

Hazardous Waste Management



Capabilities

- RCRA, CERCLA, Phase I & II Site Assessments
- Feasibility Studies
- Remedial Design & Management
- Construction of Removal Actions
- Fate & Transport Modeling
- Waste Treatability Studies
- Risk Assessments
- Permitting
- Risk-Based Remedial Actions
- Litigation Support

Key Projects

Lead Smelter Site Assessment and Cleanup in Cairo, Egypt

- Cleanup five smelter locations and a nearby school and training and capacity building
- Site assessment and risk assessment in the areas that have been impacted from lead emissions
- Remedial alternatives include excavation and landfilling, encapsulation, and reprocessing the lead.

Confidential US Agricultural Chemical Co., Resende, RJ, Brazil

- Design and construction of hydraulic barrier system
- Installation of recovery wells, cooling tower, air stripper and chemical feed system
- Designed and installed a groundwater recovery and bypass system
- Soil vapor recovery testing at a different location prior to design and installation of a soil vapor extraction system to remove high levels of toluene from site soils

Pesticide Formulation Plant, American Home Products, Brazil

- Site assessment to determine extent of soil/groundwater contamination
- Risk assessment and low-cost remediation strategy

Occidental Chemical Corporation, Louisiana

- Soil and groundwater investigation
- Risk evaluation corrective action program-management option 1 and 2
- Natural attenuation study and Feasibility study

General Chemical Corporation, Louisiana

- Remedial investigation/feasibility study
- Risk-based corrective action and remediation strategy

Cinnaminson Superfund Site, New Jersey

- Provided groundwater expertise in remedial cost allocation dispute

Atlanta Rapid Transit Authority, Georgia

- Site assessments
- Interim corrective measures
- Permitting assistance
- Post-closure monitoring

Radford Army Ammunition Plant, Virginia

- Supplemental RCRA facility investigation/corrective measures study
- Remedial action recommendations

Confidential Pipeline Company, Louisiana

- Site assessment to determine extent of soil/groundwater contamination
- Corrective action plan
- Remedial design/remedial action
- Natural attenuation study

RCRA Facility Investigation, Volvo Trucks N. America, UT

- RCRA, CERCLA and CWA
- Identification of regulatory deficiencies and potential presence of explosive compounds in soils
- Company-wide environmental management training program



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