

**PELICAN BAY SERVICES DIVISION
CLAM BAY COMMITTEE MEETING
MAY 3, 2018**

The Clam Bay Committee of the Pelican Bay Services Division met on Thursday, May 3 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
Rick Swider

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
Marielle Kitchener, Turrell, Hall & Associates

Mike Shepherd, PBSB Board
Jeremy Sterk, Earth Tech
Trent Waterhouse, PBF

APPROVED AGENDA (AS AMENDED)

1. Roll call
2. Agenda approval
3. Approval of 03/08/18 meeting minutes
4. Audience comments
5. Clam Bay
 - a. Update on March mangrove monitoring
 - b. Rookery photos/videos
 - c. Bee boxes
 - d. Debris removal and hand-dug channel maintenance
 - e. Update on exotic maintenance
 - f. Canoe trail marker 12
 - g. Update modems on tidal gauges (*add-on*)
6. Clam Pass
 - a. Update on dredging
 - b. H&M April tidal ratio results
 - c. FDEP requiring idle speed signage
7. Water quality
 - a. Proposal for copper sediment testing in Upper Clam Bay
 - b. Copper results
 - c. Upland pond WQ reports
 - d. Data needed for Tomasko WQ report
 - e. Contract for THA WQ work for 2018
 - f. Other
8. Next meeting: July 12, 17, or 23
9. Adjournment

PBSD BOARD MEMBER, MR. RICK SWIDER, WAS WELCOMED AS A NEW MEMBER TO THE CLAM BAY COMMITTEE

ROLL CALL

All members were present and a quorum was established

AGENDA APPROVAL

Mr. Hirniak motioned, Ms. O'Brien seconded to approve the agenda as amended, with the addition of item #5g. The motion carried unanimously.

APPROVAL OF 03/08/18 MEETING MINUTES

Mr. Hirniak motioned, Ms. O'Brien seconded to approve the 03/08/18 meeting minutes as amended. The motion carried unanimously.

AUDIENCE COMMENTS

Mr. Trent Waterhouse, PBF board member, commented on (1) the recent motion filed by the PBF with the judge to get the lawsuit (against FWC to obtain a Manatee Protection Zone designation) remanded to the lower courts to obtain a decision, (2) plans by Mr. Gary McAlpin, Collier County Manager of Coastal Management Programs, to install four signs (idle or slow speed) in Outer Clam Bay, and (3) comments by Mr. McAlpin indicating that the County has no plans for manatee signage in Clam Bay until the PBF lawsuit is resolved.

CLAM BAY

UPDATE ON MARCH MANGROVE MONITORING

Mr. Sterk, consultant with Earth Tech, commented on the results of the March semi-annual mangrove monitoring, which showed that a majority of the plots were relatively stable. However, additional dead trees were observed, considered to be "after-effects" of Hurricane Irma. Mr. Sterk noted two out of the 21 plots as areas of concern.

ROOKERY PHOTOS/VIDEOS

Mr. Sterk provided drone photos of the rookery in Upper Clam Bay near Station #8, and suggested the high density of nests could be the source of high phosphorus levels in water quality data in this area. Ms. Marielle Kitchener, consultant with Turrell Hall & Assoc., offered to contact Dr. Tomasko (CH2MHill) to determine a "suggested method of documentation" of the nests.

BEE BOXES

Ms. O'Brien commented that the PBF is not interested in installing bee boxes.

DEBRIS REMOVAL AND HAND-DUG CHANNEL MAINTENANCE

Mr. Sterk commented that his firm, Earth Tech, will begin the annual hand-dug channel maintenance and IRMA debris removal work. The project is estimated at 40 days utilizing 6-8 workers.

UPDATE ON EXOTIC MAINTENANCE

None

CANOE TRAIL MARKER 12

Mr. Sterk commented that canoe trail marker 12 remains on the County's list of markers to be replaced.

UPGRADE MODEMS ON TIDAL GAUGES (ADD-ON)

Ms. Jacob commented that she will work with Mr. Sterk and/or Mr. Kevin Locher (Locher Environmental) to upgrade the modems on the tidal gauges, at a maximum estimated cost of \$2,000. The deadline to upgrade is December 2019.

CLAM PASS

UPDATE ON DREDGING

Mr. Dorrill provided an update on the current dredging project, which may be substantially complete by Tuesday, May 8. He commented very positively on the quality and speed of the work of the contractor, Cavache, Inc.

H&M APRIL TIDAL RATIO RESULTS

Ms. O'Brien commented that the April tidal ratios look good. Mr. Dorrill commented that Dr. Dabees reported to him that this morning's tidal ratios were .76 or .78 which were the highest he has ever seen.

FDEP REQUIRING IDLE SPEED SIGNAGE

Ms. O'Brien commented on an e-mail from Mr. Dave Cook to Mr. Dorrill, which suggested that a condition of the FDEP Clam Bay permit requires that there be idle speed and no wake signage in Clam Bay. Mr. Dorrill commented that he will discuss this issue with Dr. Dabees.

WATER QUALITY

PROPOSAL FOR COPPER SEDIMENT TESTING IN UPPER CLAM BAY

Ms. O'Brien commented on the Turrell, Hall & Assoc. sediment testing proposal of \$2,962 to help determine the source of high copper at Station #9 (as provided in the agenda packet).

Mr. Hirniak motioned, Ms. O'Brien seconded to approve the Turrell, Hall & Assoc. sediment testing proposal of \$2,962. The motion carried unanimously.

COPPER RESULTS

Ms. O'Brien commented that November 2017 – January 2018 copper results look good.

UPLAND POND WQ REPORTS

Ms. O'Brien commented that on 4/16/18 the Water Management Committee suggested that the Clam Bay Committee take another look at the possibility of reducing the proposed expenditure of \$25,000 for four CH2MHill quarterly water quality reports on WQ data from 28 of the upland ponds we manage.

Mr. Shepherd questioned what is actionable as a consequence of gathering this data.

Ms. O'Brien commented that we are currently impaired for copper and not meeting the criteria for total phosphorus in Clam Bay. She suggested that the FDEP may ask, "What are your inputs from the upland ponds into Clam Bay?" Ms. O'Brien commented that the water quality data is collected for documentation purposes and to provide to the FDEP as a defense and/or response to an inquiry. Mr. Hirniak commented that this documentation would show that we are

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“proactive” and continue to monitor the data closely. Ms. Kitchener commented that the action of “trying” keeps the FDEP at bay.

Ms. O’Brien suggested that Mr. Hall and Dr. Tomasko weigh in on whether we should continue the quarterly reports “as is,” or could we change the scope and/or frequency.

Mr. Trent Waterhouse commented that the PBSB is the managing entity of Clam Bay, and the PBF has jurisdictional oversight, as acknowledged by the FDEP.

Mr. Dorrill commented that a violation by FDEP could result in the FDEP setting TDML (total daily maximum load) parameters or they may set mitigation requirements.

DATA NEEDED FOR TOMASKO WQ REPORT

Ms. O’Brien suggested that THA be given only the monthly water quality data for the six berm sites, without including any extraneous data.

CONTRACT FOR THA WQ WORK FOR 2018

Ms. Kitchener commented that the THA water quality contract expired on April 11. Mr. Dorrill will work with Ms. Jacob to get a new contract in place.

NEXT MEETING:

By consensus, the committee agreed that the next meeting of the committee would be held on July 12 at 1:30 p.m.

ADJOURNMENT

The meeting was adjourned at 2:50 p.m.

Susan O'Brien

Susan O’Brien, Chairman

Minutes approved [] as presented OR [] as amended ON [7-12-18] date