



Construction Quality Assurance



Earthworks

- Engineered fills
- Landslide stabilization
- Compacted clay liners for waste containment
- Evapotranspirative cover systems and engineered soil covers for final closure



Geosynthetics

- Geomembranes, GCL, geotextile, and drainage geocomposite construction
- Liners, covers and leachate collection systems (LCRS) at waste management facilities
- Geogrid construction for MSE walls and slope stabilization
- Geosynthetics Institute (GSI) certified technicians



Instrumentation—Installation & Monitoring

- Inclinometers
- Piezometers and monitoring wells
- Time Domain Reflectometry (TDR) and neutron probes
- In situ hydraulic conductivity
- Integrated data acquisition systems



Ground Improvement

- Horizontal drains
- Stone columns
- Prefabricated vertical drains (PVDs)
- Slope anchors
- Deep dynamic compaction

Foundations and Site Infrastructure

- Concrete and shotcrete
- Shallow footings & mat foundations
- Driven piles and drilled shafts
- Asphalt concrete and road pavement
- Pipelines

Geology

- Geologic mapping