



**PALM BEACH COUNTY
DEPARTMENT OF
ENVIRONMENTAL RESOURCES
MANAGEMENT**

**ENVIRONMENTAL
ENHANCEMENT &
RESTORATION
DIVISION**

SEPTEMBER 2009 STATUS REPORT

**Ibis Isle
Restoration:**

Muck is being capped in the northern portion of the project using a modified pea-gravel shooter system. The high-speed conveyor, designed specifically for this project, is capable of shooting sand a distance of 70 feet and allows for a more gradual application of material, thereby minimizing the displacement of muck.



The P-Shooter in Action

John's Island Oyster Reef:

The oyster habitat being created in the shallows behind John's Island now has 1,200 tons of rock in place with another 6,300 tons to be added in the coming weeks. Florida Inland Navigation District (FIND) and



John's Island

Lake Worth Lagoon Partnership grants are contributing 65% of the costs to construction of this 5 acre reef.

Dubois Park Restoration:

Permits from the South Florida Water Management District and USACE are finally in hand and construction is due to begin by March. Construction components include a snorkel lagoon, restored shoreline, day dock facility and replacement of existing shoreline protection structures.

Jupiter/Carlin Beach Renourishment:

The Joint Coastal Permit (JCP) application is being revised prior to submission to the Florida Department of Environmental Protection (FDEP) and United States Army Corps of Engineers (USACE). The updated Section 934 Report proposal to include the economic model Beach-fx will be reviewed by the BCC at the October 6, 2009 meeting. Comments on recent Draft Section 934 deliverables have been returned for revision.

Jupiter Beach Erosion Control:

A new structural alternative concept sketch is under review.

Boynton #3 Artificial Reef: 828 tons of large limestone boulders were deployed to create a reef in about 67 ft of water, one mile SE of the South Lake Worth Inlet. The reef was partially funded by a grant from the Florida Fish and Wildlife Conservation Commission. An adjacent reef was funded by the Silpe Foundation and will be named the Donny Boy Silpe Reef.



Ocean Ridge Nearshore Reef:

Work is underway to construct a nearshore reef just south of the South Lake Worth Inlet. Approximately 20% or 2,000 tons of limestone boulders have been deployed creating 15 reef pods (20' by 40'). The project is slated to be completed by late December of this year.

Central Palm Beach County Comprehensive Erosion Control Project:

The BCC approved an Interlocal Agreement with the Town of Palm Beach to cost share on the engineering, design & permitting of the proposed breakwater project as well as the USACE required Environmental Impact Study (EIS). The updated EIS proposal, which now includes a portion of the Town shoreline, will be reviewed by the County's Contract Review Committee (CRC) on September 30. Comments were provided toward updating the engineering & design proposal.

Singer Island Erosion Control Project:

The National Marine Fisheries Service Biological Opinion (BO) is still under review from their General Council and will not be available until mid October. On 9/21, the U.S Fish & Wildlife Service declared their review of the project complete and initiated the formal consultation. As a result, USFWS has until January 30th 2010 (135 days from initiation) to complete their Biological Opinion.

A second time waiver was executed for FDEP to maintain an active application until the BO's are available. FDEP is currently drafting an amendment to the funding agreement to encumber additional construction funds for the project and extend the term to account for the permitting delays encountered. Development of the technical specifications for construction is underway.

Juno Renourishment:

Construction is scheduled to begin on November 1. Sea turtle nest relocation continues. Contract submittals are still being received from the contractor and are under review by staff. Pre-construction monitoring of the reefs adjacent to the borrow area is scheduled to begin during the last week in September. A presentation on the upcoming construction was given to the Juno Beach Great Neighborhood Association.

South Lake Worth Inlet:

Concrete pours for the second floor and roof of the new sand transfer plant are complete, and the crane boom has been installed on the pedestal. The floor of the utility trench is in place. The discharge pipe has been installed on the bridge and along A1A, and the sand cannon has been installed on the beach. Steel sheet piles have been driven in along 853 feet of seawall at Bird Island with 57 linear feet remaining.

NENA Bluegill Trail Phase 1:

This project is on track to be advertised for bid in November.

NENA Historic Jupiter-Indiantown Trail, Phase 1:

The easternmost end of the trail between the terminus of the Old Indiantown Road Grade and Gulfstream Citrus Road was realigned this month in response to comments on the environmental impacts of the trail. The new alignment runs about 700' north of the old one to avoid all impacts to existing wetlands.

South Cove Restoration:

The Administrative Law Judge in the Chapter 120 Administrative Hearing ruled in the favor of the County's restoration project recommending that FDEP enter a final order approving the County's permit application to fill a muck filled dredge hole and create intertidal mangrove islands, oyster reefs, seagrass habitat, a boardwalk and mangrove planters along Flagler Drive in downtown West Palm Beach.

Sea Turtle Lighting:

As part of the Dark Skies Educational Campaign, fifteen County



South Lake Worth Inlet Crane Boom

Palm Tran buses will be displaying the Dark Skies Save Sea Turtles' Lives bus wrap. The wrap will be featured on coastal routes throughout Palm Beach County. The bus wraps are estimated to reach over 10,000 people and will be on

display for a minimum of four weeks. The bus wrap was funded by a grant awarded from the Sea Turtle Grants Program. The Sea Turtle Grants Program is funded from proceeds from the sale of the Florida Sea Turtle License Plate. In addition to the bus wraps the Sea Turtle Grants Program funds also purchased re-usable shopping bags, static cling decals and temporary tattoos to be given out to the public at various events. Learn more at www.helpingseaturtles.org



The Dark Skies Bus Wrap on the Road

