



USACE, SAVANNAH DISTRICT

LANDFILL CLOSURE, 17TH STREET LANDFILL – DESIGN/BUILD
Fort Gordon, Georgia

PROJECT HIGHLIGHTS

CLIENT PROFILE

The U.S. Army Corps of Engineers (USACE) Savannah District oversees various programs at 11 military installations in Georgia and North Carolina and manages the water resources of the Coastal Georgia region. The District provides expertise and management for a broad variety of disciplines including engineering, architecture, design, construction, master planning, subsurface exploration, hydropower, and environmental stewardship.

PROJECT OVERVIEW

The firm completed final design/build services, permitting, and construction of a landfill cover for the District, as well as erosion and sediment control upgrades, for the 45-acre 17th Street Landfill at Fort Gordon. The project originated from a Notice of Violation issued by Georgia Department of Natural Resources, Environmental Protection Division (EPD).

CHALLENGES

- Top Secret and Classified security protocols associated with an adjacent, National Security Agency facility.
- Redesign and modification of the project permit during construction due to discovery of asbestos and other materials that could not be relocated to accommodate existing design grades.
- Design and construction on a fast-track basis in order to comply with EPD's permit schedule.

THE MSE GROUP APPROACH

The 17th Street Landfill closure project consisted of two phases. The first phase involved the closure redesign including landfill cover design, stormwater control feature design, construction and safety plan development, and permitting.

The second phase was construction, which consisted of installation and removal of temporary erosion controls, clearing and grubbing of vegetation, reconstruction of the original sediment basin, placement of 2-foot soil cover, installation of permanent down drains and diversion terraces to the sediment basin, installation of riprap channel, and placement of vegetation.

ACCOMPLISHMENTS

- Successfully completed all phases of design and construction.
- Landfill closure met Georgia EPD rules for solid waste management as well as the terms and conditions as documented in EPD's Notice of Violation.
- Project completed ahead of schedule and under original budget, in spite of delays and additional costs associated with discovery of unknown conditions.
- Received high performance ratings from USACE.

AREAS OF EXPERTISE

- Final design
- Permitting
- Construction administration

“Contractor provided high-quality service and completed all tasks ahead of schedule and within budget. The installation is very pleased with their performance.”

– USACE,
Savannah District

“Exceptional”
Contractor
Performance
Assessment Ratings:

- Quality
- Schedule
- Cost control
- Business relations
- Management of personnel
- Use of small business