

**PELICAN BAY SERVICES DIVISION**  
**Municipal Services Taxing & Benefit Unit**

**NOTICE OF PUBLIC MEETING**

**FEBRUARY 22, 2016**

**THE WATER MANAGEMENT COMMITTEE OF THE PELICAN BAY SERVICES DIVISION WILL MEET AT 1 PM ON MONDAY, FEBRUARY 22 AT THE PELICAN BAY SERVICES DIVISION, 3<sup>RD</sup> FLOOR OF THE SUNTRUST BUILDING, SUITE 302, LOCATED AT 801 LAUREL OAK DRIVE, NAPLES, FL 34108.**

**AGENDA**

1. Pledge of Allegiance
2. Roll call
3. Agenda approval
4. Approval of 1/19/16 meeting minutes
5. Audience comments
6. Status/plans for installing aerators in 2017
7. Current readings on effectiveness of tilapia, bacteria and peroxide in lake trials
8. Status on sediment testing
9. Status/plans for lake bank erosion projects
10. Adjournment

ANY PERSON WISHING TO SPEAK ON AN AGENDA ITEM WILL RECEIVE UP TO THREE (3) MINUTES PER ITEM TO ADDRESS THE BOARD. THE BOARD WILL SOLICIT PUBLIC COMMENTS ON SUBJECTS NOT ON THIS AGENDA AND ANY PERSON WISHING TO SPEAK WILL RECEIVE UP TO THREE (3) MINUTES. THE BOARD ENCOURAGES YOU TO SUBMIT YOUR COMMENTS IN WRITING IN ADVANCE OF THE MEETING. ANY PERSON WHO DECIDES TO APPEAL A DECISION OF THIS BOARD WILL NEED A RECORD OF THE PROCEEDING PERTAINING THERETO, AND THEREFORE MAY NEED TO ENSURE THAT A VERBATIM RECORD IS MADE, WHICH INCLUDES THE TESTIMONY AND EVIDENCE UPON WHICH THE APPEAL IS TO BE BASED. IF YOU ARE A PERSON WITH A DISABILITY WHO NEEDS AN ACCOMMODATION IN ORDER TO PARTICIPATE IN THIS MEETING YOU ARE ENTITLED TO THE PROVISION OF CERTAIN ASSISTANCE. PLEASE CONTACT THE PELICAN BAY SERVICES DIVISION AT (239) 597-1749 OR VISIT [PELICANBAYSERVICESDIVISION.NET](http://PELICANBAYSERVICESDIVISION.NET).

**PELICAN BAY SERVICES DIVISION  
WATER MANAGEMENT COMMITTEE MEETING  
JANUARY 19, 2016**

The Water Management Committee of the Pelican Bay Services Division met on Tuesday, January 19 at 1:00 p.m. at the SunTrust Bank Building, 801 Laurel Oak Drive, Suite 302, Naples, Florida 34108. The following members attended.

**Water Management Committee**

Tom Cravens, Chairman  
Ken Dawson

Mike Shepherd  
Scott Streckenbein  
Dave Trecker

**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

**APPROVED AGENDA (AS AMENDED)**

1. Pledge of Allegiance
2. Roll call
3. Agenda approval
4. Approval of 12/14/15 meeting minutes
5. Audience comments
6. Planning for WQ Workshop
  - a. Dr. Trecker's views, suggestions and goals
  - b. Workshop room set-up
  - c. Legal opinion regarding public funds for water treatment (*add-on*)
7. Adjournment

**ROLL CALL**

All members were present and a quorum was established

**AGENDA APPROVAL**

**Dr. Trecker motioned, Mr. Streckenbein seconded to approve the agenda as amended with the addition of a discussion item "legal opinion regarding public funds for water treatment" as item #6c. The motion carried unanimously.**

**APPROVAL OF 12/14/15 MEETING MINUTES**

**Mr. Streckenbein motioned, Mr. Shepherd seconded to approve the 12/14/15 meeting minutes as amended. The motion carried unanimously.**

**AUDIENCE COMMENTS**

Mr. Henry Bachman commented on PBSB water management easements and his belief of PBSB's violation of state statute forbidding "use of public funds for private benefit."

**THE CONSENSUS OF THE COMMITTEE WAS TO DISCUSS ITEM #6C  
IMMEDIATELY FOLLOWING AUDIENCE COMMENTS AS IT RELATED  
DIRECTLY TO HENRY BACHMAN'S COMMENTS**

**COMMITTEE MEMBER SCOTT STRECKENBEIN LEFT THE MEETING AT 1:53 PM**

**LEGAL OPINION REGARDING PUBLIC FUNDS FOR WATER TREATMENT**

Mr. Dawson recommended that the PBSB obtain a legal opinion from County Attorney Klatzkow as to the specific water management responsibilities of the PBSB. Mr. Dawson suggested that the PBSB is clearly mandated as the responsible party for the water quality of Clam Bay, and therefore it would follow that the PBSB must also be responsible for the lakes of Pelican Bay which all flow into the main water system and ultimately flow into Clam Bay. Mr. Dawson suggested that a legal opinion would clarify PBSB responsibilities for residents with different opinions on this issue, including those who believe that the PBSB is misappropriating public funds for private benefit.

Dr. Trecker suggested that MSTBU funds are not public funds and are clearly identified to be used for the benefit of Pelican Bay residents only. He discussed the uncertainty of whether these MSTBU funds can be used for work on Pelican Bay private land. Dr. Trecker suggested that the PBSB water management of all Pelican Bay lakes, including private lakes, would benefit all Pelican Bay residents. Dr. Trecker provided a one page summary of his views on this issue which was added to the record.

Ms. O'Brien suggested asking County Attorney Klatzkow to provide a list of documents he would require in order to provide a legal opinion on this issue.

Mr. Dorrill reported that the PBSB holds the Pelican Bay master drainage permit. Agnoli, Barber & Brundage has been tasked to provide an audit trail of all of the Pelican Bay construction and operating water management permits; findings are expected to be provided next month.

Mr. Cravens suggested that the committee waits to receive the Agnoli, Barber permit results and then discusses conclusions at a future meeting. The other committee members agreed.

**PLANNING FOR WQ WORKSHOP: DR. TRECKER'S VIEWS, SUGGESTIONS AND GOALS**

Dr. Trecker discussed his goals, objectives, and suggested format and program for the workshop. He provided a detailed outline for discussion points to be divided among Mr. Cravens, Mr. Dorrill, Ms. O'Brien, and himself. All of these ideas were included on a three page document which was added to the record. Copies of the brochure "Our Lakes in Pelican Bay" will be distributed at the workshop.

Mr. Dorrill suggested including a discussion of the fertilizer used by PBSB and what types of fertilizer are recommended.

**WQ WORKSHOP ROOM SET-UP**

**Pelican Bay Services Division Water Management Committee Meeting  
January 19, 2016**

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The Committee discussed ideas for the Water Quality Workshop room set-up and agreed upon the following:

(1) One table for the key PBSB speakers Mr. Cravens, Mr. Dorrill, Ms. O'Brien, and Dr. Trecker.

(2) One table for the five other members of the Water Management Committee and the Clam Bay Committee.

(3) Each audience member would be limited to one time at the podium for a question or comment.

(4) Each audience member would be limited to three minutes.

**ADJOURNMENT**

**The meeting was adjourned at 2:46 p.m.**

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Tom Cravens, Chairman

Minutes approved [ ] *as presented* OR [ ] *as amended* ON [ ] *date*

**From:** Jim Carr <[jim.carr@abbinc.com](mailto:jim.carr@abbinc.com)>  
**Date:** January 5, 2016 at 17:02:34 EST  
**To:** JacobLisa <[LisaJacob@colliergov.net](mailto:LisaJacob@colliergov.net)>  
**Cc:** Tom Barber <[tom.barber@abbinc.com](mailto:tom.barber@abbinc.com)>, BolickMarion <[MarionBolick@colliergov.net](mailto:MarionBolick@colliergov.net)>, Neil Dorrill <[Neil@dmgfl.com](mailto:Neil@dmgfl.com)>  
**Subject:** RE: Opinion of Estimated Costs for North Berm Stabilization/Slope?

Lisa,

Attached is estimated cost. The total area is based on the assumption of 2 feet width for 5,030 linear feet. The actual width could vary slightly, but this should be a good approximation.

The unit cost is estimated at \$30 per sq. yd. which is approximately the FDOT current unit cost, and is higher than the \$24.67 cost from Quality Enterprises bid tab.

As you had requested prior to the Christmas holidays, we should probably survey several locations to confirm the existing top of rock elevation to see if there are any variations.

*James A. Carr, P.E.*

**Agnoli, Barber & Brundage, Inc.**  
7400 Tamiami Trail North, Suite 200  
Naples, FL 34108  
239.597.3111 ext 215  
239.566.2203 fax

**From:** ResnickLisa [<mailto:LResnick@colliergov.net>]  
**Sent:** Wednesday, December 30, 2015 2:20 PM  
**To:** Jim Carr <[jim.carr@abbinc.com](mailto:jim.carr@abbinc.com)>  
**Cc:** Tom Barber <[tom.barber@abbinc.com](mailto:tom.barber@abbinc.com)>; BolickMarion <[MarionBolick@colliergov.net](mailto:MarionBolick@colliergov.net)>; Neil Dorrill <[Neil@dmgfl.com](mailto:Neil@dmgfl.com)>  
**Subject:** Opinion of Estimated Costs for North Berm Stabilization/Slope?

Jim,

Would you please prepare an opinion of estimated costs for the option to add more riprap higher up on the bank of the west side of the north berm to provide a consistent grass edge?

We are not interested in installing paspalum.

Thanks,  
Lisa

**From:** Jim Carr [<mailto:jim.carr@abbinc.com>]  
**Sent:** Monday, December 14, 2015 10:48 AM  
**To:** ResnickLisa  
**Cc:** BolickMarion  
**Subject:** North Berm stabilization / slope

Lisa,

We reviewed the west side (mangrove side) of the north berm slope per your request and concern about possible erosion. Based on a few site visits last week and our meeting on site Friday morning Dec. 11, it appears that the water level on the west side rises with tidal fluctuation, which deposits soil (dark

mud) on the rock rip rap. In several locations the soil saturation and mud also occurs behind the rock at the edge of the grass bank and the grass is not growing all the way to the edge of the rocks. We checked the water level a few days during last week just prior to and after high tides but at each occurrence the water level did not reach the top of rock.

I don't see that erosion is occurring because there is not evidence of the bank washing out, nor of any sand washing down from higher on the bank. There is a layer of fabric beneath the rock that is there to minimize and deter erosion and keep the dirt in place on the bank. It appears that the water rises at peak tides and stains most of the rocks up to or near the top of rock elevation. The soil is saturated in areas behind the rock which is too wet for the grass to root in that area. There are a couple of solutions that would improve the aesthetics and stabilization of the area behind the rock. One is to install a row of salt tolerant grass such as paspalum that would be more acclimated to brackish water. This species could be difficult to maintain and monitor, and to keep from growing between the rocks which might produce an irregular grass edge. Another option that might require less maintenance is to install a layer of rock higher up on the bank to provide a consistent grass edge. Fabric would not be necessary in this area. The rock could be placed on the bank where needed to blend in with the existing rock. Please let me know if you would like to explore these options and/or survey any of the existing bank elevations.

*James A. Carr, P.E.*

**Agnoli, Barber & Brundage, Inc.**  
**7400 Tamiami Trail North, Suite 200**  
**Naples, FL 34108**  
**239.597.3111 ext 215**  
**239.566.2203 fax**

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Agnoli, Barber & Brundage, Inc  
Engineer's Opinion of Probable Cost  
January 5, 2016 PN 13-0127

**Pelican Bay North Berm  
Rip-Rap Estimate (Sections 11 thru 59, West Side)**

| Item No.                           | Description                            | Unit | Quantity | Unit Cost  | Total Cost         |
|------------------------------------|--|------|----------|------------|--------------------|
| 1                                  | MOBILIZATION                           | EA   | 1        | \$5,000.00 | \$5,000.00         |
| 2                                  | RIP-RAP 12" THICK (2' WIDE x 5,030 LF) | SY   | 1,117    | \$30.00    | \$33,510.00        |
| <b>TOTAL</b>                       |  |      |          |            | <b>\$38,510.00</b> |
| <b>10% CONTINGENCY</b>             |  |      |          |            | <b>\$3,851.00</b>  |
| <b>TOTAL 110% OF PROBABLE COST</b> |  |      |          |            | <b>\$42,361.00</b> |