



TOWN OF PALM BEACH

Office of The Town Clerk

REPORT OF THE SHORE PROTECTION BOARD MEETING HELD ON MONDAY, DECEMBER 6, 2010

I. CALL TO ORDER

1
2 The meeting of the Shore Protection Board was called to order on Monday, December 6,
3 2010, at 9:00 a.m., in the Town Council Chambers.
4

II. ROLL CALL

5
6 The following members were present: Chairman E. Llwyd Ecclestone, Vice Chairman
7 Gerald Frank, Mr. Lewis Katz, Mrs. Bobbie Lindsay Buck, Mr. Lee David Goldstein, and
8 Mr. Pat Cooper. Mr. Kane Baker arrived at 9:02 a.m.
9

III. PLEDGE OF ALLEGIANCE

10
11 Chairman Ecclestone led the Pledge of Allegiance.
12

IV. APPROVAL OF AGENDA

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14 **Motion to approve the agenda was made by Mr. Goldstein, seconded by Mr.**
15 **Cooper, and approved unanimously.**
16

V. APPROVAL OF THE MINUTES OF THE OCTOBER 28, 2010, MEETING

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18 **Motion to approve the minutes of the October 28, 2010, meeting was made by Mr.**
19 **Goldstein, seconded by Mr. Cooper, and approved unanimously.**
20

VI. COMMUNICATIONS FROM SHORE PROTECTION BOARD MEMBERS

21
22 Mr. Baker spoke about an incident over the Thanksgiving weekend where boats had been
23 upended due to the accumulation of sand about 200 yards south of the Inlet. Town
24 Manager Peter Elwell reported that a notice to proceed had been issued for the dredging
25 that would occur in January. He explained that if the sand was not part of the channel,
26 either in the Inlet or as it fans out into the ocean, it would not be part of the dredging
27 project. Mr. Rob Weber, Coastal Coordinator, added that according to the Port, there
28 were no restrictions in the channel. Town Manager Elwell informed the Board that the
29 responsibility of the United States Army Corps of Engineers (USACE) to maintain safe

1 navigation is in the Inlet only. He said that the Coast Guard should be alerted of any
2 recreational boating hazard. Upon the request of the Board, Town Manager Elwell stated
3 he would get the details from Mr. Baker and notify the Coast Guard. Mrs. Buck reported
4 that the sand in the "shoal" area was dumped by the USACE and is inlet sand that had
5 been dredged in the past. She asked if this could be a borrow site. Mr. Weber responded
6 that it was being evaluated with the north sand search.

7
8 Mr. Goldstein thanked Town Manager Elwell and Mr. Weber for their excellent
9 presentation to the Citizen's Association. He asked if the Town had all the permits for the
10 dune restoration projects. Mr. Weber replied that the Town has all the state permits, the
11 Florida Department of Environmental Protection (FDEP), and the Florida Department of
12 Transportation (FDOT) for the right-of-way to truck the sand to Reach 8. He said the
13 only permits pending were the federal permits. He added that the Town was holding
14 discussions with the 3360 condominium regarding access to transport sand to the beach.

15
16 Mr. Goldstein asked for confirmation that the current Reach 8 project would yield a
17 category 2 hurricane protection. Mr. Weber responded that based on the National
18 Hurricane Center's website risk analysis and return period number, a fifteen year storm
19 period would be accommodating from the Reach 8 project and, probably, a 25 year
20 storm, which would satisfy a category 2 storm.

21
22 Mr. Frank spoke regarding a trip made by Mr. Weber and Mr. William Kelly, Palm
23 Beach Daily News reporter, to the Ortona sand mine. He stated that the newspaper article
24 was informative regarding the need to go so far to get quality sand.

25
26 Mr. Frank asked about the financial cost of core drilling the 2,000 feet to extend the
27 outfall pipe. Town Manager Elwell replied that it would be premature to put a cost on the
28 project at this time, but that it would be a major undertaking. He reported that the Town
29 was communicating with the USACE to secure the federal funding for phase II
30 construction.

31
32 VII. COMMUNICATIONS FROM CITIZENS 3 MINUTE LIMIT PLEASE

33 Mr. William Cooley, 8 Windsor Court, distributed and discussed a letter to the editor he
34 had written in December 2008 expressing concern with conflicts of interest for people
35 serving on Town boards or commissions who are also directors of other civic
36 organizations in the Town. He spoke about the failure of Reach 7 and the grain size used
37 in that renourishment. He said both these items are still relevant.

38
39 Mrs. Connie Gasque, 167 Root Trail, applauded the Town for using an upland sand
40 source because it is the correct grain size. She talked about the hidden costs of mitigation
41 for beach renourishment projects. She said a logical alternative, required in 1960 and
42 1967, is seawalls, but it is disruptive for turtle nesting. Mrs. Lindsay Buck responded that
43 the eighth goal of the Shore Protection Board is to "Investigate whether seawalls should
44 be placed in erosion prone areas not currently protected by such as "last resort" property
45 protection."

1
2 Council Member Richard Kleid, 2660 South Ocean Blvd., addressed the Board as a
3 resident of Reach 7. He refuted Mr. Cooley's comments regarding the failure of Reach 7,
4 saying there is an abundance of sand in the Reach 7 area into Reach 8, with the exception
5 of the Sloan's Curve area, which the Town knew would be a problem. He spoke about the
6 sand and said the Town learned from its experience that it was not the best quality.
7

8 Mr. Peter Pettie, West Palm Beach, stated that in the April post construction survey of
9 Reach 7 conducted on behalf of the Town, 40% of the dry beach and dune was lost. He
10 disputed Mr. Kleid's comments regarding the beaches at Reach 7 and Reach 8.
11

12 Council Member William Diamond, 220 Wells Road, reported that Congressman-elect
13 Allen West had responded favorably to the request to walk the beaches in Reaches 7 and
14 8 on December 20. He stated that the Town needed the approval of Congress to make
15 funds available for various projects for the USACE.
16

17 Council Member Diamond asked for an update on the expansion plans for the Port of
18 Palm Beach. Town Manager Elwell replied that the project was moving very slowly. He
19 said the Port still has ambitions to expand and had made repeated funding requests that
20 had either been not granted or received limited funding. He reported that the Town
21 continues to monitor the project and is not alone in its objection to the expansion.
22

23 In response to a question from Mr. Ecclestone, Town Manager Elwell stated there had
24 been no movement on the tri-party agreement for the active pursuit of a permit for
25 dredging, but there was agreement in terms of local communication and with the USACE
26 for managing sand at the Inlet. He reminded the Board that there was still pending
27 litigation between the Town and the USACE. He said that the Corps was very responsive
28 and he hoped for an announcement in 2011 with substantive details of how that will
29 improve the management of sand at the Inlet.
30

31 Mrs. Jere Zenko, 232 Tangier Avenue, asked for the cost of mitigation for the destruction
32 of the Breakers shallows reef. Mr. Weber replied that this issue would be discussed in the
33 permitting process for the next mid-town project. He explained that the impact was
34 caused from various obstacles including the 2004 and 2005 hurricanes, tropical systems,
35 and the sand placed in the immediate area. Mrs. Zenko stated that the Town of Palm
36 Beach in its sand program is an environmental polluter.
37

38 Mr. Richard Raffo, 173 East Inlet Drive, questioned if there had been negotiations with
39 Lake Worth regarding sand from Reach 7 and Reach 8 drifting south. Town Manager
40 Elwell answered that the communication with the City of Lake Worth was more open and
41 the City is less opposed to the work the Town is doing. He reported that the City of Lake
42 Worth had passed a referendum opposed to the direct placement of dredged sand onto the
43 city's beach. He reminded the Board that the City directly opposed the Town's Reach 8
44 project during litigation a couple of years ago. Mr. Raffo suggested the Town talk to
45 Congressman-elect Allen West regarding this issue.
46

1 Mr. Goldstein asked if there was anything new on the islands that were proposed in the
2 Lake Worth Inlet south of the Lake Worth Bridge. Town Manager Elwell replied that
3 there was a hearing held in proceedings with South Florida Water Management District
4 regarding their denial of the permit. He said he did not believe an Order had been
5 provided from that hearing, but he would advise the Board if an Order is issued.
6

7 Mr. Lewis Katz, as a resident of Reach 7, talked about the design of Reach 7 and the fact
8 that if 20% of the condominiums have no beach protection in less than a year, the project
9 is not a success. Mr. Weber responded that Applied Technology Management (ATM) had
10 performed the fiscal monitoring for this year and one of the tasks was to provide a report
11 to the FDEP regarding the performance of the Reach 7 project. Town Manager Elwell
12 said that the history of analyzing Reach 7 is clear. He explained that residents of the
13 Sloan's Curve area were disappointed because of the reduction of the project based upon
14 the federal government's unwillingness to issue a permit for this project north of Phipps
15 Ocean Park, and the people at the Reef were disappointed because the shortening of the
16 project and the grain size of the sand caused the north end of the project to unravel very
17 quickly. He said that the project overall had performed well, particularly at the southern
18 end of Reach 7 and the northern end of Reach 8 where the beaches are substantially
19 healthier today in terms of the stability of the sand. He stated that the Town learned
20 constructive lessons from Reach 7 and the approach for the next cycle of nourishment
21 would be smarter and more cost effective in the long run. Town Manager Elwell spoke
22 about sand grain size and the search for better quality sand at a lower cost.
23

24 Mr. Katz, who was not present at the last Shore Protection Board meeting, questioned
25 how the decision was made to hire Coastal Tech for the design and permitting for the
26 next Reach 7 project. He said that this project includes structures to address the hot spots,
27 retain the sand, and provide protection to the buildings. He questioned the experience of
28 Coastal Tech in designing open ocean structures and permitting them.
29

30 **Motion was made by Mr. Katz for Board to reconsider its motion to approve**
31 **Coastal Tech for the design and permitting of the next Reach 7 project.** He asked the
32 Town to take the submission from Coastal Tech, look at the questions asked by him, and
33 come back with why Coastal Tech is qualified to design and permit structures in Palm
34 Beach. **The motion died for lack of a second.**
35

36 Mrs. Buck asked for clarification regarding the proposal from Taylor Engineering, and if
37 they had a lot of experience with structures. Mr. Weber responded that Taylor
38 Engineering was hired to look at Reach 7, specifically the north area of Reach 7. He
39 reported that he and Taylor Engineering went to FDEP and shared the results of the
40 feasibility and alternative evaluation of Reach 7 and there were repetitive comments from
41 FDEP that it sounded very similar to what had already been received from Coastal Tech.
42 He stated that there was a lot of work by Coastal Tech that went into the original Reach 7
43 project and Taylor Engineering spent a lot of time getting up to speed on it. He further
44 stated that with the results from Taylor Engineering being very similar to Coastal Tech,
45 the comments from FDEP and how they received the Taylor report, and all the work that
46 had been done in the Reach 7 area, it was the determination of staff that Coastal Tech was

1 the appropriate firm to do the engineering and design. He explained that the permitting
2 process is independent and Coastal Tech may not be recommended for that work. Mr.
3 Katz asked that staff let the Board know what structures were designed by Coastal Tech.
4 Town Manager Elwell reminded the Board that structures had been discouraged by the
5 state except in particular hot spots and there were not a lot of firms with experience in
6 building them. He further reminded the Board of its disappointment with the process and
7 product received from Taylor Engineering. He stated that the Town is doing much more
8 work to collaborate with FDEP and with the private environmental interests before the
9 detailed design and application for a project and the appropriate solution for a particular
10 area. He said in that context, with the meeting with FDEP, and with the knowledge and
11 experience of how things went last year with Taylor, Coastal Tech was recommended as
12 the right solution for the design work. He added that staff was satisfied that Coastal Tech
13 had enough of a background in structures, along with the other strengths they bring to the
14 table, to be able to do this work. Mrs. Buck said that the north portion of Reach 7 would
15 always be a special project and include some structures. She reported that the
16 environmentalists she had spoken to specifically about the hot spot at Reach 7 were open
17 minded to the kinds of structures that Mr. Walther of Coastal Tech is considering. Mr.
18 Katz reiterated that the Town should not have engineering companies with no track
19 record or history and the Board should receive assurance they do have the experience.
20

21 Council President David Rosow, 1460 North Lake Way, expressed concern with the
22 experience of Coastal Tech in open water structures. He said if the Board does not ask
23 staff to justify the firm to be used for the project, then he would bring it to the Town
24 Council for consideration. Chairman Ecclestone asked Mr. Weber to provide the Board
25 with a report of confirmation at the next meeting. Following a brief discussion regarding
26 a delay of the project, Town Manager Elwell said he would provide additional
27 information to the Board and the Town Council as part of the backup for the December
28 14 meeting. He stated that if there are additional concerns from the Town Council, he
29 would bring the item back to the Board in January.
30

31 Mrs. Eleanor Brandman, 2773 South Ocean Boulevard, asked about the use of groins.
32 Town Manager Elwell replied that groins are so effective that the federal and state
33 governments will not allow them unless there are very unusual circumstances. He
34 explained that areas south of the groins would be starved of sand and would have a worse
35 erosion problem. He stated that the area in the north end of Reach 7 is a hot spot and will
36 have to be considered for groins or other structures to provide some protection for the
37 sand.
38

39 Council Member Richard Kleid, 2660 South Ocean Boulevard, asked for an explanation
40 of the process for selecting Coastal Tech. Town Manager Elwell responded that under
41 state statutes, whenever the Town hires engineers or architects to assist on Town projects
42 of any magnitude, the Competitive Consultants Negotiation Act (CCNA) is required. He
43 explained the process, which is a qualifications-based process; not a low bid process. He
44 stated that a request for qualifications (RFQ) was sent out, the qualifications were
45 reviewed, a short list developed, interviews held, and that five firms were selected and
46 approved by Council. He said there was some concern raised initially by the Shore

1 Protection Board early in 2009 that there was a need for broader expertise, particularly in
2 terms of peer review and firms that are not in Florida and may not have hands-on
3 experience with Florida jobs but are internationally recognized as high quality firms. He
4 stated that the Town sent out a second RFQ explicitly going internationally and four
5 firms were added for a total of nine coastal engineering consulting firms. He further stated
6 that, typically, the list of firms will last for five years before beginning the process again.
7 He noted that not all of the nine firms can design projects for the Town because they are
8 not registered engineers in the State of Florida. Town Manager Elwell stated that staff
9 went through a process to review the input received from FDEP and the availability of
10 the firms, some of whom were obviously better suited than others for this particular work,
11 and brought forward a recommendation that Coastal Tech would be the appropriate firm
12 for this particular work. Mr. Katz suggested other firms that had the qualifications and
13 experience to do this project. He expressed concern with the amount of time that had
14 passed since the original firms were selected and asked that the list be cleaned up and
15 new companies introduced that are the best in the field.
16

VIII. PRESENTATION OF COASTAL WEBSITE [Robert Weber, Coastal Coordinator]

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18 Mr. Weber presented the Town's coastal website, which can be accessed from a link on
19 the Town's website. He said it would continually be updated. Chairman Ecclestone
20 requested a zoom feature. The Board commended Mr. Weber for the work he put into the
21 website. Noting that the area of commonly asked questions was very important, Mr.
22 Frank asked that it be updated frequently, located in an area where it can easily be
23 reached, and the questions numbered. Mr. Weber stated that any questions regarding the
24 website or coastal issues can be sent to coastal@townofpalmbeach.com.
25

26 Mr. Goldstein asked if there would be a need for any mitigation when inland sand is used
27 on the dunes. Mr. Weber answered that it was not anticipated for this project, but the
28 Town would continue to monitor the issue. Chairman Ecclestone noted that it would be a
29 cost savings. He stated that the Town needed its own sand pit. Mr. Weber reported that
30 Ortona had a very thorough washing process and he was confident of the quality of the
31 sand.
32

IX. SEA TURTLE MONITORING [Robert Weber, Coastal Coordinator]

33
34 Mr. Weber reported that sea turtle monitoring is required from February through October.
35 He further reported that D. B. Ecological, the same firm that had performed the task for
36 the past four years, would continue to conduct the work at the same cost. He stated that if
37 the Town continues to do renourishment projects, it will have to continue to do the
38 monitoring. He said that this is the last year of the contract with D. B. Ecological and it
39 would go out for bid again in 2012. He noted that D. B. Ecological had assisted the Town
40 in providing sea turtle nesting data for grant agreements, which gives the Town better
41 scores in the competition for FDEP grants.
42

Motion to approve a contract with D. B. Ecological, Inc., for sea turtle nesting monitoring services for the 2011 sea turtle nesting season was made by Mr. Frank, seconded by Mr. Goldstein, and unanimously approved.

X. ANNUAL REPORT TO TOWN COUNCIL [Peter B. Elwell, Town Manager]

Town Manager Elwell asked for comments or direction as to the Shore Protection Board Annual Report that would be transmitted to the Town Council on December 14. Mrs. Buck shared her comments on the Report. She referred to page 3 of the Report and suggested the following sentence be added at the end of the Sand Transfer Plan, Phase II, Permitting paragraph: "For 2011, the board also recommends increasing community awareness and support, completing site-selection analysis, and continuing to address property owner sensitivities on this critical shore protection priority." She explained that this is a highly sensitive subject for the residents in the north end where the extension might be located. She suggested a more formal plan in 2011 to get the issues settled and questions answered. She reviewed some of the questions she had been asked and said that the Shore Protection Board members and Town Council members needed to know the answers to the questions. She asked that the Board consider holding some community forums, posting something on the website, or having Rob Weber go into the community to speak. Mr. Kane said the projects that had already occurred should be studied to know what had happened in the past.

Motion to add the suggested sentence was made by Mr. Goldstein, seconded by Mr. Frank, and unanimously approved.

Mrs. Buck suggested a modification to the paragraph under Lake Worth Inlet Maintenance Dredging to inform the Town Council that the Board wants sand wherever it is needed the most. She explained that staff had been asked to work with the legislature and permitting authorities to place dry, dredged sand wherever it is needed. She said that the sand is a source that could be used in templates that are not full in another Reach. Mr. Cooper said he understood that there were delicate negotiations with the USACE and they had agreed to place the sand on the beach for the first time. Town Manager Elwell responded that the USACE had done it in the past, but it had been inconsistent, and it had not happened in the last couple of years at their expense. He spoke about the collaborative conversations with the Corps. Mr. Cooper expressed concern with asking the USACE to open 13 miles of sand. Town Manager Elwell responded that the USACE was aware that the Town had the desire to have more flexibility in placement of the sand and he did not think it would disturb the communications with the USACE. He added that an issue that would need to be resolved was if the Town went outside of Reach 1 and Reach 2, would the Town have to pay the incremental cost of moving the sand.

Mrs. Connie Gasque, 167 Root Trail, spoke about the turning basin, part of the proposal for the Inlet, saying that it was mud and could not be deposited on shore.

Motion was made by Mr. Goldstein, seconded by Mr. Frank, and unanimously approved to reword the Lake Worth Inlet Dredging paragraph to read:

1 **Lake Worth Inlet Maintenance Dredging:** The board has continuously
2 recommended that the Town staff work with the US Army Corps of
3 Engineers (and the Port of Palm Beach) to ensure that the high-quality beach
4 sand being dredged from the inlet is placed on the dry beaches of the Town,
5 wherever the sand is needed the most. Federal permitting currently dictates
6 that any dredged sand shall be placed in the north-end of the island (Reach 1
7 and northerly part of Reach 2); however, we are continuing to work with the
8 state and federal authorities to seek the necessary legislation to get more
9 flexibility on sand placement. The inlet maintenance dredging project
10 scheduled for January, 2011 will include dry beach placement in the
11 permitted areas of Reach 1 and 2, of approximately 75,000 to 100,000 cubic
12 yards before the start of sea turtle nesting season on March 1, 2011. This
13 work is being performed by the US Army Corps of Engineers at no cost to
14 the Town.
15

16 Mrs. Brandman said that on December 6 it was stated that the Town had engineered
17 beaches and Federal Emergency Management Agency (FEMA) would be paying for it.
18 Town Manager Elwell responded that FEMA was paying for a large portion of the dune
19 work that would be done this winter; however, there are some sections of the beach that
20 are not considered an engineered beach because there has not been a beach restoration
21 project in those areas and the Town would be paying 100% of the cost. He added that the
22 Town would be paying 100% of the cost in the Sloan's Curve area.
23

24 Mrs. Buck recommended a change to the paragraph titled "Town-wide Sand Search
25 (Reaches 4 and 7)." She asked that the specification to Reaches 4 and 7 be removed
26 because it may imply that it is only benefitting those Reaches, and the Board had
27 approved looking for potential borrow sites for all beaches that might need sand.
28

29 **Motion to remove the references to Reaches 4 and 7 in the title of the paragraph was**
30 **made by Mr. Goldstein, seconded by Mr. Frank, and unanimously approved.**
31

32 Mrs. Buck suggested changes to the body of text in the Town-wide Sand Search
33 paragraph.
34

35 **Motion was made by Mr. Goldstein, seconded by Mr. Frank, and unanimously**
36 **approved to reword the Town-wide Sand Search paragraph to read:**

37 The board recommended two offshore sand searches (a North-end and a
38 South-end search) to identify new borrow sites for high quality beach sand
39 that might be needed in the future. Because of the high price tag on quality
40 sand from inland sources, the SPB urged the Town to include the North End
41 Sand Search within an amendment for the FY 2010 budget, so as to be
42 completed before the anticipated renourishment of Reach 4's Midtown
43 beach. Specifically, the SPB asked that the North End search include the area
44 of shoals currently built up from repeated dumping of dredged sand by the
45 US Army Corps of Engineers. The board's proposed 2011 coastal budget
46 already included an appropriation for the South End Sand Search to be

1 conducted. Town Council did concur with both SPB recommendations and
2 the two (2) offshore sand searches are underway and scheduled to be
3 completed, with borrow areas identified, in the summer of 2011. Results from
4 the initial field work for the North End project is expected to be presented to
5 the SPB early in 2011.
6

7 Motion to approve the Shore Protection Board Annual Report as amended and send
8 it to the Town Council was made by Mr. Cooper, seconded by Mrs. Buck, and
9 unanimously approved.
10

11 COASTAL MANAGEMENT PROGRAM 12

13 Mr. Cooper questioned pushing back projects in the outlying years (2012-2014) and the
14 high numbers associated with them. He asked if this could be discussed in full at the
15 January or February meeting. He asked for an understanding of the difference between
16 under consideration and a recommendation because there is a large monetary difference.
17 Mr. Ecclestone responded that some of the numbers were estimates because it was not
18 known what would be received from the federal government, if the permitting would be
19 available, coastal changes, etc. He said he had no problem with an internal review. Mr.
20 Katz stated that the main ingredient is the sand and the price of the sand. He spoke about
21 the need to find sources of sand and the cost. Mr. Ecclestone agreed and said some input
22 was needed from the offshore study. Town Manager Elwell also agreed that the price of
23 sand would be a large determining factor on the feasibility of some of the projects. He
24 clarified that the numbers for the groin rehabilitation, the Comprehensive Coastal Plan
25 Update, and the dune restorations identified in Reach 2, Reach 5 and Reach 6 relate to a
26 decision that would be made by the Board based on additional information that would
27 evolve over time in the out years. He said the information would help the Board decide
28 whether to pursue those items. He stated that the Reach 8 project was really a feasibility
29 issue; it is not clear at this time if there is a permissible project that the Town can and
30 should move forward with. He said that the Board would have to make some hard
31 decisions.
32

33 Mr. Ecclestone asked the cost of the sand from Ortona, without trucking. Mr. Weber
34 answered that the cost was \$12-\$15. Mr. Ecclestone suggested that the Town spend some
35 money, \$50,000-\$100,000, to do a full study of searching for local sand. Town Manager
36 Elwell responded that it was a different proposition than clean fill; clean fill cannot be put
37 on the beach.
38

39 Mr. Cooper remarked that he would like to see the Town in a position where it is not
40 always reacting, but being proactive. There was a discussion regarding the history and
41 permitting of seawalls. Mr. Cooper suggested that the Board consider the burying of
42 seawalls where there is a full beach. Town Manager Elwell stated that the Town cannot
43 afford to pursue solutions that are not going to be permitted and seawalls were not high
44 on the list. He advised that the Town policy is that staff will invest Town resources, time
45 and expertise to assist private property owners who want to build a seawall for their own
46 protection on their own property, help them get in touch with engineers to do the work, to

1 understand the FDEP process and the USACE process to pull the right permits, but the
2 Town does not currently pursue new seawall construction as a Town initiative for any
3 section of the Town's shoreline.
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XI. 2011 MEETING SCHEDULE [Peter B. Elwell, Town Manager]

Town Manager Elwell said that the Board has some business at the beginning of the new year which would not lend itself to a quarterly schedule. He recommended the fourth Thursday of each month be reserved for meetings, except for October 27 and December 5, and with no meeting in November. Chairman Ecclestone requested the dates be emailed to the Board members. There was agreement on the schedule.

Mr. Goldstein asked about the after effects of Hurricane Tomas. Mr. Weber responded that some of the dunes were impacted and there was some erosion from the higher tides. In response to a question from Mr. Goldstein, he reported that the permitting requires a specific volume (cubic yardage) and any change would require a modification of the permit. Mr. Goldstein asked if there had been any significant erosion. Mr. Weber replied that the sand had moved from the dune face to the berm and into the near shore in some areas. He said the volume is still within the same active template where the Town will be placing sand. Mr. Goldstein requested Mr. Weber do a walk through with pictures to see if there are any hot spots.

XII. ADJOURNMENT

There being no further business to discuss, the Shore Protection Board meeting of Monday, December 6, 2010, was adjourned at 11:37 a.m.

APPROVED:


E. Llwyd Ecclestone
Chairman