



BIRKITT
ENVIRONMENTAL
SERVICES, INC.



Birkitt Environmental Services, Inc. (Birkitt) has extensive experience providing environmental services to the aviation industry throughout the State of Florida. We specialize in environmental planning; wetlands, wildlife, and water quality studies; Environmental Assessments (EA) and Environmental Impact Statements (EIS); permitting/certification and mitigation design for a variety of airport projects. Innovative and strategic approaches are utilized to expedite permitting and provide cost-effective practical solutions to environmental issues. Birkitt staff have in-depth knowledge of all regulatory processes, wetlands delineations, habitat assessments, report preparation, and agency negotiations necessary for airport expansions and modifications.

Key Aviation Services Include:

Regulatory and Permitting

- Federal Aviation Administration (FAA) Coordination
- National Environmental Policy Act (NEPA) Compliance
- USACE Section 404 and Section 10
- Environmental Resource Permits (ERP)
- State Owned Uplands and Submerged Lands Easements
- Water Use Permitting
- Local Government Permitting and Licenses
- Coastal Zone Management Act (CZMA) Coordination

Ecological Services

- Wetland Delineation, Mapping, Functional Assessment, and Mitigation
- Environmental Assessments (EA)
- Environmental Impact Statements (EIS)
- Benthic Habitat Mapping, Impact Assessment and Mitigation
- Essential Fish Habitat Analysis
- State and Federal Protected Species Assessments
- Endangered Species Act / Section 7 Consultation
- Water Quality Impact Assessments

Public Involvement

- Coordination of Environmental/Special Interest Groups
- Public Scoping Meetings & Open Houses

Monitoring and Construction

- Development of Implementation Plans
- Stormwater Pollution Prevention Plans (SWPPP)
- Compliance Monitoring

people and nature

St. Augustine/St. John's County Airport

Birkitt Environmental Services, Inc. (Birkitt) assisted in preparation and coordination of an EA and permitted three safety improvement projects at the St. Augustine – St. Johns County Airport. These safety improvement projects involve repairing the Runway Safety Area (RSA), installation of an Approach Lighting System for Runway 13/31, and replacement of Taxiway C, resulting in impacts to 15.9 acres of wetlands and estuarine open water. Birkitt permitted the relocation of a tidal canal and restoration of an 18-acre spoil island as mitigation. Extensive agency coordination was required to obtain state and federal permits and to obtain the Sovereign Submerged Lands approvals and a Class II Waters variance. Birkitt is also responsible for providing construction and monitoring oversight.

Tampa International Airport

Birkitt has provided services for multiple projects at the Tampa International Airport including permitting and site civil engineering services associated with stormwater design, permitting for an Apron Runup Pad, and assistance in updating the TIA Master Plan which assessed impacts to key environmental factors as a result of implementation of the revised Airport Land Use Plan. Birkitt also provided gopher tortoise permitting and relocation services for the expansion of Taxiway V & W, as well as the construction of the TIA Warehouse Project. Birkitt negotiated with Hillsborough County for the recipient site identification and conducted land management activities on the recipient site.

Tallahassee Regional Airport

Birkitt provided assistance in preparing an Environmental Assessment for the Tallahassee Regional Airport (TRA). Birkitt conducted Threatened and Endangered species surveys (specifically Gopher Tortoise, Indigo Snake, and Zig Zag Silkgrass) at the TRA. Birkitt also coordinated with the USFWS and FWC to address concerns the resource agencies may have pertaining to listed species. Birkitt utilized the survey results and agency guidance to assist with the completion of an Environmental Assessment (EA) required for the airport to extend one of the two runways located on site.

Gainesville/Alachua County Regional Airport

Birkitt provided environmental consulting services for the completion of the Gainesville/Alachua County Regional Airport Environmental Assessment. This included the investigation of wetlands, threatened and endangered species, and biotic communities at the airport. The project included a 1,000 ft. extension of runway 6/24 as well as the runway safety area. Technical and legal feasibility evaluations were conducted to transfer the Airport's Conservation Easement to areas within the Gum Root Swamp. Assessment included wetlands delineation, UMAM analysis, mitigation development, and agency negotiations with St. John's River Water Management District.

Hernando County Airport Air Traffic Control Tower Site Assessment

Birkitt performed an environmental assessment of three (3) alternative locations for the proposed air traffic control tower. Evaluation included jurisdictional wetlands delineations and listed species to determine which site qualified for a Categorical Exclusion (CATEX) from preparation of a formal environmental impact statement pursuant to FAA regulations.

Southwest Florida International Airport

Birkitt prepared the environmental permit application for the ERP/Section 404 Permit for a 4,178-acre expansion of the Southwest Florida International Airport facility in Ft. Myers. Consultation with the state and Federal regulatory agencies was a key component of the permitting process. Birkitt was instrumental in the development of the wetlands functional assessment scoring guidelines for a mitigation park proposed which was proposed as compensation for the impacts associated with the airport expansion. The mitigation park is approximately 7,000 acres in size consisting of three adjacent pieces of property.