

**PELICAN BAY SERVICES DIVISION
CLAM BAY COMMITTEE MEETING
JANUARY 4, 2018**

The Clam Bay Committee of the Pelican Bay Services Division met on Thursday, January 4 at 1:30 p.m. at the SunTrust Bank Building, 801 Laurel Oak Drive, Suite 302, Naples, Florida 34108. In attendance were:

Clam Bay Committee
Susan O'Brien, Chairman

Bohdan Hirniak
Gary Ventress (*absent*)

Pelican Bay Services Division Staff
Neil Dorrill, Administrator
Marion Bolick, Operations Manager

Mary McCaughtry, Operations Analyst
Lisa Jacob, Associate Project Manager
Barbara Shea, Recording Secretary

Also Present
Jennifer Bobka, Earth Tech
Mohamed Dabees, Humiston & Moore
Tim Hall, Turrell, Hall & Associates
Mary Johnson, Pelican Bay Foundation

Andrew McAuley, Earth Tech
Arielle Poulos, Turrell, Hall & Associates
Jeremy Sterk, Earth Tech
Scott Streckenbein, PBSB Board

APPROVED AGENDA (AS AMENDED)

1. Roll call
2. Agenda approval
3. Approval of 12/07/17 meeting minutes
4. Audience comments
5. Clam Bay
 - a. ETE annual report (see note below)
 - b. Contract for debris removal from waterways
 - c. Contract for debris removal from hand-dug channels
 - d. Contract for hand-dug channel maintenance
 - e. Contract for exotic maintenance along west side of berm and in coastal scrub
 - f. Safety trimming along north boardwalk
 - g. Canoe trail marker 12
 - h. Other
6. Clam Pass
 - a. December tidal ratio report
 - b. H&M annual report
 - c. Other
 - i. Escarpment
 - ii. Next dredging event
7. Water Quality
 - a. Discharge from Mystique construction project
 - b. County Lab collecting water samples

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- c. County Lab entering WQ data for Clam Bay and berm sites into WIN
 - d. Other
8. Next meeting: March 6 or March 8
9. Adjournment

ROLL CALL

Mr. Ventress was absent and a quorum was established

AGENDA APPROVAL

Mr. Hirniak motioned, Ms. O'Brien seconded to approve the agenda as amended, with the additions of items #6ci and #6cii. The motion carried unanimously.

APPROVAL OF 12/07/17 MEETING MINUTES

Ms. O'Brien motioned, Mr. Hirniak seconded to approve the 12/07/17 meeting minutes as presented. The motion carried unanimously.

AUDIENCE COMMENTS

None

CLAM BAY

ETE ANNUAL REPORT

Mr. Jeremy Sterk, consultant with Earth Tech, provided and reviewed the 2017 Annual Clam Bay Monitoring & Management Report. Highlights of the report included the following:

- The health assessment scores of mangrove tree plots declined in 2017 (March to September) resulting from the adverse effects of Irma. Mangrove recovery from Irma will continue to be monitored; four plots will be added to specifically monitor this recovery.
- Coastal scrub vegetation monitoring shows scrub habitat, in general, is in good condition.
- The observed gopher tortoise population shows an increase of approximately 18%; all tortoises appear healthy.
- The acreage of scaevola (exotic plant) has increased, and it is recommended that the PBSB plan an exotic removal project to target this vegetation.
- A dramatic loss in seagrass acreage has been observed, attributable to the June – August conditions in Clam Pass. Ms. Mary Johnson suggested that last season's increase in boat activity may have been a contributing factor to the reduction in seagrass acreage.
- November/December water levels appear somewhat higher than a year ago.
- There is significant hurricane debris in the hand-dug channels; the goal is to remove this material in April.
- Recreational monitoring show markers and signage are in good condition except for Marker 12, which was uprooted during Hurricane Irma.
- Archaeological sites are in good shape, with no signs of any disturbance.

CONTRACT FOR DEBRIS REMOVAL FROM WATERWAYS

Mr. Sterk commented that he is working with Ms. Jacob to develop the specifications for the waterway debris removal project.

CONTRACT FOR DEBRIS REMOVAL FROM HAND-DUG CHANNELS

Mr. Sterk commented that the specifications for the hand-dug channel debris removal project will be developed subsequent to the completion of the waterway debris removal project.

CONTRACT FOR HAND-DUG CHANNEL MAINTENANCE

Mr. Sterk commented that the specifications for the hand-dug channel maintenance project will be developed subsequent to the completion of the hand-dug channel debris removal project.

CONTRACT FOR EXOTIC MAINTENANCE ALONG WEST SIDE OF BERM AND IN COASTAL SCRUB

Mr. Sterk commented that the project for exotic maintenance along the west side of the berm and in coastal scrub is out for bid and due back in two weeks.

SAFETY TRIMMING ALONG NORTH BOARDWALK

Mr. Bolick commented that his staff has completed the safety trimming of vegetation along the north boardwalk.

CANOE TRAIL MARKER 12

Mr. Sterk commented that he will follow up with the County on reinstallation of Marker 12, which was uprooted by Hurricane Irma.

CLAM PASS

H&M ANNUAL REPORT

Dr. Mohamed Dabees, consultant with Humiston & Moore, provided and reviewed the 2017 Clam Pass Physical and Tidal Monitoring Report. Highlights of the report included the following:

- Conditions at Clam Pass are stable but critical, and will continue to be monitored.
- An interim spring survey is recommended, if conditions remain as they are now, to assess the inlet prior to the tropical storm season.
- Ms. O'Brien suggested discussing a plan to avoid an "emergency dredge." Dr. Dabees commented that although an emergency cannot be preplanned, he suggested contingencies be put in place to prevent a two month delay in emergency corrective action (dredging), if required, as occurred in 2017. Dr. Dabees commented that the Clam Pass Management Plan states that dredging or any intervention is a last resort.

Mr. Dorrill commented that per a discussion held last summer, the County Manager is not willing to provide a "reserve" appropriation from the TDC, in case an emergency dredge is required. Mr. Dorrill suggested making an educational presentation to the TDC on Clam Pass, including how conditions can change quickly.

Mr. Sterk suggested putting out an RFP to prequalify dredging contractors.

12/20/17 CLAM PASS AERIAL PHOTOS

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Dr. Dabees provided the most recent (12/20/17) Clam Pass aerial photos for review by the committee.

ESCARPMENT (ADD-ON)

Dr. Dabees and the committee discussed the current escarpment observed at PB South Beach. Dr. Dabees commented that escarpments are sometimes self-correcting and that beach management practice is that action should be taken if the escarpment is longer than 100 feet and higher than 18 inches.

WATER QUALITY

DISCHARGE FROM MYSTIQUE CONSTRUCTION PROJECT

Ms. O'Brien commented that there is no longer any observable discharge from the Mystique construction project. Mr. Dorrill commented that the PBSO is eligible to review the Mystique's de-watering records. He directed Mr. Sterk to continue to monitor the Mystique.

COUNTY LAB COLLECTING WATER SAMPLES

Mr. Bolick reported that the County Lab will be collecting water samples, going forward, at a reasonable cost. The October WQ results are due this month. Ms. O'Brien reported that the Tomasko WQ report is expected prior to March.

NEXT MEETING:

By consensus, the committee agreed that the next meeting of the committee would be held on March 8 at 1:30 p.m.

ADJOURNMENT

The meeting was adjourned at 3:16 p.m.



Susan O'Brien, Chairman

Minutes approved as presented OR as amended ON 3/8/18 date