

Finding Optimal Solutions to Your Environmental Issues

EnSafe's experienced environmental restoration professionals are equipped to restore your resources to renewed productive reuse – whether environmental remediation of a previously contaminated site, redevelopment of a Brownfields property to serve the local community, or decontamination and decommissioning of a site for reuse by an incoming industry. We ask the right questions to define the problem and design a solution that considers traditional constraints, such as budget, down-line liability, schedule, community relations, and management buy-in.

FIELD INVESTIGATION

Sampling Plan Design
Groundwater, Soil, & Direct-Push
Technology Sampling
Soil-Gas Surveys
Field Sample Management
Investigation-Derived Waste
Management
Response Strategies for Emerging
Contaminants (like PFAS,
1,4-dioxane, etc.)

ENVIRONMENTAL MODELING

Hydrogeologic Modeling
Geochemical Modeling
Fate & Transport Modeling
Spatial & Trend Analysis
Statistical Analysis
Conceptual Site Model Development
Forensic “fingerprinting” for reliable
source identification, age-dating,
and fate and transport evaluations

RISK ASSESSMENT

Ecological & Human Health Assessment
Data Quality Objectives & Planning
Risk Evaluation of Removal
Alternatives
Independent Technical Review
Risk Management Support / Training

ANALYTICAL SERVICES

National & Local Subcontract
Laboratories
Data Validation
Data Management & Electronic
Storage
Data Integration

REMEDIATION

Monitored Natural Attenuation
Enhanced biological and geochemical
injections
Groundwater Containment /
Hydraulic Controls, Capping,
Slurry Walls /Barriers, Trench
Collection, and Permeable
Barriers
Excavation & Disposal / Waste
Profiling, Transport, Disposal
In Situ Heating Low-Temperature
Thermal Desorption
Vapor, Liquid, and Multi-Phase
Extraction
Fast-Water Oil Spill Response
Emerging Contaminant Remediation
(PFAS, 1,4-dioxane, etc.)

GEOLOGICAL SERVICES

Monitoring Well Design & Installation
Recovery Well Design & Installation
Soil Borings
Lithologic Interpretation
Surface and Borehole Geophysics

COMMUNITY RELATIONS

Community Outreach Programs
Planning, Training
Multimedia Public Meeting Support
Public Document Repository
Maintenance

creative thinking. custom solutions.

Cost-Saving, Innovative Solutions
National Contracts with Laboratories
National Contracts with Drillers
In-House Geophysics

Technical Expertise

Registered Professional Engineers
Registered Professional Geologists
Nationally Certified Professional
Geologists
Certified Hazardous Materials Managers

Clients

Tennessee Department of Transportation
Helena Chemical Company
Raytheon Technologies
Terminix
U.S. Navy
Weyerhaeuser
ServiceMaster
ALCOA

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