



B-23 Canal Restoration Dredging & Seawall Replacement City of Port Orange, Florida

Client Contact

Mrs. Shannon M. Lewis, ICMA-CM
Deputy City Manager
(Previously with City of Port Orange)
City of Melbourne
900 E. Strawbridge Ave.
Melbourne, FL 32901
Tel: (321) 608-7211
Email:
slewis@melbourneflorida.org

Dredging and Marine Consultants, LLC (DMC) engineers and scientists was tasked with designing and permitting the restoration dredging and seawall replacement of the B-23 Canal. Permitting and coordination was completed through the Florida Department of Environmental Protection, U.S. Army Corps of Engineers and the Florida Inland Navigation District. This maintenance dredging project was part of the overall Rose Bay Restoration Project in Port Orange, Florida and DMC was able to coordinate the use of the same dredge equipment and disposal area as a cost saving measure for the City. In addition, DMC designed and oversaw the construction of shoreline stabilization at the MSA 434A Disposal Site as well as directed the facilities cleanup and sod establishment as part of the project closeout.

Key Elements

- Engineering and Design
- Sediment Sampling and Characterization
- Geotechnical Investigation Coordination
- Removing 20,000 CY of Sediments
- Design Replacement of 5,000 Linear ft of Seawall
- Public Engagement, Consensus Building and Presentations
- Construction Inspection and Management

Project Status

Project Start: 2011
Project End: 2013
Engineering Fees: \$87,000
Construction Cost: \$1.8 Million

