

PELICAN BAY SERVICES DIVISION
Municipal Services Taxing & Benefit Unit

NOTICE OF PUBLIC MEETING

JUNE 30, 2022

THE **WATER MANAGEMENT COMMITTEE** OF THE PELICAN BAY SERVICES DIVISION WILL MEET AT **1:30 PM** ON **THURSDAY, JUNE 30** AT THE PBSO OFFICE, SUNTRUST BUILDING, SUITE 102, 801 LAUREL OAK DRIVE, NAPLES, FL 34108.

AGENDA

1. Pledge of Allegiance
2. Roll call
3. Agenda approval
4. Approval of 03/01/22 meeting minutes
5. Audience comments
6. Lake bank restoration projects
 - a. Update on the Oakmont Lake Project
 - b. Status of the Community Center Lake
 - c. 5-Year Plan for future lake projects
7. Pipe inventory, integrity, and review
 - a. Review of pipe investigations to date
 - b. Pipe maintenance and repair projects
 - i. Georgetown
 - ii. Club Pelican Bay
 - iii. Future project planning
8. Discussion of merger of Water Management and Clam Bay Committees

**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) 252-1355.

**PELICAN BAY SERVICES DIVISION
WATER MANAGEMENT COMMITTEE MEETING
MARCH 1, 2022**

The Water Management Committee of the Pelican Bay Services Division met on Tuesday, March 1 at 1:00 p.m. at the PBSO Office in the SunTrust Bank Building, 801 Laurel Oak Drive, Suite 102, Naples, FL 34108. The following members attended.

Water Management Committee

Denise McLaughlin, Chair
Jack Cullen
Susan Hamilton

Michael Rodburg
Rick Swider
Michael Weir

Pelican Bay Services Division Staff

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

Karin Herrmann, Ops. Analyst *(absent)*
Lisa Jacob, Project Manager
William Mumm, Sr. Field Supervisor *(absent)*
Barbara Shea, Administrative Assistant

Also Present

Jim Carr, Agnoli, Barber & Brundage
Joe Chicurel, PBSO Board

Melanie Miller, Pelican Bay Foundation
Susan O'Brien, PBSO Board

APPROVED AGENDA (AS PRESENTED)

1. Pledge of Allegiance
2. Roll call
3. Agenda approval
4. Approval of 05/10/21 meeting minutes
5. Audience comments
6. *Recommendation to approve the Oakmont Lake project award
7. Pipe inventory and review status and implications for budget this year and in the future
8. Pipe maintenance projects
9. Status of the Community Center Lake and future lake bank restoration projects
10. Continued monitoring and sediment testing to anticipate drainage issues.
11. Possible strategic issues for Water Management
 - a. Implications of Sea Level Rise
 - b. Implications of extreme coastal storms and greater water flow
 - c. Increased level of rainfall per Figure 9 in 2020 Water Quality Report
 - d. Other considerations

ROLL CALL

All members were present and a quorum was established

AGENDA APPROVAL

Ms. Hamilton motioned, Mr. Cullen seconded to approve the agenda as presented. The motion carried unanimously.

APPROVAL OF 5/10/21 MEETING MINUTES

Mr. Rodburg motioned, Ms. Hamilton seconded to approve the 5/10/21 meeting minutes as presented. The motion carried unanimously.

AUDIENCE COMMENTS

None

APPROVAL OF THE OAKMONT LAKE PROJECT AWARD

Ms. Jacob provided the unofficial bid results for the Oakmont Lake Restoration project, and noted that Quality Enterprises is the lowest responsive bid. The bids are currently under review by our engineer and the County Procurement Dept. Our ABB Engineer, Mr. Jim Carr, estimated that the project will go before the Board of County Commissioners (BCC) for approval in late April. He commented that the contractor has a total of 9 months to complete the project. Mr. Duprey commented that the contractor will provide a work schedule after the contract is approved by the BCC.

Ms. Jacob commented that Quality Enterprises was the contractor for our Lake 2-9 Restoration project. Ms. O'Brien commented that we had disappointment in the quality of their work, resulting in a change in the specs by the board.

Mr. Swider questioned whether the committee should come up with a standard for lake bank restoration projects. Ms. McLaughlin suggested that each lake is uniquely different, and therefore "a standard" would not be appropriate. One size does not fit all. Ms. McLaughlin commented that we obtained community input on the restoration options for Oakmont Lake, and then the committee made a decision on what restoration method would be appropriate for this project. She suggested that the committee would be open to reviewing any standard that Mr. Swider might suggest at a future committee meeting.

Ms. Melanie Miller, Pelican Bay Foundation, commented that the PBF is now in the process of preparing a scope of work for the replacement of the asphalt pathway, bollard lighting, and retention walls (PBF responsibilities in the Oakmont Lake project), and then will communicate with Quality Enterprises to obtain a bid, which will need to go through the PBF approval process.

Dr. Chicurel commented that landscape replacement discussions will take place with the PBF after completion of construction. Ms. Miller commented that it is her understanding that the PBSB will replace any trees that are removed as part of the project. Ms. O'Brien suggested that as the owner of the land on the east side of the lake, the PBF would be responsible for landscaping in this area. Ms. Jacob commented that historically the PBF is responsible for purchasing landscape materials and the PBSB is responsible for maintaining them.

Mr. Carr commented that approximately \$36,000 was included in the project's budget for CEI services. Ms. O'Brien commented that in addition to the cost of construction of this project, we have already spent about \$250,000 for engineering, surveys, and permits.

Mr. Cullen motioned, Mr. Rodburg seconded to recommend to approve the bid from the apparent lowest responsible and responsive bidder in the amount of \$2,309,411 for the Oakmont Lake 4-1 restoration construction and authorize the necessary budget amendment. The motion carried 5-1, with Mr. Swider dissenting.

PIPE INVENTORY REVIEW AND BUDGET IMPLICATIONS

Mr. Duprey commented that a review of our pipe inventory is approximately 20% complete. We are looking at headwalls and connections via a camera. This process should be completed by the end of March. He noted that our budget for pipe repairs for FY2022 is \$200,000; additional funds may be needed this year for additional repair work. Mr. Duprey commented that once our pipe review is completed, we will prepare a five-year plan aimed at preventative maintenance.

PIPE MAINTENANCE PROJECTS

Mr. Duprey commented on and described two pipe maintenance projects which are underway including, (1) a set of pipes near the golf course for which a quote of \$174,000 for repairs has been obtained, and (2) a set of pipes in the Georgetown community for which a quote of \$44,000 for repairs has been obtained. He discussed the procedures for pipe repairs and stabilization of these areas.

FUTURE LAKE BANK RESTORATION PROJECTS

Ms. Miller reported that the PBF Board has approved the design development stage for their proposed Community Center renovation project, which will be followed by phases to include construction drawings, obtaining project bids, and then actual construction. If each phase is approved, the expected timeline projects completion by October/November of 2024. She noted that the plans include extending the building out to the edge of the lake bank. Ms. Miller commented that as the project progresses, the PBSB and PBF will have discussions on a lake bank restoration project for the Community Center Lake, to be completed after the building renovation project is completed.

Ms. McLaughlin suggested that there is not an urgent need to start another lake bank restoration project at this time. No committee members disagreed with her view. Mr. Duprey commented that he has only observed minor escarpment issues in our Pelican Bay lakes. He also noted that we are waiting to hear what lake bank restoration plans the County Parks & Rec. Dept. may have for the County Park Lake. Mr. Duprey commented that staff recommends accruing additional funds in the FY2023 budget to fund a future lake bank restoration project. Ms. O'Brien commented that annual accruals are only appropriate if our intent is to fund future projects with cash. She noted that Mr. Fogg has included \$2 million per year for lake bank projects in his 10-year budget projections.

CONTINUED MONITORING AND SEDIMENT TESTING TO ANTICIPATE DRAINAGE ISSUES

The committee had a brief discussion on whether any value is added by (1) dredging lake bottoms, (2) performing lake bottom sediment testing, or (3) increasing testing of lake water quality (we currently test water quality in 33 lakes). Ms. O'Brien commented that the PBSB has done sediment testing in the past. Ms. Jacob commented that she will provide

Pelican Bay Services Division Water Management Committee Meeting

March 1, 2022

the last sediment testing report to the committee for review. She noted that no critical issues were found in that report. Ms. Jacob commented that there is no permit requirement to test lake bottom sediment. She noted that copper sulfate is no longer used in Pelican Bay as an algae removal agent, and as a result, copper levels have declined in our lakes and Clam Bay. Ms. McLaughlin noted that if we chose to dredge sediment with a high concentration of copper from a lake bottom, then the cost of disposal may be very high.

POSSIBLE STRATEGIC ISSUES FOR WATER MANAGEMENT

IMPLICATIONS OF SEA LEVEL RISE

Ms. McLaughlin commented that a presentation on sea level rise will be provided to the board at a future board meeting. She noted that based on the information she has reviewed, sea level rise does not appear to be a critical issue for us.

IMPLICATIONS OF EXTREME STORMS AND GREATER WATER FLOW

Ms. McLaughlin commented that our water flow is very good and that this is not an actionable item.

INCREASED LEVEL OF RAINFALL PER 2020 WATER QUALITY REPORT

Ms. McLaughlin commented that rainfall in southwest Florida has increased in the five-year period ended 2020. She noted that our mangrove forest provides protection to the Pelican Bay community. Mr. Rodburg suggested that strategic questions would be, (1) What is the worse cases scenario? and (2) How do we deal with it?

ADJOURNMENT

The meeting was adjourned at 2:14 p.m.

Denise McLaughlin, Chair

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