

# FIDDLERS BAYOU SUBMERGED AQUATIC VEGETATION SURVEY

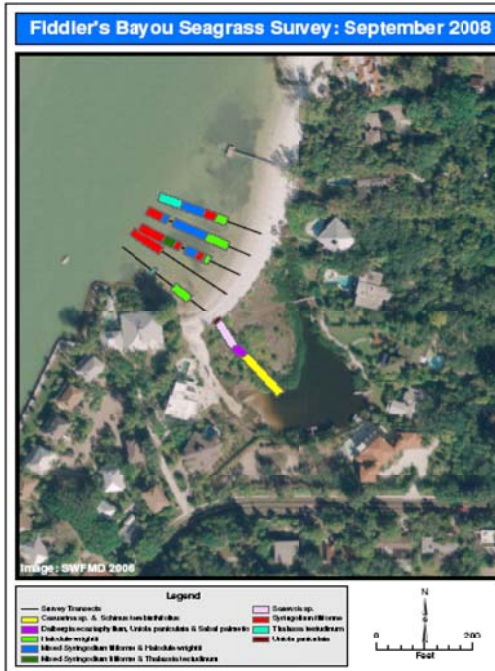
Client: Fiddlers Bayou Homeowners Association



In 2005, Coastal Tech completed a preliminary aquatic resources assessment of Fiddlers Bayou (approximately 2 acres in size) adjacent to Big Sarasota Pass. Specifically, the purpose of the survey was to determine the presence or absence of seagrasses and/or other aquatic resources and habitats of interest to the regulatory agencies, pursuant to the guidelines established for the U.S. Army Corps of Engineers (USACE), and the Florida Department of Environmental Protection (FDEP).

The primary goal of the reconnaissance-level survey was to identify the approximate location of any existing natural resources (such as mangroves or seagrasses) in the project area; however, no formal bathymetric or biological surveys were performed. Additionally, the hydrologic connection between Big Sarasota Pass and Fiddlers Bayou was informally evaluated.

In 2008, Coastal Tech conducted a Submerged Aquatic Vegetation (SAV) Survey within Big Sarasota Pass adjacent to Fiddlers Bayou. The purpose of the site visit was to assess a potential dredge route in order to restore a previously-existing channel from Big Sarasota Pass to Fiddlers Bayou by investigating the extent of SAV within Big Sarasota Pass and Fiddlers Bayou, as well as presence or absence of resources or habitats of interest to the environmental regulatory agencies, including USACE and FDEP. Coastal Tech also assessed the upland areas adjacent to Big Sarasota Pass and Fiddlers Bayou in order to determine a dredge cut route that would avoid and/or minimize impacts to native communities.



## Key Elements

Site Visit  
Feasibility Analysis  
Conceptual Plan  
Submerged Aquatic Vegetation  
(Seagrass)  
Survey & Report

**Date:** 2005 & 2008

**Cost:** \$16,000.  
\$6,500.

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