

PELICAN BAY SERVICES DIVISION
Municipal Services Taxing & Benefit Unit

NOTICE OF PUBLIC MEETING

MAY 10, 2021

THE **WATER MANAGEMENT COMMITTEE** OF THE PELICAN BAY SERVICES DIVISION WILL MEET AT **9:00 AM** ON **MONDAY, MAY 10** AT THE COMMUNITY CENTER AT PELICAN BAY, 8960 HAMMOCK OAK DR., NAPLES, FL 34108.

AGENDA

1. Pledge of Allegiance
2. Roll call
3. Agenda approval
4. Approval of 03/29/21 meeting minutes
5. Audience comments
6. *Oakmont Lake 4-1 restoration
7. Adjournment

**indicates possible action item*

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.

**PELICAN BAY SERVICES DIVISION
WATER MANAGEMENT COMMITTEE MEETING
MARCH 29, 2021**

The Water Management Committee of the Pelican Bay Services Division met on Monday, March 29 at 1:00 p.m. at the Community Center at Pelican Bay, 8960 Hammock Oak Drive, Naples, FL 34108. The following members attended.

Water Management Committee

Denise McLaughlin, Chair
Tom Cravens (*absent*)

Susan O'Brien
Scott Streckenbein
Michael Weir

Pelican Bay Services Division Staff

Neil Dorrill, Administrator
Chad Coleman, Operations Manager
Darren Duprey, Assoc. Project Mgr. (*absent*)

Karin Herrmann, Ops. Analyst (*absent*)
Lisa Jacob, Project Manager
Barbara Shea, Administrative Assistant

Also Present

Tom Barber, Agnoli, Barber & Brundage
Jane Brown, PBF Board
Jim Carr, Agnoli, Barber & Brundage

Joe Chicurel, PBSB Board
Mark English, PBPOA
Nick Fabregas, PBSB Board
Melanie Miller, Pelican Bay Foundation

APPROVED AGENDA (AS AMENDED)

1. Pledge of Allegiance
2. Roll call
3. Agenda approval
4. Approval of 02/01/21 meeting minutes
5. Audience comments
6. *Engineer's recommendation and cost estimates for Oakmont Lake 4-1 restoration
7. Lake bank restoration prioritization
8. Maintenance of private lakes
9. Staff progress report
 - a. Pipe evaluation (*add-on*)
10. Adjournment

ROLL CALL

Mr. Cravens was absent and a quorum was established

AGENDA APPROVAL

Mr. Streckenbein motioned, Mr. Weir seconded to approve the agenda as amended with the addition of item #9a. The motion carried unanimously.

APPROVAL OF 2/01/21 MEETING MINUTES

Mr. Streckenbein motioned, Ms. O'Brien seconded to approve the 2/01/21 meeting minutes as presented. The motion carried unanimously.

CHAIR COMMENTS

Ms. McLaughlin announced that this would be Mr. Streckenbein's last meeting as he is retiring from the PBSB Board on March 31, and thanked him for his eight years of service. She also introduced three of our newly elected board members who were in attendance, Mr. Jack Cullen, Ms. Susan Hamilton, and Mr. Michael Rodburg.

OAKMONT LAKE 4-1 ENGINEER'S RECOMMENDATION AND COST ESTIMATE

Our ABB engineer, Mr. Jim Carr, reviewed photos and a survey of Lake 4-1, including cross-sections. He noted that vegetation and trees, including 29 palms and 9 hardwoods on the east side of the lake may potentially need to be removed. He provided the advantages, disadvantages, and life expectancies of three restoration options including the following, (1) Option 1: regrading the entire lake bank at an estimated cost of \$1.16 million, (2) Option 2: regrading the east side and installing rip rap on the west side at an estimated cost of \$1.42 million, and (3) Option 3: installing GeoWeb on the east side and rip rap on the west side at an estimated cost of \$1.9 million. Mr. Carr commented that although the lake bottom material consists of suitable soil to use in the project, there is not enough of the material to provide cost savings to the project.

Ms. O'Brien stressed the importance of communication with the community on this project, including tree removal and replacement plans. (These trees are on PBF property and ultimately the PBF will make final decisions on a replacement landscaping plan.)

The committee discussed the pros and cons of each option, including a fourth option of only restoring seven sections of the lake bank which are out of compliance for slope. Mr. Carr commented that the use of GeoWeb on both sides of the lake would be the most effective option, but would come at a cost even higher than the three options presented.

Ms. Jane Brown, PBF Board, commented that rip rap is not a very attractive material, and she prefers that it is not used as a material in our lake bank restoration project.

Mr. Carr commented that his recommendation is Option 3. Ms. McLaughlin commented that Option 3 would provide us with the healthiest long-term solution.

Mr. Weir motioned, Mr. Streckenbein seconded to recommend Oakmont Lake 4-1 restoration project Option #3 to the full board. The motion carried 3-1, with Ms. O'Brien dissenting.

Ms. McLaughlin commented that she will bring this motion forward to the board and community. Ms. O'Brien commented that we need community input on our proposed plan.

LAKE BANK RESTORATION PRIORITIZATION

Our ABB engineer, Mr. Tom Barber, reviewed his "Pelican Bay Lake Ranking" table, provided in the agenda packet. He discussed the theory behind the quantitative and qualitative factors included in the prioritization formula used to rank the top ten lakes for

**Pelican Bay Services Division Water Management Committee Meeting
March 29, 2021**

lake bank restoration projects. Based on this prioritization, Oakmont Lake 4-1 restoration will be completed 2021/2022 and the Pelican Bay Community Center Lake 5-1 would be the next lake to be addressed. The next lake on the list is Community Park Lake 5-5. Ms. McLaughlin reported that she has learned that the PB Foundation cited the County Parks & Rec. Dept. on “unsafe lake erosion issues” in this park. There are picnic tables and park benches located very close to the eroded lake bank. Parks and Rec. Director Barry Williams responded that his department would take responsibility and address the lake bank erosion issues. Ms. McLaughlin noted, that based on this conversation, Lake 5-5 is no longer one of PBSB’s priorities.

Ms. O’Brien commented that this prioritization ranking table gives qualitative issues as much weight as quantitative issues. She suggested that the ABB ranking of lake banks provided a few years ago was more in line with PBSB responsibilities. She commented that she does not agree with their current theory of prioritization.

MAINTENANCE OF PRIVATE LAKES

Ms. McLaughlin commented that the Waterside Shops has requested that the PBSB assume responsibility for the maintenance of their two lakes (basin 1, lakes 1 and 2). She noted that if we were to assume this responsibility, then we would also be responsible for the maintenance of the conveyance pipes pertaining to these lakes.

Mr. Fabregas commented that of the 66 lakes (on private property) in Pelican Bay, the PBSB has easements and maintains 45 of these lakes. The PBSB does not maintain the other 21 lakes. He commented that there should be a unified system for monitoring and maintaining all of the lakes in the Pelican Bay. Mr. Fabregas suggested that the owners of the other 21 lakes should be given the option to convey easements to the PBSB. Ms. O’Brien commented that the original master plan included 45 lakes, and PBSB easements were obtained for these 45 lakes at that time. The other private PB lakes were not part of the master plan.

Mr. Dorrill commented that if the PBSB takes over responsibility of any additional lakes, then the master permit would have to be amended. He noted that the Waterside Shops is the only commercial property member where easements were never given to the PBSB for lake maintenance. Mr. Streckenbein suggested bringing this issue forward to the Board of County Commissioners. Ms. O’Brien suggested we obtain an opinion on this issue from the County Attorney. She also suggested that an assessment of the condition of the Waterside Shops lakes’ conveyance pipes is obtained. Mr. Dorrill commented that such an assessment will be explored.

STAFF PROGRESS REPORT

PIPE EVALUATION (ADD-ON)

Ms. McLaughlin commented that based on Mr. Duprey’s inspection work on drainage pipes, a project for installing concrete pipe lining in conveyance pipes will begin on April 19, some of which are located near Lake 4-1. She noted that his inspections showed that PBSB drainage pipes are in better shape than expected. Ms. McLaughlin noted that the cost of this project is within the FY2021 pipe maintenance budget.

ADJOURNMENT

The meeting was adjourned at 2:55 p.m.

Pelican Bay Services Division Water Management Committee Meeting
March 29, 2021

Denise McLaughlin, Chair

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

Oakmont Lake bank restoration & footpath replacement



- Preliminary design plan complete
- Three restoration options under consideration
- Anticipated commencement early 2022
- Estimated cost \$2M

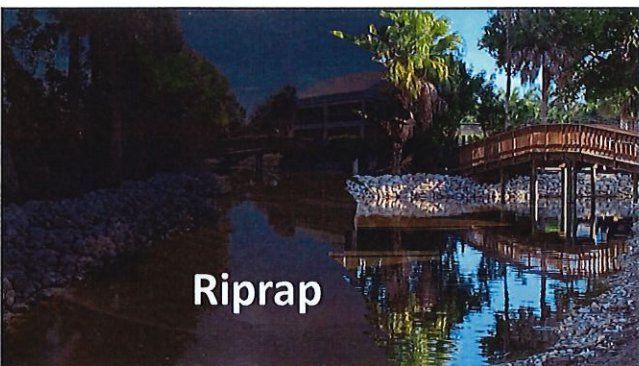
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Oakmont lake restoration
Preliminary engineer's opinion of probable cost

Options	Lake Subtotal	Total
C Geoweb east side & riprap west side	\$1,899,658	\$2,493,791
D Geoweb east side & regrade west side	\$1,679,108	\$2,251,186
E Geoweb all	\$2,031,338	\$2,638,639

Total includes cost for the lake, sidewalk and contingency fees

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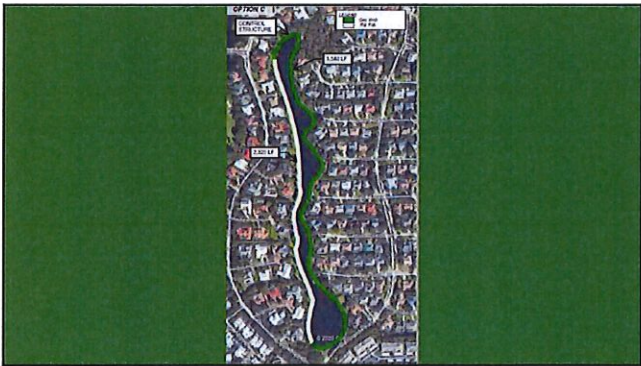


Riprap

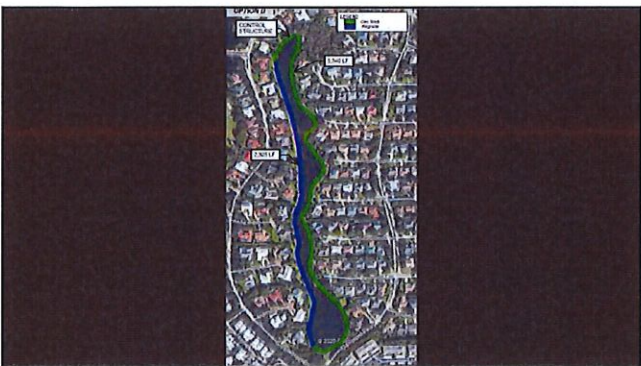
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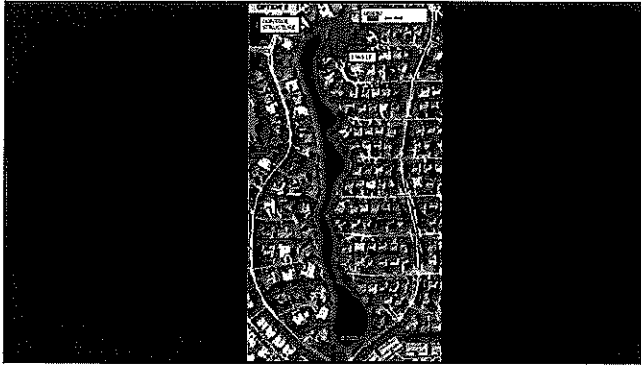
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