

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>
Capital Expenditures	_____	_____	_____	_____	_____
Operating Costs	3,388,708	_____	_____	_____	_____
External Revenues	(1,138,762)	_____	_____	_____	_____
Program Income (County)	_____	_____	_____	_____	_____
In-Kind Match (County)	_____	_____	_____	_____	_____
NET FISCAL IMPACT	2,249,946*	_____	_____	_____	_____
# ADDITIONAL FTE POSITIONS (Cumulative)	_____	_____	_____	_____	_____

Is Item Included in Current Budget? Yes _____ No X
 Budget Account No.: Fund _____ Department _____ Unit _____ Object _____
 Program _____

B. Recommended Sources of Funds/Summary of Fiscal Impact

* No fiscal impact associated with the grant applications. Match requirements for any grant awarded will be determined contingent on the amount of award. Funding for these projects is anticipated from a combination of Federal funding, State grants, interlocal agreements, Pollution Recovery Trust, Vessel Registration and Manatee Protection funds.

C. Department Fiscal Review:

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III. REVIEW COMMENTS

A. OFMB Fiscal and /or Contract Dev. and Control Comments:

OFMB *[Signature]* 4/18/2013 *[Signature]* 4/23/13
cc 4/17/13 4/15/13 4/12/13 Contract Dev. and Control
4-23-13 Wheeler

B. Legal Sufficiency:

[Signature]
 Assistant County Attorney

C. Other Department Review:

 Department Director

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Background and Justification:

The Grassy Flats Restoration Project is situated immediately west of the Par 3 Golf Course in Palm Beach. The Town of Palm Beach Town Council considered and approved the project on August 14, 2012. The project consists of the capping of approximately 30,000 cubic yards of muck sediments to prevent their migration into the Intracoastal Waterway (ICW) and to restore 22 acres of estuarine habitat. The muck sediments will be capped with a thin layer of sand to restore 10.5 acres of seagrass within the project area and enhance 9.3 acres of adjacent seagrass through water quality improvements. Two small islands will also be created to provide 1.7 acres of intertidal habitat and 0.6 acres of oyster/artificial reef habitat. A shallow-water channel will be marked with navigational aids to facilitate boating and fishing opportunities for the public.

The Juno Dunes Natural Area Shoreline Restoration Project includes the construction of limestone oyster reef breakwaters on submerged lands in and around Palm Beach County's Juno Dunes Natural Area. The project area is located on the western portion of the natural area along the ICW. The project will stabilize 2,400 ft. of shoreline habitat from erosive wave activity caused by boat wakes and eventual migration of the eroded material into the ICW channel.

The Highland Beach Mangrove Shoreline Restoration Project includes the construction of limestone oyster reef breakwaters on submerged lands around two mangrove preserves in Highland Beach. The project will stabilize 1,700 ft. of shoreline habitat from erosive wave activity caused by boat wakes and eventual migration of the eroded material into the ICW channel.

The submerged portions of the oyster reef breakwaters at both project sites will provide essential habitat for estuarine fish and invertebrates and serve as substrate for oysters, which provides the added benefit of improved water quality. The proposed projects will reduce long-term maintenance costs associated with dredging in the ICW by stabilizing shoreline sediment adjacent to the channel.