

Energy Development Services



Services

MSE offers a unique combination of consulting services and project support in the area of Energy Development, thanks to our experience and full complement of dedicated diverse staff. MSE is proud to be assisting many prominent companies in their effort to meet energy development goals. Our many services support our clients throughout the lifecycle of their projects including: surface water, mining, environmental compliance, permitting, GIS, environmental assessments, civil and environmental engineering, erosion control, land acquisition services and training. The following services are discussed in more detail on the back of this sheet.

- Environmental Compliance Permitting
- Environmental Management & Training
- GIS/Land Management
- Surface Water Quality & Watershed Management
- Hydrogeologic
- Mining
- Hazardous Waste Management
- Industrial

Environmental Compliance Permitting Services

- NPDES Permitting
- Storm Water Permitting (SWPPP)
- Air Permitting
- Land Application Permitting
- SPCC Plans
- Phase I/II Due Diligence Investigations
- EPCRA Reporting – SARA Title III & TRI
- Pollution Prevention & Waste Minimization

Hydrogeologic Services

- Aquifer Testing
- Dewatering Well Design
- Groundwater Modeling
- Water Rights
- Water Quality Testing
- Geologic Analysis

GIS/Land Management Services

- Land Management System Development
- Cartographic Services
- Conservation Easement/Agreement Development

Hazardous Waste Management

- Risk Assessment
- Permitting
- Fate and Transport Modeling
- RCRA/CERCLA Compliance
- Remedial Design and Management
- Soil and Groundwater Remediation

Surface Water Quality and Watershed Management Services

- Watershed Assessments/TMDLs
- Water Quality Studies
- Aquatic Habitat/Biota Surveys
- Erosion & Sediment Control
- Wetland Delineation
- Section 404 Permit Acquisition

Mining Services

- Mine Closure and Post-Closure Reclamation Services
- Mine Waste Repository Design
- Leach Pond and Reservoir Design
- Engineering Evaluation and Cost Analysis

Environmental Management & Training

- Environmental Compliance Audits
- Environmental Management Program (EMP) Development
- Comprehensive Training Services
- Environmental Management Information Systems (EMIS)
- Environmental Management Systems (EMS) (ISO 14001)

Industrial Services

- Wastewater Engineering
- Treatability Studies
- Air Dispersion Modeling
- Emission Inventories

Environmental Science & Engineering Solutions for the 21st Century