



# HILLSBOROUGH RIVER PARCEL ECOLOGICAL ASSESSMENT

## PROJECT DESCRIPTION

AEI was contracted by KCI Technologies to support the City of Tampa in performing an environmental assessment for an undeveloped 60-acre City-owned parcel located along the Hillsborough River. KCI Technologies requested that AEI provide the ecological services necessary to delineate wetland/surface waters and provide an environmental assessment within the project site.

AEI reviewed existing biological resources information and databases (e.g., Florida Natural Areas Inventory Online Biodiversity Matrix, Atlas of Florida Plants, the U.S. Fish and Wildlife Service [USFWS] National Wetlands Inventory, USFW's Information for Planning and Conservation tool) and prepared a list of sensitive biological resources that may occur in the study area.

Following the desktop review, AEI ecologists conducted:

- Reconnaissance
- Jurisdictional delineation (i.e., wetlands and surface waters) subject to federal and state jurisdiction.
- Presence/absence survey for Grand Trees as defined in City Code Section 27-284.
- A survey for potentially regulated or rare upland habitat types listed in City Code Section 27-287.

## OUTCOMES

AEI prepared an environmental assessment report that included the type and acreage of potentially jurisdictional waters and habitats on the property with interpretive map(s). The report also included a discussion on the likelihood for protected species to occur and the necessary measures to address them should development be proposed. Following the report, AEI met with the City to discuss the environmental constraints and the development outlook for the site. Since the site was constrained by state and federal jurisdictional wetlands, Grand Trees, rare upland types, and listed species, AEI's efforts were critical in determining the range of feasible projects for the property and for identifying the location and size of the most buildable area.

## PROJECT DETAILS

### PROJECT CLIENT:

City of Tampa Water Department via KCI Technologies

### PROJECT LOCATION:

Tampa, FL

### SERVICE LINE AREAS:



Ecological Services



Environmental Compliance

### EXPERTISE:

- Ecological Site Assessment
- Wetland Delineation
- Habitat Mapping
- Listed Species Survey
- Ecological Constraint Analysis