



CONFIDENTIAL GLOBAL SECURITY COMPANY

WETLAND MITIGATION BANK PERMITTING

Orlando, Florida

PROJECT HIGHLIGHTS

CLIENT PROFILE

The project is under a contract with a confidential global security company that is a recognized designer, developer, and manufacturer of precision engagement aerospace and defense systems for the United States and allied militaries. One of its five corporate business areas supports advanced combat, missile, rocket, and manned and unmanned systems for military customers including the U.S. Army, Navy, Air Force, and Marine Corps as well as NASA and dozens of foreign allies.

PROJECT OVERVIEW

The firm is providing all levels of ecological consulting services for permitting and implementation of a three-phase wetlands mitigation bank encompassing approximately 4,700 acres. Located in southeast Orange County, Florida, this property is home to more than 30 wildlife species federally or state listed as threatened, endangered, or species of special concern. The project will deliver a valuable and needed wetlands mitigation option for the Econlockhatchee River Hydrologic Basin.

CHALLENGES

- Obtaining concurrence from multiple federal and state agencies with varying goals and objectives including USACE, U.S. Fish and Wildlife Service, EPA, and the St. Johns River Water Management District (SJRWMD).
- Coordinating with a significant array of the client's corporate stakeholders including technical, legal, and financial personnel.
- Managing data for more than 50 distinguished habitat assessment areas.

THE MSE GROUP APPROACH

To meet the project schedule, goals, and objectives, the firm assembled a team of experienced ecologists and water resource engineers to map the distinguished habitat assessment areas, habitat types, and hydrologic regimes currently and historically found on the property. The team developed a site mitigation plan, monitoring plan, and long-term management plan that would deliver the maximum number of wetland mitigation bank credits.

In addition, to streamline communications and action item tracking, the project management team developed an interactive website and communication platform to consolidate the information and needs of internal and external stakeholders alike.

ACCOMPLISHMENTS

- GIS remote sensing review and approval by agency personnel resulted in considerable cost savings for field activities.
- Pre-application coordination with SJRWMD reduced requests for additional information and gained agency support prior to application submittal.
- Project-specific communication platform facilitated project efficiencies, minimized data loss, and mitigated conflicts associated with competing needs of various stakeholders.

AREAS OF EXPERTISE

- Natural resources planning
- Wildlife species assessments
- Agency permitting and coordination

The project involves a new 4,700-acre wetlands mitigation bank within an ecologically sensitive watershed.



Little Creek Florida Mitigation Bank