

BEACH AND SHORE PRESERVATION ADVISORY COMMITTEE

The Indian River County (IRC) Beach and Shore Preservation Advisory Committee (Beach) met at 3:00 p.m. on Monday, August 16, 2010, in the County Administration Building, Building B, 1800 27th Street, Vero Beach, Florida. You may hear an audio of the meeting; review the agenda and the minutes on the IRC website - www.ircgov.com/Boards/BSPC/2010.

Present were Chairman Bill Glynn, David Barney, Robert Lindsey, Cheryl Gerstner, and Bob Anderson, Board of County Commissioners (BCC) Appointees; Councilmember Mike Ochsner, Town of Indian River Shores Appointee; Councilmember Bill Troxell, Town of Orchid Appointee; and Councilman Joel Tyson, City of Fellsmere Appointee.

Absent was Councilmember Jim Hill, City of Sebastian Appointee; Councilmember Tom White, City of Vero Beach Appointee; and Stephen Krasco, BCC Appointee (all excused).

Also present were IRC staff: Commissioner Liaison Peter O'Bryan; Mike Zito, Assistant County Administrator; Jason Brown, Management & Budget Director; James Gray, Coastal Engineer; Rick Herren, Environmental Specialist; David Fleetwood, Superintendent, Parks Division; Mike Redstone, Assistant Director, Recreation Department;; and Terri Collins-Lister, Commissioner Assistant, District 4. Others present were: Tem Fontaine, Coastal Technology; Joan Bryant, Sea Oaks Home Owners Association; Lee Cockey, Marbrisa Home Owners Association; Ian Love, Vero News; and Barbara Lange, Interested Citizens.

Call to Order

Chairman Glynn called the meeting to order at 3:00 p.m.

Approval of the Minutes of June 21, 2010

ON MOTION BY Councilman Tyson, SECONDED BY Councilmember Troxell, the members voted unanimously (8-0) to approve the minutes of June 21, 2010 as presented.

Update on the Beach Restoration Post Construction Monitoring (PCM) - Mr. James Gray, IRC Coastal Engineer

Mr. Gray gave an update on the Post Construction Monitoring for the beach restoration projects. He reported as required by permit, the County must

conduct both biological and physical monitoring to assess potential project related impacts which included beach profile surveys, near shore reef monitoring, aerial photography, and sea turtle monitoring.

Mr. Gray advised that the county was conducting post construction monitoring for Sectors 1 and 2 Beach Re-nourishment Project, Sector 7 Beach Re-Nourishment Project, and Sector 3 Beach Re-nourishment Project – Phase I and reported on the following status:

Sectors 1 and 2

- Beach profile surveys - 100% completed
- Aerial photography - 100% completed
- 95% of the entire near shore reef mapping and monitoring – 9,000 feet of reef mapping remained
- Sea turtle monitoring was ongoing through October 31, 2010

Sector 7

- Beach profile surveys scheduled for the end of August 2010
- Aerial photography – 100% completed
- Near shore reef mapping and monitoring – only one (1) survey transect remained to be completed
- Sea turtle monitoring was ongoing through October 31, 2010

Sector 3

- Beach profile surveys scheduled for the end of August 2010
- Aerial photography – not currently completed due to unfavorable offshore conditions
- Near shore reef mapping and monitoring
 - 13 of 15 survey transects had been completed
 - 5,000 of the 31,000 feet of near shore reef mapping had been completed
- Sea turtle monitoring was ongoing through October 31, 2010

Mr. Gray reported Reef Cleanup would be held on Saturday, August 28, 2010 as part of the Sector 3 project. He explained the County had developed a Florida Department of Environmental Protection (FDEP) approved contingency mitigation plan to offset potential project related hard bottom impacts. Although no impacts to hard bottom had been documented, County staff and Coastal Tech had arranged a coastal reef cleanup to remove marine debris and other trash documented in 5-10 feet offshore of the Sector 3 project area. He told the

Committee with the help of volunteers, it was estimated a 40-yard dumpster would be filled as a result of the cleanup effort, resulting in the County possibly applying for .25 acre mitigation credit.

Mr. Gray said with the potential of project-related impacts costing up to \$1 million dollars per acre, this cleanup effort could save the County as much as \$250,000 in potential credit.

Mr. Gray then referred to Mr. Herren for an update on the sea turtle monitoring for both Sectors 3 and 7.

Mr. Herren reported the following preliminary totals for county-wide nesting through August 9, 2010.

4,693	Loggerhead nests
448	Green turtle nests
<u>86</u>	Leatherback nests
5,227	Total nests of all species

Mr. Herren referred to the Habitat Conservation Plan, the first full County-wide nesting program which was started in the year 2005 and noted the County was 1,200 nests over the five year average.

Mr. Herren compared the number of Loggerhead nests for the southern half of Indian River County, and reported Loggerhead nests had nearly doubled from 425 loggerhead nests in the year 2007 versus 993 loggerhead nests in the year 2010.

Mr. Herren reported the following preliminary totals for countywide nesting through August 9, 2010 in Sector 3:

North Control	509 Loggerhead nests
	45 Green turtle nests

North portion of Sector 3:	479 Loggerhead nests
	64 Green turtle nests

South Control:	229 Loggerhead nests
South portion of Sector 3:	245 Loggerhead nests

Total numbers in the control areas were:	738 Loggerhead nests
Total number in the Sector 3, Phase I:	724 Loggerhead nests

Florida Beach Management Program - Fiscal Year 2011-2012 Funding Requests

Mr. Gray relayed that each year the FDEP - Bureau of Beaches and Coastal Systems updated the Florida Beach Management Program Long-Range Budget Plan to develop a prioritized list of beach control projects to submit to the FDEP Fixed Capital Outlay. He added the top ranked projects submitted receive state cost share. He advised the County was seeking State FY 2011/2012 funding appropriation for the following projects:

- Ambersand Beach Project, \$125,000 – Planning Sectors 1 & 2
 - Funding would be used for continued permit requiring biological and physical monitoring of the completed project.
- Wabasso Beach Project, \$6,100,000 – Planning Sector 3
 - Funding would be used for bidding and pre-construction services, construction and post project monitoring of the project.
- City of Vero Beach Project, \$50,000 – Planning Sector 5
 - Funding would be used for technical support, design and permitting, including the preparation of an Environmental Impact Statement for the project.

Chairman Glynn requested a timeline for Sector 5 be brought back to the next Beach Meeting.

Update by the “Lessons Learned” Sub-Committee

Mr. Anderson highlighted positive lessons learned, including the ability to process sand into a better product.

Chairman Glynn reminded the Committee the method of process was closely supervised by the FDEP and Florida Fish and Wildlife Conservation Commission.

Mr. Gray remarked the County now had the potential to request the proven beach specifications for future sand mine projects.

Update from the Sebastian Inlet Taxing District Commission (The District)

No update available.

Chairman Glynn provided a summary of The District's upcoming election and appreciation for all of Marty Smithson's hard work.

ON MOTION BY Mr. Anderson, SECONDED BY Mr. Barney, the members voted unanimously (8-0) to send a congratulatory letter thanking Marty Smithson for his hard work.

Status of County Beach Parks

Mr. Michael Zito, Assistant County Administrator, provided a beach park status update. He reported having visited Wabasso Golden Sands and Treasure Shores Beach and advised the beaches were well attended, clean and the facilities were in great shape.

Mr. Zito mentioned Treasure Shores Beach was proposed for the elimination of the guarded beach due to a reduction in the Fiscal Year 2010/2011 Budget thus leaving four (4) guarded beaches remaining to the south of Treasure Shores, just a mile to the south was Golden Sands and the City of Vero Beach also has guarded beaches. He explained the new fiscal year approaching on October 1st, proposed a total county budget of \$258 million dollars; \$100 million dollar reduction from the previous year, or 27.9% decrease.

Mr. David Fleetwood, Superintendent, Parks Division, presented photographs of the new beach parks maintenance facility, located between Old Dixie Highway and 58th Avenue.

Committee Members Matters

There was none.

Chairman Matters

There was none.

Commissioner Matters

Commissioner Liaison O'Bryan reported that two turtles recently nested at the Disney's Vero Beach Resort and after nesting the turtles were restrained and a Global Positioning System satellite transmitter was affixed to them and then released. Anyone interested in tracking the turtle can Google Tour De Turtles website.

Other Matters

Mr. Herren reported the derelict vessel that was stranded on August 4, 2010 would be cut up and removed by the County's Road and Bridge Department.

Adjournment

There being no further business, the meeting adjourned at 4:07 p.m.