



Florida Department of Environmental Protection

WINDSHIELD SURVEY REPORT

Required Signatures: J. Spanier

Hurricane Name: 2017 Pre-Season		Survey Date: 05/10/17					Survey Tide Stage (if known):									
County Surveyed (include City, Town, Inlet, etc., if applicable)	From Reference Monument #	To Reference Monument #	Beach/Dune Conditions:					Type of Structural Damage:								
			No Damage	Condition 1	Condition 2	Condition 3	Condition 4	Under Structure	Foundation	Super Structure /Roofs	Armoring	Dune Walkover /Decks	Public Infrastructure	Other		
Martin County																
Jensen Beach Park	R-4	R-6	X													
Dunes Club Condo	R-25	R-26	X													
House of Refuge	R-29.5		X													
Brown/Taschman/Bathtub Reef County Park	R-34	R-36	X													
Sailfish Point/2001 Sailfish Point Condo Rock Boulder Structure	R-36	R-38	X													
North Beach Road	R-77	R-79		X												
Rock Boulder Structure	R-82			X												
Jupiter Island	R-104.5			X												
Jupiter Island	R-109	R-110		X												
Summary of General County-Wide Conditions (<i>i.e., shoreline and dune bluff erosion, overwash, storm surge and flooding, profile lowering, etc.</i>): No general areas of concern. Although the beach remains narrow around R-34-R-36, it is typical for this location. From Bathtub Reef Beach and north through Sailfish Point the beach is much wider due to the 2016/2017 JCP sand placement projects. Likewise, a similar JCP sand placement project on Jupiter Island in 2016 has allowed these beaches to remain wide.																
Site-Specific Conditions (<i>i.e., unauthorized construction/activity, beach debris, vegetation impact, sea turtle nest impact, etc.</i>): Please see below photos for site-specific conditions.																
Inspector's Signature: <u>Jason M. Spanier</u> Date: <u>05/22/17</u> Please attach photographs (including location and brief description)																



1. View looking north from ~R-5.5 at Jensen Beach Park. Currently the beach is fairly wide, typical and with no problem areas noted.



2. View looking south from ~R-5.5 at Jensen Beach Park. Currently the beach is wide with no problem areas noted. As pictured, there are minor amounts of hummocky foredune features trying to establish.



3. View looking north from ~R-25.5 at the Dunes Club Condo. Pictured here is an old scarp (1-3') which is landward of existing pioneer vegetation. Currently the beach is wide, typical and with no problem areas noted.



4. View looking south from ~R-25.5 at the Dunes Club Condo. Pictured here is an old scarp (1-3') which is well landward of existing pioneer vegetation. Currently the beach is wide, typical and with no problem areas noted.



5. View looking north from ~R-29.5 at the House of Refuge showing typical conditions.



6. View looking south from ~R-29.5 at the House of Refuge. No problem areas were noted.



7. View looking north toward the Brown/Taschman property and Bathtub Reef Beach from ~R-35. As pictured, there is currently a JCP sand placement project underway. Due to an extensive sand placement project here last year, the beach was still quite wide despite having a scarp mid-beach prior to this photo. It should be noted that the dune construction and revegetation (left) remains well intact from last year's project. Beyond the equipment, typical low-tide conditions are observed.



8. View looking south from the Bathtub Reef Beach deck/pavilion from ~R-35. Despite some sand loss during winter 2016/2017, the beach remained wide due to the large JCP sand placement project last year. Prior to this year's JCP project there was a scarp mid-beach but conditions overall were still much wider than in year's past.



9. View looking south seaward of the 2001 Condominium. The un-permitted rock revetment begins at the end of the aluminum seawall (pictured here) and extends south to the Sea grape hedge pictured (top).



10. View looking north seaward of the 2001 Condominium and un-permitted rock revetment. Currently, the beach is wide due to recent (Spring 2017) sand placement under JCP permit.



11. A 180-degree pan from Photo #10 looking south seaward of the 2001 Condominium and un-permitted rock revetment. Currently, the beach is wide due to recent (Spring 2017) sand placement under JCP permit.



12. View looking north from ~R-78.5 seaward of the 141 N. Beach Rd. area. Prior to 2016, this area was chronically plagued with highwater incursions and steep vertical scarping. However, with the 2016 JCP sand placement project, the beach remains wide. The boundary between the JCP placed sand last year and native beach sand can be seen by the difference in color. This area is currently marked by a 1-3' scarp (pictured). No current problems were noted.



13. View looking south from ~R-78.5 seaward of the 141 N. Beach Rd. area. This area was chronically plagued with highwater incursions and steep vertical scarping. However, a 2016 JCP sand placement project has widened this beach considerably. The boundary between the JCP placed sand last year and native beach sand can be seen by the difference in color. This area is currently marked by a 1-3' scarp (pictured). No current problems were noted.



14. View looking north near ~R-82. The 2016 JCP sand placement project has widened this beach considerably. This area is currently marked by a 1-3' seaward scarp (pictured). No current problems were noted.



15. View looking south near ~R-82. The 2016 JCP sand placement project has widened this beach considerably. This area is currently marked by a 1-3' seaward scarp (pictured). No current problems were noted.



16. View looking north from ~R-104.5 seaward of 285 S. Beach Road, Jupiter Island. A recently concluded JCP sand placement project has widened this beach considerably. Currently there is a low angle 2-4' scarp at mid-beach and further seaward. This area is armored with seawalls and revetments and under prolonged storm/erosional circumstances this beach is usually very narrow. During those periods, it is typical to see the water up to the seawalls (and difficult to traverse the beach) as was observed in 2014/2015 windshield reports.



17. View looking south from ~R-104.5 seaward of 285 S. Beach Road, Jupiter Island (180-degree pan from Photo #16). A recently concluded JCP sand placement project has widened this beach considerably. Currently there is a low angle 2-4' scarp at mid-beach and further seaward.



18. View looking north near ~R-127.5 seaward of 615 S. Beach Road, Jupiter Island. Currently in this location there is a 1-3' seaward vertical scarp and a lower angle 2-5' older, landward scarp. No problems were noted.



19. View looking south near ~R-127.5 seaward of 615 S. Beach Road, Jupiter Island. Currently in this location there is a 1-3' seaward vertical scarp and a lower angle 2-5' older, landward scarp. No problems were noted.