndkennel@premiercorp-usa.com

Expertise: RCRA; CERCLA; construction management; remedial design and implementation; 20+ years of industrial and environmental consulting experience gained through working in public protection, environmental consulting/remediation and private industry arenas.

Russ Schlecht, PE, Senior Consultant
rschlecht@premiercorp-usa.com

Expertise: 27+ years of experience in a broad spectrum of environmental and civil engineering projects; extensive experience in the technical and regulatory aspects of RCRA driven permitting, assessment and remediation projects at industrial facilities across the US;

Kiran Srinivasan, M.Eng., Senior Consultant
ksrinivasan@premiercorp-usa.com

Expertise: Risk-based site assessment and closure, liability management and regulatory strategy development, RI/FS, RFI, environmental engineering, RCRA, EPCRA, CERCLA, NEPA, CWA, and state programs.

Tom Ross, Senior Consultant
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Expertise: Management of environmental liabilities and reserves; interactions with senior management, auditors, legal staff; agency negotiations; litigation support; strategy development and implementation; cost-effective solutions.



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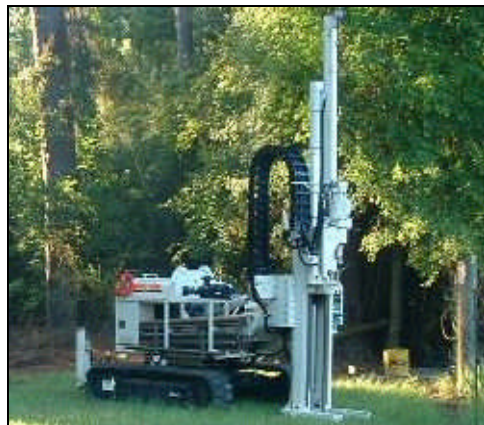


Regulatory Negotiation Support

Negotiations with federal and state agencies are often the key to project success. Early decisions in the remediation process should include an evaluation of available options for agency oversight, if such options exist. Selection of a voluntary program or the use of a consent order or unilateral order should be part of the regulatory strategy developed before the project starts. Additionally, remediation projects often require permits and approvals for discharge and cleanup activities. Regulations, policies and permitting processes are complex, often requiring multiple levels of government approval. Premier specializes in working with clients and agencies to negotiate reasonable oversight terms and realistic cleanup and monitoring requirements, maximizing the opportunities to bring projects to closure with minimal direct and indirect costs.

Cost Allocation Services

Many remediation projects involve releases and sources that may be the responsibility of more than one party. Dealing with multiple PRPs can add layers of complexity and cost to all phases of a remediation project, not just the initial allocation of shares. Premier has the experience and skills required to tackle and resolve the often contentious issues of cost allocation for environmental liabilities. On behalf of our industrial, commercial and law firm clients, we evaluate, propose and negotiate workable solutions for allocations at even the most complex multi-party sites. We will aggressively represent the interests of our clients while recognizing the need to minimize transaction costs and reach agreements that will survive the project.



QA/QC Services and Data Management

Too many poorly planned projects fail to invest in the development and proper application of site-specific QA/QC plans and thereby generate unusable data, requiring repeat sample collection and analyses. Premier avoids these costly mistakes by considering in advance all data needs for each step of the remediation process, making sure the data generated will be valid and will support future decision-making. Our scientists offer data validation, laboratory audit and data management services. Site investigations often involve immense amounts of data collected over many years, requiring efficient methods of data storage, manipulation and reporting. Good data management solutions have a significant impact on how easily the data may be interpreted for trend assessment and statistical analysis. Premier has extensive experience in the design and implementation of data management solutions for large and small projects.



Risk Assessment and Feasibility Study

Risk assessments are a key component of many regulatory decisions, often driving the need for remedial actions and supporting the derivation of cleanup levels. Premier's staff has performed and critiqued multi-pathway risk assessments and derived risk-based remediation goals for sites and facilities under a variety of federal and state regulatory frameworks.

If risks are judged unacceptable and a remedy is necessary, it is imperative that feasible options be carefully selected and evaluated for their ability to mitigate those risks while meeting all other criteria. Premier can conduct formal feasibility studies as required under CERCLA, or apply the same principles on an informal basis to make sure that remedial actions are carefully selected for ease of implementation and cost effectiveness.

Remedial Action Implementation

Premier's staff has wide experience in implementing a range of remedies for soil, groundwater, sediment and surface water impacts. We are comfortable acting as our client's agent in managing their preferred contractors or in retaining subcontractors to perform the work. We understand the necessity of quality control and the need to meet budget expectations. In many cases, a turnkey approach is advantageous to our clients, allowing construction to proceed without incurring the cost of bid management, contractor selection and a 100% design package. Our remedial construction company, **Pantheon**, is well positioned to implement remedies at reasonable cost and without the traditional subcontractor markup. **Pantheon** also offers constructability reviews and project oversight and management services.

Site Management and O & M Services

Our innovative field services company, **PREMO**, was created at the request of our clients specifically to provide cost-effective Site Management, O&M and Field Services. Non-traditional and flexible, **PREMO** has low overhead costs and specializes in solutions tailored to the demands of individual sites and clients.

Litigation Support Services

It is important to recognize the potential, and sometimes the necessity, for litigation whenever conducting remediation projects. Whether the result of agency decisions, recovery of response costs or defense of third party claims, litigation is a necessary part of environmental liability management and should be considered as a possible backdrop for all remediation activities. Premier is careful in the collection and presentation of data and the language of reports in order to preserve and support legal options where appropriate.

Premier provides technical support to law firms and client legal departments by collecting and analyzing data related to claims and by providing litigation support services, including expert testimony. We further understand that our representations must be fully defensible by counsel and, therefore, tailor language and maintain records accordingly.