PELICAN BAY SERVICES DIVISION  
CLAM BAY COMMITTEE MEETING  
NOVEMBER 14, 2019  

The Clam Bay Committee of the Pelican Bay Services Division met on Thursday, November 14 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  
Denise McLaughlin  
Rick Swider  

**Pelican Bay Services Division Staff**  
Neil Dorrill, Administrator (*absent*)  
Lisa Jacob, Project Manager  
Chad Coleman, Operations Manager  
Mary McCaughtry, Ops. Analyst (*absent*)  
Barbara Shea, Recording Secretary  

**Also Present**  
Tim Hall, Turrell, Hall & Associates  
Jeremy Sterk, Earth Tech  
Scott Streckenbein, PBSD Board  

**APPROVED AGENDA (AS AMENDED)**

1. Roll call  
2. Agenda approval  
3. Approval of 09/10/19 meeting minutes  
4. Audience comments  
5. Clam Pass  
   a. October tidal ratio report  
   b. October serial photo  
   c. Video of H&M report  
   d. Timeline for dredging-related activities  
6. Water Quality  
   a. Copper results  
   b. Second and third water quality reports  
7. Clam Bay  
   a. Update on monitoring  
   b. Canoe trail markers 10 and 12  
   c. Scyevola treatment  
   d. Update on County boater safety zone signage  
8. Clam Bay Expenses  
   a. Consulting expenses in FY19  
   b. $150,000 in Fund 111  
9. Annual reports  
   a. Clam Bay: due December 20, 2019  
   b. Bathymetric and Tidal Analysis: due December 20, 2019  
   c. Water Quality: due March 15, 2020  
9.5 Review of dredging article (*add-on*)
9.6 Sunshine Law (add-on)
10. Next meeting: December 10 or 12, 2019 or January 7 or 9, 2020
11. Adjournment

ROLL CALL
All members were present and a quorum was established

AGENDA APPROVAL
Ms. McLaughlin motioned, Ms. O’Brien seconded to approve the agenda as amended with the addition of agenda items #9.5 and #9.6. The motion carried unanimously.

APPROVAL OF 09/10/19 MEETING MINUTES
Ms. McLaughlin motioned, Ms. O’Brien seconded to approve the 09/10/19 meeting minutes as amended. The motion carried unanimously.

AUDIENCE COMMENTS
None

CLAM PASS

OCTOBER TIDAL RATIO REPORT
Ms. O’Brien reported that the October tidal ratios look excellent. She noted that markers 26 and 32 levels are at their lowest of the year, and that these tidal ratios will continue to be closely monitored.

OCTOBER AERIAL PHOTO
Ms. O’Brien reported that October Clam Pass aerial photos were provided to the committee via e-mail and that the pass continues to look very good. Mr. Swider requested that Dr. Dabees provide a few comments on the aerial photos provided to us each month. Ms. Jacob commented that Dr. Dabees reported that in October, the capacity has never looked better.

VIDEO OF H&M REPORT
Ms. O’Brien commented that staff will be working with Dr. Dabees to produce a video presentation of his report on his 2019 review of the management of the Clam Pass Inlet. Ms. McLaughlin suggested that members of the Mangrove Action Group could serve as audience members for the video.

TIMELINE FOR DREDGING-RELATED ACTIVITIES
Ms. O’Brien commented that she has suggested 13 dredging process steps, which were provided to staff for review, editing, and possible re-ordering. Ms. Jacob commented that she is in the process of completing a timeline for dredging-related activities. Mr. Swider suggested that this process is a management function, not a PBSD Board function. He commented that he does not see the value in this exercise, and it should not be a priority at this time. Staff resources are limited. He also suggested there are so many variables which contribute to the need to dredge, that we control none of these, and that a dredge event will always be an emergency event.
Ms. Mary Johnson commented on past maintenance dredge events, and that recent emergency dredges may be “used against” PBSD management. She suggested that the PBSD needs a better relationship with the County Procurement Dept. Ms. McLaughlin suggested that Dr. Dabees, in general, does not favor maintenance dredging. Our environmental consultants, Mr. Tim Hall and Mr. Jeremy Sterk, commented that maintenance dredging is needed from time to time. Ms. Jacob commented on the time needed for approvals from the TDC and BCC to obtain tourist development tax dollars to fund a dredging event. Mr. Hall recommended that the PBSD pre-qualify dredging contractors, to help shorten the timeline of the pre-dredging steps. He noted that the Clam Bay management plan spells out the criteria to trigger a dredge, and there is a subsequent small winnow of viability to complete the dredge. Ms. O’Brien and Ms. McLaughlin commented in favor of this idea and suggested that Mr. Callahan and Procurement staff be contacted to pursue this suggestion.

Mr. Streckenbein commented that he will attend a meeting on Nov.18, organized by Deputy County Manager Nick Casalanguida, to hear Dr. Dabees’ presentation of his 2019 review of the management of the Clam Pass Inlet. Invitees include Commissioner Solis, Mr. Casalanguida, Mr. Boco (PBF Board Chair), Mr. Hoppensteadt, and Mr. Dorrill. Mr. Streckenbein commented that the goal of the meeting is to (1) educate Commissioner Solis on why emergency dredges occurred in the past and may be needed in the future, and (2) provide information on the conditions which produce the need for an emergency dredge in order to deal with possible negative publicity. Ms. Mary Johnson expressed concern that no additional PBSD Board members were invited to this meeting.

WATER QUALITY
COPPER RESULTS
Ms. O’Brien commented that the Clam Bay copper results look fabulous.

SECOND AND THIRD WATER QUALITY REPORTS
Mr. Hall commented that Dr. Tomasko’s 2nd and 3rd quarter combined Clam Bay Nutrient Report was received this morning. He highlighted, (1) phosphorus continues to be problematic, 41 out of 47 data points exceeded acceptable levels, (2) nitrogen levels are O.K. and have improved since last year, and (3) there are no conductivity results in the July samples; he will follow up with the County Lab on the reason for this. Ms. O’Brien commented that the first quarter berm nutrients did not exceed acceptable levels, whereas the second and third quarter data show higher levels of nutrients.

Ms. O’Brien commented that the County Lab now provides our nutrient level reports on a quarterly basis. In order to get in sync with their quarterly reporting, she suggested that the 2019 annual report include 11 months of data, and then next year’s report would include 12 months. Mr. Hall commented that he will review his purchase order with Ms. Jacob to determine if this would be possible.

Mr. Swider suggested that PBSD staff should internally maintain nutrient data. Currently Turrell, Hall & Associates maintains the data, and enters the data into the state’s database.

Ms. McLaughlin questioned what the source of the phosphorus in Clam Bay could be. Mr. Hall suggested that the high levels of phosphorus existing within the Clam Bay system, continually gets put back into solution, and never leaves the system. Mr. Mummm commented that phosphorus is naturally occurring in our soil and continuously leaches out into the Clam Bay System.
CLAM BAY

UPDATE ON MONITORING
Mr. Sterk reported that he completed the gopher tortoise survey and the coastal dunes survey. He noted an apparent 12% decline in the gopher tortoise population.

CANOE TRAIL MARKERS 10 AND 12
Mr. Sterk reported that canoe trail markers 6, 10, and 12 have been replaced. He noted that one tidal gauge is currently not working; a battery replacement is necessary.

SCAEVOLA TREATMENT
Ms. O’Brien commented that Mr. Sterk will work on developing a proposal for a future scaevola removal project, to be included in a future PBSD budget.

UPDATE ON COUNTY BOATER SAFETY ZONE SIGNAGE
Mr. Sterk reported that he will contact the County Coastal Zone Dept. to obtain an update on the County boater safety zone signage planned for Clam Bay. Ms. O’Brien suggested that Ms. Jacob contact the Coastal Zone Dept. for additional information on this subject.

CLAM BAY EXPENSES

CONSULTING EXPENSES IN FY19
Ms. O’Brien commented that the PBSD spent $120,000 for Clam Bay environmental consulting services in FY19. She noted that an Earth Tech purchase order for water management work was charged to the Clam Bay cost center, and suggested that in the future, only Clam Bay related expenses should be charged to this cost center.

$150,000 IN FUND 111
Ms. O’Brien commented that the County contributes $150,000 annually towards Clam Bay environmental expenses.

ANNUAL REPORTS DUE: CLAM BAY, BATHYMETRIC AND TIDAL ANALYSIS, WATER QUALITY
No discussion

INVASIVE EXOTICS ON CONDO PROPERTY ALONG THE BERM
Ms. McLaughlin commented on invasive exotics on private condo properties along the berm, and she suggested that their association managers may not be aware that they are required to remove these exotics. Ms. O’Brien suggested that this issue be brought up to and discussed by the full PBSD Board. She suggested that the PBSD needs to communicate with condo boards to remind them of their responsibility to remove exotics on their property. Mr. Hall commented that he believes the PBF covenants include required invasive exotic removal on condo property, and that the PBF has the ability to enforce these covenants. Ms. Jacob suggested that we follow up on this issue with Ms. Lisa Warren, PBF Covenants Director.

REVIEW OF DREDGING ARTICLE (ADD-ON)
Ms. McLaughlin provided her draft PB Post article entitled “Five Year Review of Clam Pass Inlet Management including Dredging Program,” which was added to the record. Ms. O’Brien
provided Ms. McLaughlin with her edits to the article, and Ms. McLaughlin welcomed any additional edits.

**SUNSHINE LAW (ADD-ON)**

Ms. McLaughlin commented that she requested staff provide documentation showing that County Attorney Klatzkow has stated that public funds collected cannot be used for the benefit of private property. Ms. Shea commented that she has requested this documentation from Assistant County Attorney Colleen Greene. Ms. O’Brien commented that the PBSD Board has traditionally used the one-way communication as an informational tool, resulting from the lack of key documents being provided by staff to the board.

**NEXT MEETING:**

By consensus, the committee agreed that the next meeting of the committee would be held on Jan. 9, 2020 at 1:30 p.m.

**ADJOURNMENT**

The meeting was adjourned at 2:59 p.m.

Susan O’Brien, Chairman

Minutes approved [✓] as presented OR [ ] as amended ON [01-09-20] date