

MALLORY DOCK MAINTENANCE DREDGING, KEY WEST

Sandra Walters Consultants, Inc. (SWC) worked with the City of Key West to add Mallory Dock to the harbor dredging project conducted by the U.S. Navy in 2005-6. Following extensive coordination with the Navy and many State and federal regulatory and commenting agencies, the City was added as a co-permittee to the already-issued Navy permits, and liability was strictly limited to the City for the Mallory portion of the dredging.

This area had experienced significant shoaling, causing restrictions in sizes of vessels that could be docked there, including Navy frigates for which the City had installed special utilities under a Navy grant. The work conducted brought water depths in the vicinity of Mallory Dock into conformance with those historically established.

SWC responsibilities included:

- ❖ Work with all relevant agencies, including the Florida Keys National Marine Sanctuary, to develop support for project,
- ❖ Supervise collection of all required data concerning biological and sediment environmental conditions in the vicinity of the dock,
- ❖ Acquire detailed depth profiles to define specific the dredging area,
- ❖ Prepare all required documents to add the project to the existing permits and process with the Florida Department of Environmental Protection and U.S. Army Corps of Engineers,
- ❖ Acquire EPA approval for use of already-permitted offshore disposal site for spoil,
- ❖ Coordinate with ongoing Navy project to schedule City dredging,
- ❖ Acquire required training and provide onboard quality assurance services and supervise all required monitoring activities during dredging project,
- ❖ Acquire after-dredge surveys to document project completion, and
- ❖ Prepare final reports for permitting agencies following work completion.

