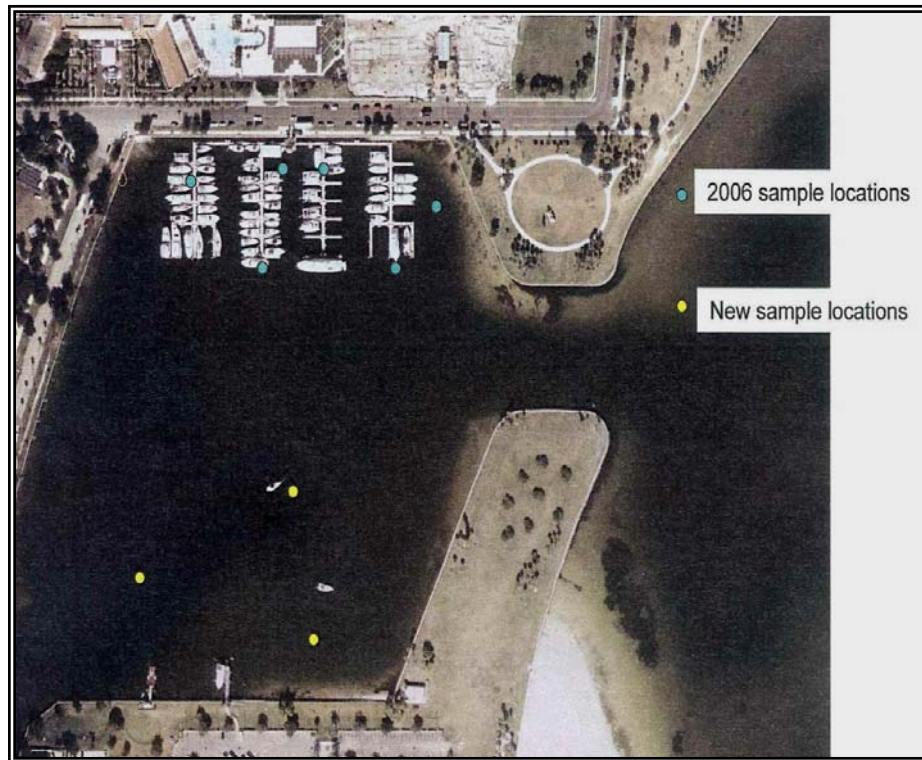


## VINOY BASIN MOORING FIELD STUDY St. Petersburg, Florida



### **PROJECT DESCRIPTION**

The Vinoy Basin Mooring Field Study is comprised of a 27-acre basin located in downtown St. Petersburg, in Pinellas County, Florida. Scheda conducted a survey using side-scan sonar and towed video to characterize benthic habitats within the basin. Using its 19' Catamaran style research vessel scientists surveyed the entire basin by running overlapping parallel transects and then "tie lines" (perpendicular transects) to examine the basin's entire bottom. Areas showing unique signatures were marked using marker buoys and then were examined using a towed black and white video camera or examined directly by Scheda scientists using SCUBA. The areas identified were then delineated from the surface using a Trimble GeoXT GPS unit (with sub-meter accuracy). These features were later downloaded and depicted on the most current aerial photography available and submitted with the summary report.

