



USACE, SAVANNAH DISTRICT

FOREST HERBICIDE AND MULCHING TO CONTROL INVASIVE SPECIES

Marine Corps Logistics Base Albany, 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, managing water resources for 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

MSE provided contract service support to control invasive vegetation, improve forest health, and support forest regeneration at selected areas within Marine Corps Logistics Base (MCLB) Albany. Required services include herbicide application for upland pine and mixed-pine hardwoods and mid-story vegetation; site preparation for planting longleaf pine and native groundcover; and removal of hazard trees, debris piles, and tree stumps.

CHALLENGES

- Navigated weather (hurricanes and tornados) that altered access to site and treatment opportunities.
- Utilized specialized equipment (Marsh Master) for in-water work.

THE MSE APPROACH

MSE completed a desktop review of historical documents to identify areas of concern and field-verified such areas to provide an efficient field methodology for mulching and herbicide treatment. MSE identified undesirable understory and mid-story vegetation and provided treatment for over 65 acres of wetlands and 200 acres of invasive plant species. In addition, the firm removed over 30 large fallen trees and prepared a plan that included planting 220-acres of longleaf pine and native groundcover and removing hazard trees and tree stumps.

ACCOMPLISHMENTS

- Restored habitat restoration throughout MCLB Albany
- Improved safety for onsite residential areas through tree removal

AREAS OF EXPERTISE

- Forestry Management
- Nuisance flora/fauna control



Hazardous tree removal



Marsh Master for in-water work



Herbicide application