

## ROSE BAY AQUATIC ECOSYSTEM RESTORATION

Contract Value:	\$4,073.158
Performance Period:	September 2009 to expected completion of June 2010
Site Location:	Located in Volusia County, FL south of Daytona Beach. Approximately two miles north of Ponce Inlet Located on the west side of the Intracoastal Water Way . Latitude 29 5' 32" Longitude- 80 57' 2'.
Site Characteristics:	The site is an environmentally sensitive area in Volusia County, FL known as Rose Bay. This was a vital source of shellfish until 30 years ago. This project is designed to restore this natural habitat as part of the existing master storm water control project.
Project Characteristics:	Optimum's scope of work consisted of the following: <ul style="list-style-type: none"> <li>A. Reconstruct existing upland disposal area ( Lost Creek Island)</li> <li>B. Removal of 2 existing weirs and design/build of 2 new weirs.</li> <li>C. Dredging of approximately 152,000 cy, to be placed in the upland disposal area- 2 miles from dredging area. This is not accessible by land, barge only.</li> <li>D. New Dike is to be constructed from fill from the interior of the existing site and imported aggregate material for drainage filter.</li> </ul>
Owner:	U.S. Army Corps Of Engineers Jacksonville District 701 San Marco Boulevard Jacksonville, FL 32207-8175 Area Engineer: David R. Tolle ( 904) 614-9283- Mobile



Aquatic Ecosystem Restoration Rose Bay  
W912EP-09-C-0033



Image #90821 2135  
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Image #91119 2028  
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