

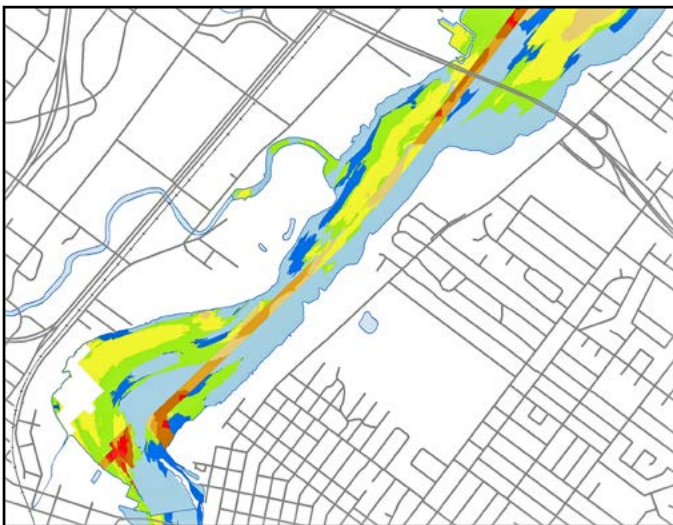
Site Remediation Services



Environmental remediation involves reducing or eliminating potential threats to human health or the environment from contamination. The degree of remediation required will generally depend on the land use and potential exposure pathways. Remediation may involve engineered cleanups or containment of contaminated soil, groundwater, surface waters, sediments, or man-made structures. In some cases, it is sufficient to monitor and manage a site, allowing natural processes to degrade contaminants.

Regardless of the specific solutions required, a successful remediation effort requires a strong skill base in many disciplines, including natural sciences, engineering, economics, regulatory compliance and business management.

Since 1975, LimnoTech has been successfully applying these skills at hundreds of sites, tackling remediation problems of all sizes and all media.



LimnoTech has experience evaluating, designing, and implementing effective remedial technologies for all aspects of environmental remediation.

LimnoTech Remediation Services

LimnoTech provides expert services in all aspects of environmental remediation including:

- Remedial investigation
- Risk assessment
- Environmental modeling
- Feasibility assessment
- Pilot/treatability studies
- Engineering design and specification
- Construction planning and management
- System operation, monitoring, and management
- Permit application and negotiation
- Hazardous waste and hazardous materials management

In addition, LimnoTech offers compliance expertise with the technical requirements of applicable or relevant Federal and state laws, including:

- Comprehensive Environmental Response, Compensation, and Liability Act (Superfund)
- Resource Conservation and Recovery Act
- Clean Water Act
- Clean Air Act
- Toxic Substances Control Act
- State hazardous waste laws
- Leaking underground storage tank regulations
- Voluntary action programs

LimnoTech's Experience

LimnoTech has provided environmental remediation services for chemical contaminants, including:

- Chlorinated and non-chlorinated solvents
- Heavy metals
- PCBs
- Petroleum hydrocarbons
- Wood preserving compounds
- Deicing fluids

And a variety of industries including:

- Metal production, finishing, and fabrication
- Electroplating
- Paper production
- Fiberglass boat manufacturing
- Chemical storage, handling, and processing
- Hazardous waste storage and processing
- Petroleum storage and dispensing

LimnoTech has experience evaluating, designing, and implementing effective remedial technologies, including:

- Source, sediment and soil removal
- Soil vapor extraction
- Air sparging
- Groundwater pump-and-treat
- Dual phase extraction
- Free product recovery
- Capping and containment systems
- Bioremediation
- Natural attenuation and recovery



A jet pump eductor is used to mix granular potassium permanganate (drummed in foreground) with water (tanks in background). Permanganate is a common oxidant used for subsurface destruction of many persistent organic contaminants.