

**PELICAN BAY SERVICES DIVISION  
CLAM BAY COMMITTEE MEETING  
APRIL 6, 2017**

The Clam Bay Committee of the Pelican Bay Services Division met on Thursday, April 6 at 1:00 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 (*absent*)  
Marion Bolick, Operations Manager (*absent*)

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

**Also Present**

Jennifer Bobka, Earth Tech  
Mike Shepherd, PBSB Board

Jeremy Sterk, Earth Tech  
Dave Trecker, PBSB Board

**APPROVED AGENDA (AS AMENDED)**

1. Roll Call
2. Agenda approval
3. Approval of 03/02/17 meeting minutes
4. Audience comments
5. Mangrove die-off monitoring going forward
6. Clam Bay monitoring
  - a. H&M March tidal ratio data
  - b. Water level logger data
  - c. Mangrove plot monitoring
  - d. Maintenance of hand-dug channels
7. RFQ for water quality reports
8. RFQ for sediment testing
9. Clam Bay expenses for FY18
10. Copper results
11. County Lab vs. Benchmark costs for water quality analysis
  - a. County Lab January results (*add-on*)
12. Next meeting: May 4
13. 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 addition of discussion item #11a. The motion carried unanimously.**

**APPROVAL OF 03/02/17 MEETING MINUTES**

**Mr. Hirniak motioned, Ms. O'Brien seconded to approve the 03/02/17 meeting minutes as amended. The motion carried unanimously.**

**AUDIENCE COMMENTS**

Dr. Trecker commented on the good news in the December & January water quality reports which show only one instance of TP exceeding FDEP standards.

**MANGROVE DIE-OFF MONITORING GOING FORWARD**

By consensus, the committee agreed that staff will obtain the next Clam Bay aerial photo and updated mangrove die-off report from Turrell Hall in July. After a review of that report, the committee will reassess quarterly mangrove die-off reporting.

**CLAM BAY MONITORING**

**H&M MARCH TIDAL RATIO DATA**

March tidal ratio data was provided by Humiston & Moore in the agenda packet. Ms. O'Brien commented that although the ratios are not at levels we had hoped for, Dr. Dabees has expressed that he is not concerned, and that additional time is needed for these ratios to improve.

**WATER LEVEL LOGGER DATA**

Mr. Sterk commented that he has a year's worth of water level logger data. He commented that the drought experienced over the last six months has improved the drainage in Clam Bay.

**MANGROVE PLOT MONITORING**

Mr. Sterk reported completing the last set of the mangrove plot monitoring. He reported that (1) plots are generally stable from the previous monitoring event, (2) a decline in mortality was observed, (3) some recruitment was observed, and (4) his observations reinforce Mr. Hall's conclusions of a reduction in the number of acres of the mangrove die-off and an increase in new recruitment.

**MAINTENANCE OF HAND-DUG CHANNELS**

Mr. Sterk reported that J. A. Aquatics has completed about half of the hand-dug channels maintenance project (approximately \$35,000), consisting of clearing debris and roots from the channels. The committee and Mr. Sterk agreed that he would direct J. A. Aquatics to focus on Upper Clam Bay for the second half of the project.

**RFQ FOR WATER QUALITY REPORTS**

A copy of the RFQ for annual Clam Bay water quality monitoring & reporting was provided in the agenda packet for informational purposes.

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**RFQ FOR SEDIMENT TESTING**

A copy of the RFQ for bi-annual sediment sampling & reporting was provided in the agenda packet for informational purposes. Ms. Jacob commented that sediment testing would be completed in April and October.

**CLAM BAY EXPENSES FOR FY18**

Ms. O'Brien provided a draft FY18 Clam Bay budget for committee review.

**COPPER RESULTS**

Ms. O'Brien reported that the January report from the County Lab showed no samples out of compliance with FDEP copper standards; the December samples contained one sample exceeding FDEP copper standards.

**COUNTY LAB VS. BENCHMARK COSTS FOR WATER QUALITY ANALYSIS**

Staff obtained quotes for water quality sampling from Benchmark, which were compared to recent pricing by the County Lab. The committee noted that Benchmark pricing is significantly higher, and therefore, by consensus, the committee agreed that staff would continue to use the County Lab for water quality analysis.

**COUNTY LAB JANUARY RESULTS (ADD-ON)**

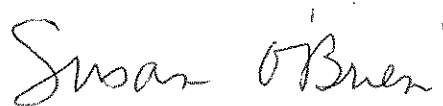
Ms. O'Brien reported that the County Lab lost refrigeration where the January samples were stored. This appears to have had no adverse affect on the nutrient levels reported to us.

**NEXT MEETING:**

By consensus, the committee agreed that the next meeting of the committee would be held on June 8 at 1:00 p.m.

**ADJOURNMENT**

**The meeting was adjourned at 1:45 p.m.**

  
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Susan O'Brien, Chairman

Minutes approved [ ] as presented OR [  ] as amended ON [ 6-8-17 ] date