

AGENDA
TOWN OF JUPITER ISLAND
BEACH PROTECTION DISTRICT MEETING
TUESDAY, JULY 16, 2024
ISLAND ROOM – TOWN HALL – 2 BRIDGE ROAD
DIRECTLY FOLLOWING SMRU BOARD MEETING (APPROX. 11:30AM)

1. Consent Agenda

Category A- To be reviewed and approved (as is or as edited) by the Town Commission

a. Minutes of the June 11, 2024, Beach Protection District Meeting

2. Beach Restoration Project Bid Award

3. Beach District Budget Update

4. Annual Physical Monitoring Report (Gahagan & Bryant)*

5. Beach Status*

6. Other Items

- a. Beach Protection District Goals and Objectives
- b. Other Items*

** No advanced materials provided*

Town Commission

Penny Townsend, Mayor
Marshall Field, VI, Vice Mayor
Anne Scott, Commissioner
Patricia Warner, Commissioner
Joseph Taddeo, Commissioner

Town Staff

Town Manager, Robert Garlo
Town Attorney, Thomas J. Baird
Town Clerk, Kimberly Kogos

STATE MANDATED STATEMENT

If a person decides to appeal any decision made by the board, agency, or commission with respect to any matter considered at such meeting or hearing, he will need a record of the proceedings, and that, for such purpose, he may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based. Any person requiring a special accommodation at this meeting because of a disability or physical impairment should contact the Town prior to the

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meeting. Please contact the Town Hall, 2 Bridge Road, Hobe Sound, FL 33455, telephone (772) 545-0103.

**MINUTES
TOWN OF JUPITER ISLAND
BEACH PROTECTION DISTRICT MEETING
JUNE 11, 2024 – 10AM**

TIME: Tuesday, June 11, 2024 – 10am
PLACE: Town Hall Island Room – 2 Bridge Rd., Hobe Sound, FL
PRESENT: Mayor Penny Townsend, Vice Mayor Marshall Field VI, Commissioner Anne Scott, Commissioner Patricia Warner, Commissioner Joseph Taddeo, Town Manager Robert Garlo, Beach Protection District Director John Duchock, Town Attorney Thomas Baird, IT Director Bill Sutton, and Town Clerk Kimberly Kogos.

Mayor Townsend called the meeting to order at 10:00 am

1. Consent Agenda – Category A

Category A- To be reviewed and approved (as is or as edited) by the Town Commission

- a. Minutes of the May 14, 2024, Beach Protection District Meeting

MOTION: *Field/Scott moved to approve the Minutes of May 14, 2024 as presented.*

ACTION: *Motion passed 5-0.*

2. Beach Project Status*

Director Duchock noted appreciation for the change of date and time for the Beach Protection District meetings going forward.

Director Duchock informed the Commission that last week was the deadline for contractors to submit questions for the current beach project, and bids will be due Friday, July 14th at 3:00 pm. Responses will be reviewed, and an apparent bidder will be selected and presented to the Commission at the July meeting for review and acceptance. Mayor Townsend questioned how many entities are expected to submit a bid. Mr. Duchock replied that because of the nature of the work (utilizing an ocean-going hopper dredge) and the scope, there are primarily only three contractors with the ability to perform the work: Great Lakes Dredge & Dock Co., LLC, Weeks Marine, and Manson Construction Co. Mr. Duchock stated that Weeks and Manson have been utilized for these projects for many years. In response to Mayor Townsend's question, Mr. Duchock noted that many keep fleets of hopper dredger - some even internationally. Mayor Townsend opined that a potentially large emergency operation (such as a situation on the Mississippi River Delta) could impede the Town's project. Mr. Duchock agreed that although commercial traffic would become a priority in such a situation and pull the fleet away from the project – currently that situation is not a concerning factor.

3. Beach Status*

Director Duchock updated the current Sea Turtle nest count noting that there are 425

Leatherback nests (which is a record high number), 2,665 Loggerhead nests and 75 Green Turtle nests on Jupiter Island as of yesterday. Although the Leatherbacks are close to the end of their season, both the Green Turtles and the Loggerheads will be increasing until tapering off in August.

Mr. Duchock noted that there were a few significant sea conditions during the month of May, but nothing especially concerning except for a few escarpments created in early June remaining at the present time.

Commissioner Taddeo expressed his concern about the many footprints seen around the turtle nests. Mr. Duchock stated that many of the footprints may likely belong to his crew but noted that there are always many footprints around the nests on the Public Beach, including those of animals in search of the eggs. There are also guided turtle nest tours at night provided by the Hobe Sound Nature Center, but these tours are not invasive and typically do not disturb nesting turtles.

Commissioner Scott added that she has seen lights on the public beach at night many times. Director Duchock opined this could discourage a turtle from coming ashore, also noting that the Nature Center staff would be using red lights, which does not affect the turtles at all.

Mr. Duchock noted that because the escarpments near 45 N Beach Road are variable in length and height, turtles are turning away when they encounter it – which is called an obstructed nesting attempt. The state asks the Town to monitor and report these failed attempts so they can assist in evaluating the situation.

Director Duchock advised that almost the entire length of the project would require some fill and that there is funding in place to do 1.2 million cubic yards of sand. Areas will be resurveyed to determine the higher priorities first, and then distribute the rest of the volume where possible.

4. HB7013 Requirements for Special Districts

Director Duchock noted that Florida House passed House Bill No. 7013, which the Governor signed on April 26, 2024. Specifically, the bill effects changes to F.S. Chapter 189, along with other statutes, concerning independent and dependent special taxing districts. The impact of the bill on the Town is a new requirement to establish and publish goals and objectives for the Beach Protection District, including performance metrics, and to report on those annually. Mr. Duchock noted that the first annual report is required to be published on the Town's website by December 2025 and referred to his handout which provides an example of series and objectives. Additionally, he is also coordinating with other special taxing districts on preparation strategies and welcomed the Commission's comments. In response to Mayor Townsend's question, further discussion may take place later. Commissioner Warner opined that once each Commissioner has had an opportunity to review Director Duchock's proposal in detail, additional comments and ideas would be generated.

Commissioner Scott shared an email exchange from 2021 with a well-known and published Professor Emeritus at the University of South Florida who ardently cautioned against building underground structures on a barrier island.

Vice Mayor Field also offered comment that given the litigious nature of the world, the Commissioners may face some liability in the future if a collapse does occur during a hundred-year storm event. Furthermore, Mr. Field opined that a waiver be on every building permit, as an awareness of potential future issues.

Mayor Townsend interjected that this topic has more to do with LDR's and Building. Mr. Duchock noted that he will begin to prepare a more detailed outline with performance metrics as a draft of what the Town would present for the House bill requirements and circulate among the Commissioners for comments.

Commissioner Warner asked Mr. Duchock if he has ever requested permission from the State to close the public beaches at night during turtle nesting season. Mr. Duchock advised he had not, but proposed reaching out to the local contact of FWC and see if there has ever been an instance that it was done. Commissioner Taddeo noted that the Town would have to do it in conjunction with Martin County; discussion followed. (54:22).

5. **Other Items***

There were no other items discussed.

Mayor Townsend adjourned the meeting.

Respectfully submitted,

Kimberly Kogos, Town Clerk

TOWN OF JUPITER ISLAND

MEMORANDUM

TO: Mayor & Town Commission

THROUGH: Robert Garlo, Town Manager *RG*

CC: Kimberly Kogos, Town Clerk

FROM: John Duchock, Asst. Town Manager/Beach District Director

RE: Agenda Item 2.: 2024 Beach Restoration Project Bid Award

DATE: 6/12/2024

Background:

The Town began the bid solicitation process for beach renourishment on May 10, 2024. The Town held a bid opening at Town Hall on June 14th at 3:00 PM. Bids were received by Weeks Marine and Great Lake Dredge and Dock. Other companies were listed as planholders, including Manson Construction Company who has historically submitted a bid, but did not submit for this solicitation.

Summary:

The following is a brief summary of the bids received for placement of 1,200,000 cubic yards of sand along the Town's beaches.

Beach Restoration Project Bid Summary (ITB#2024-04)

Bidder	Bid Total (1,200,000 cy)	Unit Price (\$/cy)
Great Lakes	\$31,246,000	\$26.04
Weeks Marine	\$28,565,000	\$23.80

The low bidder is Weeks Marine, Inc. They have provided the required bid documents, acknowledged receipt of the issued addendum, and have provided the required bid bond in the amount of 5% of the total bid. Town staff has reviewed the submittals and has concluded that Weeks Marine, Inc. has submitted a complete bid.

A review of the previous beach nourishment project bid in 2020 highlights the following key cost changes:

1. The lowest bid total for 2020 was \$13,117,000 for 663,000 cubic yards, yielding an effective unit price of \$19.78 per cubic yard. The effective unit price for the 2024 project is \$23.80 – a **20% increase** from the previous project.
2. There was a significant increase in mobilization/demobilization costs. The low bid mobilization/demobilization line item cost for the 2020 project was \$3,400,000, compared to \$6,750,000 for the 2024 bid – nearly double the cost.
3. There was a **31% increase** in the unit price to dredge, place and grade sand, increasing from \$13.50 per cubic yard in 2020 to \$17.75 in 2024.

The Beach Protection District reserves and revenue summary as of the date of this memo is as follows:

TJI Reserves:

Approximate Reserves (less est. expenses)	\$	21,700,000
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Revenue:

FEMA 75%*(Nicole)	\$	20,285,741
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State 12.5%* (FDEM Nicole)	\$	3,380,957
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State 12.5%* (SB4/Recovery Plan)	\$	3,380,957
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Total Funds Available	\$	48,747,655
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**-percentages based on original estimated cost provided to FEMA*

Because the bid price exceeds the estimated damages adopted for FEMA recovery funds, the level of outside funds obligated for Hurricane Nicole is insufficient to fully fund the cost of the project. As for previous FEMA projects where similar cost overruns occurred, the Town will request additional funds from FEMA and the State to cover the increased costs during reimbursement. While this is not guaranteed, the Town was successful in obtaining an additional \$1.2M from Hurricane Irma last fiscal year for cost overruns on the 2020 project.

The following provides a breakdown of the anticipated project funding sources.

Project Construction Cost	\$	28,565,000
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FEMA Funds - Hurricane Nicole (obligated)	\$	20,285,741
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State Funds – Nicole/Recovery Plan	\$	6,761,914
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Beach District Funds (Reserves)**	\$	1,517,345
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Total	\$	28,565,000
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***-staff will seek additional funds from FEMA/FDEM for cost overrun*

Recommendation:

Town staff recommends awarding a contract to Weeks Marine, Inc. for the bid amount of \$28,565,000.



MEMORANDUM

TO: TOWN OF JUPITER ISLAND, COMMISSION
THRU: ROBERT GARLO, TOWN MANAGER *RG*
FROM: MATTHEW PAZANSKI, FINANCE/HR DIRECTOR *MP*
DATE: JUNE 26, 2024
SUBJECT: FY 2024-2025 BEACH DISTRICT BUDGET UPDATE

Background

At the June 12, 2024, Town Commission Meeting, the Commission and staff reviewed the Beach Protection District Proposed Budget and approved a (maximum) ad valorem millage tax rate of .9593 mills for FY 2024-2025.

Two updates have occurred since that approval:

- the Beach Protection District received bids for the FY 2025 Beach Restoration Project, and
- the Town received the Preliminary Taxable Values from the property appraiser on June 21.

Discussion

The attached Beach Protection District budget has been updated, the amounts that were changed from the June 12, 2024 meeting are highlighted for your convenience and summarized below:

<u>Revenues:</u>	<u>June 12, 2024</u>	<u>July 16, 2024</u>	<u>Change</u>
Ad Valorem Taxes	\$ 3,377,103	\$ 3,380,769	\$ 3,666
Interest Income	\$ 0	\$ 200,000	\$ 200,000
Transfer from Designated Reserves	\$ 0	\$ 807,539	\$ 807,539
			<u>\$1,011,205</u>
<u>Expenditures:</u>			
Beach Renourishment Project	\$27,047,655	\$28,565,000	\$1,517,345
Transfer to Designated Reserves	\$ 506,140	\$ 0	\$ (506,140)
			<u>\$1,011,205</u>

Although the above updates increase the budget, staff continues to recommend setting the proposed (maximum) ad valorem millage tax rate for the Beach Protection District to be set at .9593 mills. This millage rate represents a 8.57% increase over the rolled back rate of .8836 and is the same millage rate as the current year's rate.

Recommendation

Review the FY 2024-2025 Beach Protection District Proposed Budget updates.

No further action is required if the .9593 mills remains as the proposed (maximum) ad valorem millage tax rate for FY 2024-2025.

Beach Protection District 2025 Proposed Budget July 16, 2024

2025 Beach Protection District Revenues

Account Description	Adopted Budget 2023-2024	Proposed Budget 2024-2025	Difference	% Change
Ad Valorem Taxes (Proposed .9593 Mills)	\$ 3,105,398	\$ 3,380,769	\$ 275,371	8.9%
FEMA Reimbursement	\$ 25,116,353	\$ 23,666,698	\$ (1,449,655)	-5.8%
State Grant-Beach Renourishment	\$ 145,224	\$ -	\$ (145,224)	-100.0%
State Disaster Relief	\$ 1,519,010	\$ 3,380,957	\$ 1,861,947	122.6%
Interest Income	\$ -	\$ 200,000	\$ 200,000	0.0%
County Cost Share	\$ -	\$ -	\$ -	0.0%
Transfer-Design for Beach Renourishment	\$ -	\$ 807,539	\$ 807,539	0.0%
Total Revenues	\$ 29,885,985	\$ 31,435,963	\$ 1,549,978	5.2%

2025 Beach Project Expenditures

Account Description	Adopted Budget 2023-2024	Proposed Budget 2024-2025	Difference	% Change
Prof Svcs-Eng Consultants	\$ 55,000	\$ 310,000	\$ 255,000	463.6%
Turtle Monitoring/Shorebird Monitoring	\$ -	\$ -	\$ -	0.0%
Reef Monitoring	\$ 200,000	\$ 175,000	\$ (25,000)	-12.5%
Beach Surveys	\$ 100,000	\$ 250,000	\$ 150,000	150.0%
Beach Maintenance	\$ 12,000	\$ -	\$ (12,000)	-100.0%
Dune Restoration	\$ -	\$ 400,000	\$ 400,000	0.0%
Beach Renourishment Project	\$ 25,520,352	\$ 28,565,000	\$ 3,044,648	0.0%
Beach Renourishment Project (MC Cost Share)	\$ -	\$ -	\$ -	0.0%
Debt Service	\$ -	\$ -	\$ -	0.0%
Transfer to Designated for Beach Renourishment	\$ -	\$ -	\$ -	0.0%
Transfer to Undesignated Reserves	\$ -	\$ -	\$ -	0.0%
Contingency	\$ 1,000,000	\$ 1,000,000	\$ -	0.0%
Total Beach Protection Project Expenditures	\$ 26,887,352	\$ 30,700,000	\$ 3,812,648	14.2%
Total Beach Protection District Expenditures	\$ 27,520,829	\$ 31,435,963	\$ 3,915,134	14.2%
Transfer to Reserves for Future Beach Projects	\$ 2,365,157	\$ (0)	\$ (2,365,157)	-100.0%
Total Reserves and Expenditures	\$ 29,885,985	\$ 31,435,963	\$ 1,549,978	5.2%

2025 Beach Protection District Operating Expenditures

Account Description	Adopted Budget 2023-2024	Proposed Budget 2024-2025	Difference	% Change
Salaries & Wages	\$ 242,025	\$ 321,000	\$ 78,975	32.6%
Auto Allowance	\$ 6,000	\$ 6,000	\$ -	0.0%
FICA	\$ 16,795	\$ 22,470	\$ 5,675	33.8%
Medicare	\$ 3,136	\$ 4,173	\$ 1,037	33.1%
Pension Contribution	\$ 25,463	\$ 37,000	\$ 11,538	45.3%
Health / Dental Insurance	\$ 39,621	\$ 43,583	\$ 3,962	10.0%
Cafeteria	\$ 1,825	\$ 1,825	\$ -	0.0%
Short-Term Disability	\$ 200	\$ 200	\$ -	0.0%
Long Term Disability/Life	\$ 1,850	\$ 1,850	\$ -	0.0%
Employee Assistance	\$ 100	\$ 100	\$ -	0.0%
Workers Comp	\$ 4,242	\$ 4,242	\$ -	0.0%
Personnel Cost	\$ 341,257	\$ 442,443	\$ 101,186	29.7%
Prof Svcs-Legal/General	\$ 25,000	\$ 25,000	\$ -	0.0%
Finance/ Accounting	\$ 7,500	\$ 7,500	\$ -	0.0%
Prof Svcs-Eng Consultants	\$ 100,000	\$ 100,000	\$ -	0.0%
Prof Svcs-Lobbying	\$ 25,000	\$ 25,000	\$ -	0.0%
Contracted Services - IT	\$ -	\$ -	\$ -	0.0%
Travel & Per Diem	\$ 3,000	\$ 3,000	\$ -	0.0%
Telephone	\$ 1,020	\$ 1,020	\$ -	0.0%
Equipment Maintenance	\$ 5,000	\$ 7,500	\$ 2,500	50.0%
Prof Svcs-Public Relations	\$ -	\$ -	\$ -	0.0%
Other Misc Chgs & Obligations	\$ 6,000	\$ 6,000	\$ -	0.0%
Bank Charges	\$ 500	\$ 500	\$ -	0.0%
Beach Cleaning	\$ 31,200	\$ 30,000	\$ (1,200)	-3.8%
Books, Pubs, Subs & Memberships	\$ 1,000	\$ 1,000	\$ -	0.0%
Personnel Training	\$ 3,000	\$ 3,000	\$ -	0.0%
Machinery & Equipment	\$ 9,000	\$ 9,000	\$ -	0.0%
Transfer to General Fund	\$ 75,000	\$ 75,000	\$ -	0.0%
Debt Service	\$ -	\$ -	\$ -	0.0%
Total General Government	\$ 292,220	\$ 293,520	\$ 1,300	0.4%



Beach Protection District



1.

Consent Agenda

Action: Motion to adopt the consent agenda, including submitted reports and meeting minutes of the June 2024 Beach Protection District.



2.

Beach Restoration Project Bid

- Two qualified contractors submitted bids on June 14th.
- Weeks Marine, Inc. was the low bidder at \$28,565,000 for placement of 1,200,000 cubic yards.
- The Town has secured sufficient funds to award the full amount of the contract.



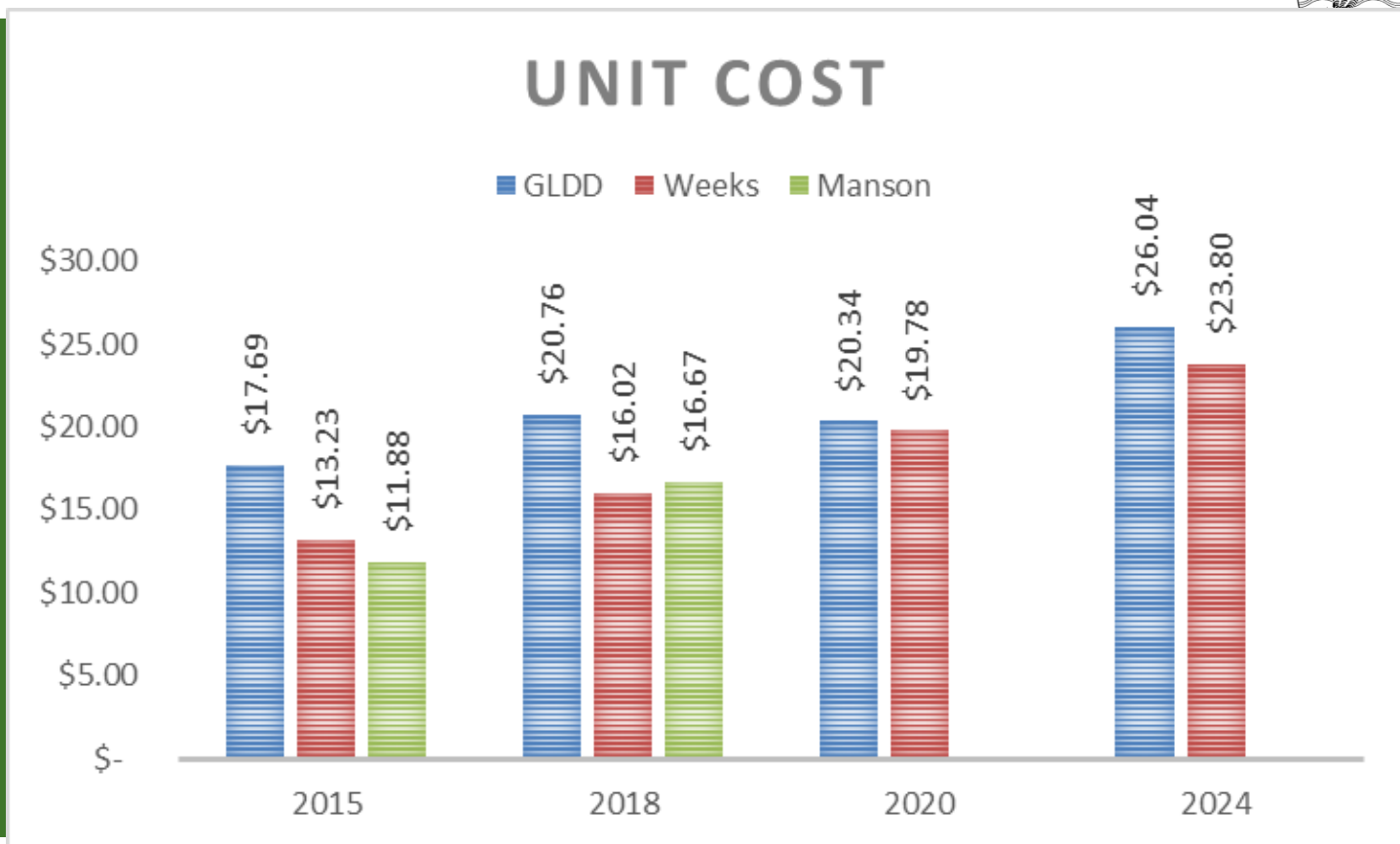
2.

Bid Summary

Bid Item#	Description	Great Lakes Dock & Dredge	Weeks Marine
1	Mobilization/Demobilization	\$ 7,960,000.00	\$ 6,750,000.00
2	General Conditions	\$ 225,000.00	\$ 150,000.00
3	Site Prep/Staging Area Restoration	\$ 22,000.00	\$ 50,000.00
4	Base Bid Required (1,200,000 cy)	\$ 22,860,000.00	\$ 21,300,000.00
5	Sea Turtle Trawling	\$ 144,000.00	\$ 165,000.00
6	Beach Tilling	\$ 35,000.00	\$ 150,000.00
TOTALS		\$ 31,246,000.00	\$ 28,565,000.00
	unit pricing	\$ 26.04	\$ 23.80

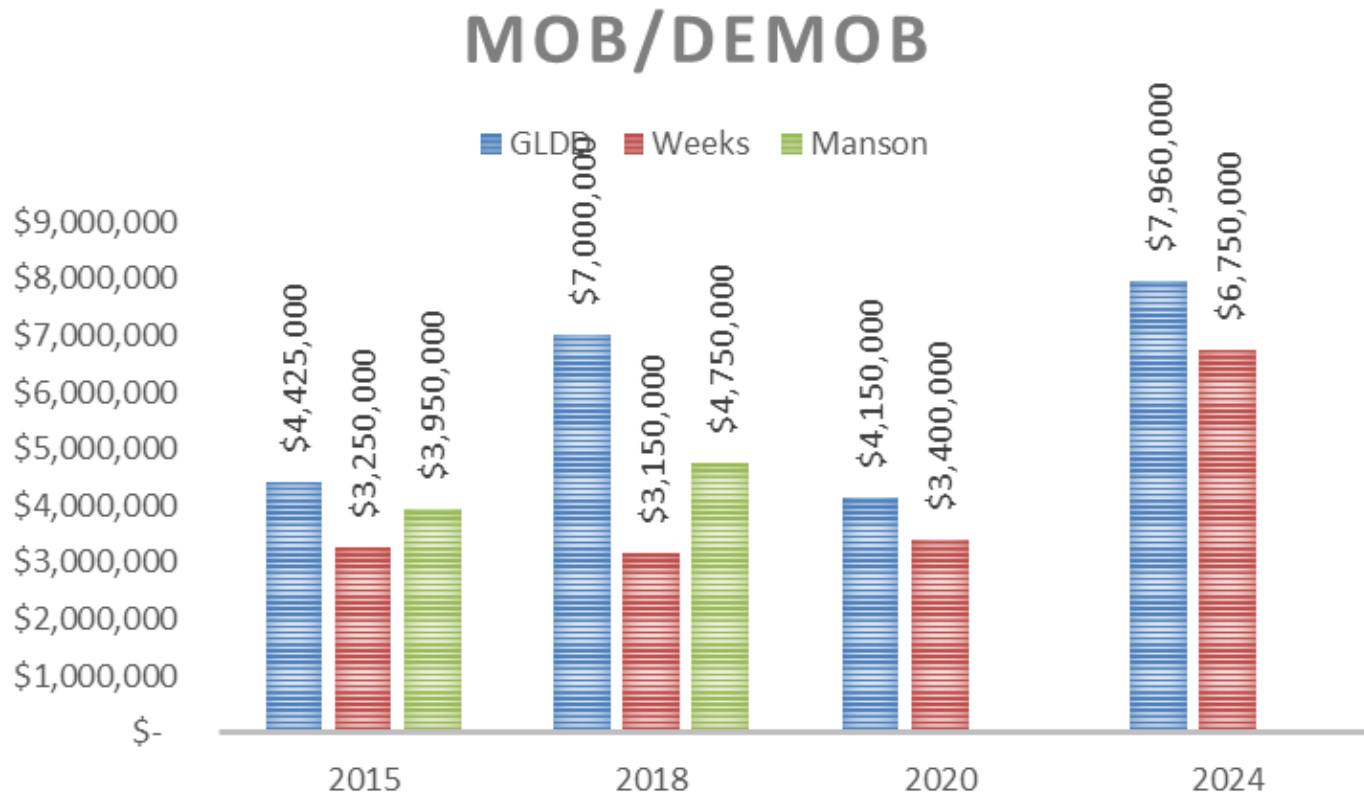
2.

Historical Pricing



2.

Historical Pricing





2.

Beach Restoration Project Bid

- Town staff is seeking approval to award the contract to Weeks Marine, Inc. for the bid amount, subject to meeting all insurance and submittal requirements of the Town.
- Pending review of insurance and contract submittals, Town staff will prepare and present a resolution in September authorizing the final contract agreement, a purchase order for the contract amount, and authorizations for contract amendments, if necessary.

3.

Beach Budget Update



2025 Beach Protection District Revenues

Account Description	Adopted Budget 2023-2024	Proposed Budget 2024-2025	Difference	% Change
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Beach Budget Update

2025 Beach Project Expenditures

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Beach Maintenance	\$ 12,000	\$ -	\$ (12,000)	-100.0%
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Total Reserves and Expenditures	\$ 29,885,985	\$ 31,435,963	\$ 1,549,978	5.2%



4.

Annual Physical Monitoring

- Gahagan & Bryant Associates will present the 2023 annual monitoring report in September.

5.

Beach Status Sea Turtle Nesting

Sea Turtle Nest Count (as of 7/13/24)

353 Leatherback nests
5,591 Loggerhead nests
546 Green Turtle nests

(photo courtesy of Kimberly Mohlenhoff)

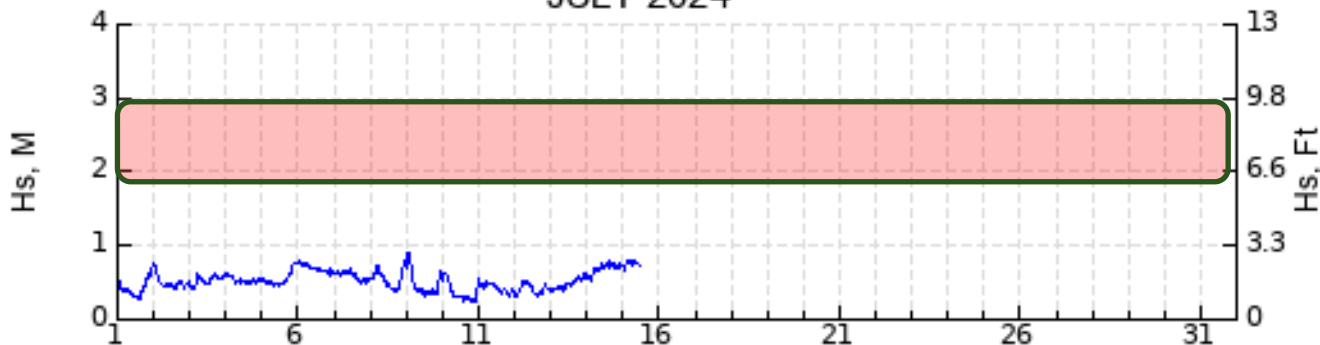


5.

Beach Status Wave Heights

134 FORT PIERCE, FL
(BUOY)

JULY 2024



JUNE 2024



5.

Beach Status

- No escarpments
- No active hotspots
- Potential hotspot areas:
 - 147 - 161 North Beach
 - 303 - 365 South Beach
 - 429 - 433 South Beach
- Beach conditions: Mostly stable conditions over the past month due to calm sea conditions.

July 2024 Erosion Hot Spot Areas

-  Persistent Hot Spot
-  Potential Hot Spot
-  2019 Project
-  2021 Project



July 2023



June 2024



July 2024



July 2023



June 2024



July 2024



July 2023



May 2024



June 2024



July 2024



July 2023



July 2024



July 2023



June 2024



July 2024



July 2023



June 2024



July 2024



May 2024

July 2024





613 S Beach Road

July 15, 2024



Photographs taken
near low tide. Page 47 of 74 35

6.

Other Items (HB7013)

- HB7013 will require the Beach Protection District, as a dependent special taxing district, establish and publish goals and objectives for the District, including performance measures, and to report on those annually.
- The first annual report is required to be published on the Town's website by December 1, 2025.
- Staff has provided additional information detailing the District's current goals and objectives and is seeking discussion and recommendations from the Commission on those.





Monthly Ground Photo Stations



161 N Beach Road

July 15, 2024



Photographs taken
near low tide. Page 50 of 74 ³⁸



141 N Beach Road

July 15, 2024



Photographs taken
near low tide. Page 51 of 74 39



133 N Beach Road

July 15, 2024



Photographs taken
near low tide. Page 52 of 74 40



71 N Beach Road

July 15, 2024



Photographs taken
near low tide. Page 53 of 74



45 N Beach Road

July 15, 2024



Photographs taken
near low tide. Page 54 of 74



Public Beach

July 15, 2024



Photographs taken
near low tide. Page 55 of 74



33 S Beach Road

July 15, 2024



Photographs taken
near low tide. Page 56 of 74



Beach Club

July 15, 2024



Photographs taken
near low tide. Page 57 of 74



149 S Beach Road

July 15, 2024



Photographs taken
near low tide. Page 58 of 74



167 S Beach Road

July 15, 2024



Photographs taken
near low tide. Page 59 of 74 47



185 S Beach Road

July 15, 2024



Photographs taken
near low tide. Page 60 of 74⁴⁸



203 S Beach Road

July 15, 2024



Photographs taken
near low tide. Page 61 of 74 49



223 S Beach Road

July 15, 2024



Photographs taken
near low tide. Page 62 of 74 ⁵⁰



251 S Beach Road

July 15, 2024



Photographs taken
near low tide. Page 63 of 74 ⁵¹



255 S Beach Road

July 15, 2024



Photographs taken
near low tide.



299 S Beach Road

July 15, 2024



Photographs taken
near low tide. Page 65 of 74 53



365 S Beach Road

July 15, 2024



Photographs taken
near low tide. Page 66 of 74 54



400 S Beach Road

July 15, 2024



Photographs taken
near low tide. Page 67 of 74 55



450 S Beach Road

July 15, 2024



Photographs taken
near low tide. Page 68 of 74 ⁵⁶

TOWN OF JUPITER ISLAND

MEMORANDUM

TO: Mayor & Town Commission

THROUGH: Robert Garlo, Town Manager

CC: Kimberly Kogos, Town Clerk

FROM: John Duchock, Asst. Town Manager/Beach District Director

RE: Other Items – Beach Protection District Goals and Objectives

DATE: 7/10/2024

Background:

In continuance of last month's discussion regarding the passage of House Bill No. 7013 (which requires the Beach Protection District to publish goals, objectives, and performance measures on the Town's website beginning December 1, 2025) staff is providing the attached comprehensive list of goals and objectives for the district.

Recommendation:

For discussion purposes only - no action is required.

Town of Jupiter Island – Beach Protection District
District Goals and Objectives (FY2024/25)
UPDATED: June 26, 2024

The following serves as the annual update of the strategic goals and objectives of the Beach Protection District to be implemented and periodically updated by the District Director. This document lists the goals and objectives of the Beach Protection District for **Fiscal Year 2025**. Where appropriate milestones and timelines are included to help with planning and tracking progress. The Beach Protection District program can be broken up into the following Program Elements, several of which are outside of the direct purview of the district but are included as key issues influencing the district's needs and necessary actions:

- 1) Beach Renourishment
- 2) District Funding
- 3) Other District Activities
- 4) St. Lucie Inlet

Goals and Objectives Table

Beach Renourishment Goal: Maintain healthy beaches to protect and enhance natural resources and to protect residents and property from erosion.		
Program Element	FY2024/25 Objectives	Milestone Action(s)/Date(s)
Permitting	Complete Federal permit application with concurrent State permit modification request.	Existing Federal permit expires 2025. Application submitted July 2023 RAI 1 submitted Sept 2023 RAI 2 submitted April 2024 SARBO survey to be completed (June) and submitted for Federal permit application Federal consultation period after SARBO survey (est. May 2025)
Engineering Design	Evaluate North Fill widener performance. Evaluate widener for South Fill between R-86 and R-100.	Consultant review of template volume changes since 2020 project for north fill performance (complete by January 2025) Implement south fill design change after permit modification and completion of FEMA recovery project (FY25)
Bird Monitoring	Continue bird monitoring surveys per modified permit requirements.	Continue shorebird monitoring year-round (twice per month).

Turtle Monitoring	Maintain part-time staff support for monitoring, reduce time required and improve data collection. Transition to new data collection hardware and software. Maintain adequate staffing. Maintain equipment/supplies.	Evaluate new data collection system for time savings and data quality improvements (2024 season). Continue training and coordination with FWC on database improvements (ongoing). Evaluate effectiveness of new data manager role for QA/QC per FWC request.
Physical Monitoring	Continue physical monitoring program and update island-wide sediment budget.	Engage consultant to run comparison of baseline survey results as part of island-wide sediment budget (ongoing year to year).
Biological Monitoring	Continue with biological monitoring plan adopted with FDEP permit. Evaluate new contractor award (APTIM multi-year monitoring). Complete SARBO survey (Pinnacle Ecological)	Advertise and select lowest qualified bidder in January 2023. Initiate monitoring in May/June 2023. SARBO survey to be completed by July 2024.
FEMA Recovery Beach Renourishment Construction	Initiate Construction of 1,200,000 cy recover project (low bid award to Weeks Marine in July 2024). Easements for sections with fill landward of ECL	Pre-construction notifications and submittal approval Summer 2024. Regulatory NTP request August/September 2024. Easement requests secured by November 2024. Mobilization and start construction November/ December 2024 (FY25). End construction May 1, 2025.
Dune Project Maintenance & Construction	Dune project in Blowing Rocks. Easements through PBC Owner easements	Restoration efforts as needed. Evaluate alternatives to Town-sponsored dune project (TBD following Vulnerability Assessment).
Sand Supply	Monitor Borrow Site B and inlet disposal area Evaluate adjacent areas for future offshore borrow site permitting and leasing from State/BOEM	Post-construction survey and volume update (summer 2025) Engage consultant for exploratory planning (summer 2026). Conduct geotechnical investigations and secure permits for new site (2027/2028)

District Funding		
Goal: Promote sound decision making through financial planning.		
Program Element	FY2024/25 Objectives	Milestone Action(s)/Date(s)
State LGFR Funds	Submit application for FY25/26 for construction costs, staff time for turtle monitoring and construction inspections, post-construction monitoring.	Application to be submitted August 1, 2024. Assessment due October 1, 2024. Rankings then legislative funding in March-April 2025.
State Beach Recovery Funds	Ian/Nicole Recovery Agreement execution and reimbursements.	New funding agreement to cover local share of recovery project (complete) Reimbursements for 2024/25 project (est. Feb-June 2025).
FEMA Engineered Beach	Hurricane Ian (4637) and Nicole (4680) obligations and reimbursements.	Obligations for Hurricanes Ian (DR4637) and Nicole (DR4680) for engineered beach (complete). Reimbursement for 2021 Dune restoration (complete). Reimbursements for 2024/25 project (est. Feb-June 2025). Request add'l funds due to cost overrun (actual cost greater than estimate)
Budgeting	Evaluate millage collection and 12-yr financial plan for rate adjustments Evaluate current FY25 budget and draft district budget for FY26	Evaluate prior FY budget and draft new FY(26) budget (May 2025) Update and expand 12-year financial plan for long range funding needs and millage/ reserves discussion (May 2025) Provide draft budget to finance (June 2025) Evaluate current FY budget for amendments (July 2025) Amend budget if needed (Sept 2025).
Other District Activities		
Goal: Plan for the future.		
Program Element	FY2024/25 Objectives	Milestone Action(s)/Date(s)
Sea Level Rise/Climate Change	Archive data and analyze water level changes for tidal and flooding components. Continue maintenance of Bridge Road tide gage.	Resilient Florida Program grant agreement (complete) Initiate town-wide vulnerability assessment through CCNA contract (complete)

Sea Level Rise/Climate Change (cont'd)	Conduct Town-wide vulnerability assessment using Resilient Florida grant funding.	Complete Town-wide vulnerability assessment (March 2026). Quarterly reporting for grant (consultant).
Residential Property Protection	Assist homeowners with rehabilitation or reconstruction of seawalls, etc. to protect property.	As needed.
Comprehensive Beach Management Plan	Continue developing a comprehensive beach management plan, building on existing FEMA beach maintenance plan.	Ongoing
12-Year Financial Budget	Update and approve the 12-yr financial budget	September 2025
Jupiter Island Sediment Budget	Establish a working inlet to inlet sediment budget for Jupiter Island.	Continue working with consultants to update sediment budget.
Beach Protection District Transparency	Maintain transparency through statutory requirement to post District information on Town's website.	Post beach district data (agent, budget, millage, revenue, etc.) this is ongoing. Post district goals, objectives, and performance metrics (new requirement due October 1, 2025).
Contracting	Coastal Eng. Services CCNA Beach & Dune Restoration Services Multi-year Beach Project Construction support Turbidity Monitoring	Coastal RFQ (summer 2025) Beach & Dune ITB (July 2024) Consultant work authorization for construction support (October 2024). Turbidity Monitoring ITB (July 2024)
St. Lucie Inlet Goal: Maintain positive regional stakeholder engagement on beach and inlet issues.		
Program Element	FY2024/25 Objectives	Milestone Action(s)/Date(s)
Inlet Sediment Budget Update	Review and comment on proposed sediment budget update prepared by MC. Coordinate with MC on updated surveys and natural bypassing effectiveness over hardbottom ridge.	Finalize new sediment budget by late 2023 (complete). Request updated surveys from MC for inlet system to be reviewed by Town consultants (summer 2024/2025)

Interlocal Agreement	Review agreement conditions/ methodology and evaluate new agreement following updated permit SC#2 (bypass start date Sept 2014).	Engage with County staff on new ILA draft (ongoing). Advance draft agreement to higher administrative level with legal review (Oct/Nov 2024).
Inlet Management Plan Update	Maintain bypass records. Update IMP based on new sediment budget.	Next IMP update anticipated in 2026.
Combined Project Agreement	Future project agreement must be made to remove remaining inlet sand from borrow site with additional cost of screening to be covered by Martin County.	Future shared project agreement addressing inlet bypass and inlet sand in Town borrow site to be discussed. Date TBD.
Annual Inlet Report	Review and offer comment to FDEP regarding report.	Offer comments after draft issued (May/June each year).