



Solid Waste Systems



Facility Siting/Permitting

- Geotechnical site characterization
- Hydrogeologic characterization

Waste Containment Facility Design

- Conceptual and final cell designs
- Hydraulic and hydrogeologic modeling
- Composite liners and LCRS design
- Final cover design
- Surface water management
- Landfill phasing plans
- Plans and specifications and cost estimates (PS&E)

Groundwater Protection

- Groundwater monitoring well systems
- Extraction well design
- Subsurface barrier design

Closure & Post Closure Maintenance

- Remediation system design
- Alternative cover studies
- Closure and Post-Closure Maintenance Plans
- Environmental monitoring and control systems
- Post-closure monitoring and maintenance
- Moisture monitoring

Permitting & Regulatory Agency Coordination

- Regulatory Monitoring and Compliance
- Joint Technical Documents (JTD)
- Waste Discharge Requirements (WDR)
- NPDES permits and Storm Water Pollution Prevention Plans (SWPPP)

Construction/Remediation Phase Services

- Constructability reviews
- Construction management (CM) and Contract Administration
- Construction quality assurance (CQA)
- Monitoring and compliance