

# Mark R. Landress, M.S., P.G.



**Mark R. Landress, P.G.**  
*Senior Project Manager*

**B.S. Geology**  
Northeastern University,  
Boston, MA

**M.S. Geology**  
Michigan Technological University,  
Houghton, MI

## Focused Experience

- Remediation strategy development and planning
- Risk based remediation planning
- Field Investigations
- Regulatory negotiations
- Risk management
- Remedial solutions
- Cost avoidance strategies
- Data mining
- Site conceptual models
- Meeting facilitation
- Resource utilization
- Design and construction oversight
- Multiparty group strategy
- Project advocacy

## Certifications

- Licensed Professional Geologist (Texas, North Carolina)
- 40 Hour Hazwoper Including Confined Space Entry
- NORM Radiation Safety Officer
- Lead Based Paint Inspector
- Asbestos Analysis by Polarized Light Microscopy
- Heavy Equipment Operations

## Skills

- Superfund project management
- Oilfield remediation
- Multi-party group management, and facilitation towards decision-making
- Property transfer due diligence
- Health and safety assessments
- Regulatory and permitting guidance
- Construction and demolition management
- Site conceptual model formulation
- Project scheduling, logistics and critical path analysis
- Visual representation of complex technical concepts and scenarios
- Preparation of effective and audience accessible technical reports and presentations
- Project advocacy to agencies and public
- Relationships within the oil sector, mining and environmental world
- Project presentations in public forums

## Representative Experience



### Cox Road Landfill, Liberty County, Texas

Remedial investigation and RD/RA for 83 acre abandoned industrial waste landfill. Site investigation, geotechnical investigation geophysics, cost estimation, design investigations. Cost analysis for remedy implementation.



### National Zinc Cherryvale State Superfund Site, Kansas

Oversight for remediation of former zinc smelter site. 3<sup>rd</sup> Party oversight on waste removal and construction of consolidation cell. Quality assurance, waste volume assessment and owner's representative.



### MAR Services Site, Lafayette, Louisiana

Worked with client to develop, negotiate with Department of Natural Resources, then implement, a limited risk-based remediation plan meeting functional objectives of maintaining protective vegetative growth on the site. Managed a successful design, construction and closure program. Continuing oversight of project during operations and maintenance phase.



### PAB Oil and Chemical Superfund Site, Abbeville, Louisiana

Operatins and maintenance for remediated oil field waste disposal site. GW monitoring, cap maintenance, reporting.



### Tex-Tin Superfund Site, Texas City, Texas

Demolition of dilapidated former 120 acre smelter facility. Continuing involvement as consultant to owner with site for industrial brownfield redevelopment.

## Employment History

### 2000 to Present Project Navigator, Ltd., Senior Project Manager

Eight years experience with increasing levels of management responsibility for oversight and coordination of State and Federal Superfund sites. Project coordination and administration of multiparty PRP groups Oversight and coordination of remedial action programs for landfills and abandoned oilfield waste sites. Environmental monitoring, reporting and management of groundwater programs. Ongoing construction management responsibility as owner's representative and liaison between site owners and regulatory agencies. Field and office supervision for technical project development, data management and display. Remedial design project scoping and oversight of geotechnical and geophysical investigations for landfill cover placement. Probabilistic cost estimation and modeling of remedy alternatives. RD/RA development.

### 1993 to 2000 Growth Resources, Inc., Technical Manager

Manager of operations for a service company performing oilfield remediation, tank cleaning, environmental restoration, demolition, hazardous waste handling and disposal. Specialized radioactive oilfield waste remediation, oilfield pit closures. Responsible for devising and implementing a wide variety of remediation programs for abandoned oilfields, equipment yards, shore bases, production and commercial waste facilities.

### 1990 to 1993 Shell Mining Company Coal Business Development and Marketing, Senior Mining Engineer

Business and technical analysis for coal mining operations. Economic and regulatory analysis, supply-demand and special projects relating to ongoing projects focused on coal business development and marketing.

### 1988 to 1990 Billiton Minerals Division, Manager of Mineral Property Acquisition

Responsible for contract negotiation, property valuation, purchase and sale of base and precious metal and industrial mining property throughout the United States. Negotiated leases, purchase agreements, joint ventures and royalty agreements for mining property.

### 1979 to 1988 Shell Oil Company, Billiton Minerals, Geologist, Senior Geologist

Field exploration geologist performing property evaluations throughout the United States focused on uranium, gold, copper, tin, diamonds and industrial minerals. Property valuation using ore deposit and mine modeling programs.