

**AGENDA
TOWN OF JUPITER ISLAND
BEACH PROTECTION DISTRICT MEETING
THURSDAY, MARCH 21, 2024
ISLAND ROOM – TOWN HALL – 2 BRIDGE ROAD
(IMMEDIATELY FOLLOWING THE TOWN COMMISSION REGULAR MEETING)**

1. Consent Agenda

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

- a. Minutes of the February 13, 2024, Beach Protection District Meeting
- b. Beach Cleanup Report

2. Future Beach District Contract Service Needs (RFP/ITB/RFQ)

3. Beach Project Update *

4. Beach Status*

5. 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 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
TUESDAY, FEBRUARY 13, 2024**

TIME: Tuesday, February 13, 2024 – 9:00 AM
PLACE: Town Hall Island Room – 2 Bridge Rd., Hobe Sound, FL
PRESENT: Present were Mayor Penny Townsend, Vice Mayor Marshall Field VI, and Commissioners Anne Scott, Patricia Warner and Joseph Taddeo. Also present were Town Manager Robert Garlo, Town Clerk Kimberly Kogos, Town Attorney Thomas Baird and IT Director Bill Sutton.

Mayor Townsend called the meeting to order at 3:10pm.

1. Consent Agenda

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

- a. Minutes of the January 9, 2024, Beach Protection District Meeting
- b. Beach Cleanup Report

Director Duchock asked for comments or questions regarding the consent agenda. As there was no discussion, Mayor Townsend called for a motion.

MOTION: *Vice Mayor Field/Commissioner Warner moved to approve the consent agenda as presented.*

ACTION: *Motion Approved 5-0.*

2. Beach Cleaning RFP

Director Duchock explained that Public Works conducts monthly beach cleaning activities along the Town's beaches between November and May each year. Monthly beach clean up reports reflect the collection and removal data. He explained that the service provided to the residents is of substantial value, although it is not without cost and challenges for town employees. He stated that in order to maintain the highest level of service for the primary function of Public Works, staff recommends soliciting bids from experienced and qualified beach cleaning service companies through a competitive bidding process. Based on the results of the Request for Proposals (RFP), the Commission may consider entering into a contract for beach cleaning services.

Commissioner Scott asked if the County used beach cleaning services. Director Duchock stated that he does not know of any but stated there are other municipalities that engage services.

Mayor Townsend asked about in-house costs. Director Duchock stated that the cost is approximately \$37,000/year.

Commissioner Scott suggested a cost share with the club, Blowing Rocks, or similar. Director Duchock explained that he has discussed with the club, and Blowing Rocks engages a volunteer effort.

MOTION: *Commissioner Scott/Commissioner Taddeo moved to authorize staff to solicit for beach cleaning services.*

ACTION: *Motion 5-0*

3. Beach Status*

Director Duchock provided information regarding the current condition of the beaches. He explained that there are no active hot spots, although there is a steeper and rolling beach face and variable escarpments.

He explained that high seas and runup into pioneering and frontal dunes areas. He explained that there has been minor to moderate erosion over the last 30 days.

Director Duchock provided photographs of the current beach conditions. He also provided aerial photos of severe erosion involving a few homes in Jupiter Inlet Colony.

4. Other Items*

No other items were discussed.

The meeting adjourned at 3:30pm.

Respectfully Submitted,

Kimberly Kogos, Town Clerk



TOWN OF JUPITER ISLAND

Public Works Department

12921 S.E. Suzanne Dr.

Post Office Box 7

Hobe Sound, FL

33475-0007

Town of Jupiter Island Public Works Department

Beach Cleanup, February 2024

The Public Works Department completed the fifth beach cleanup for the 2023-2024 season in February. Areas covered spanned from the Fish and Wildlife parking lot to the Parking Lot in the north to Blowing Rocks Preserve in the south. Approximately 8.8 miles of beach are covered during each cleanup, collecting all manmade material larger than a penny. Debris is then transported by small trucks to Coastal Recycling Drive for disposal. Work is performed by the Public Works Department.

During this cleanup, crews found moderate debris accumulation concentrated within or close to the rack line throughout the beach. Debris totaled approximately 1700 lbs. and consisted primarily of floating debris and light, blown items that had become entangled within the seaweed, both surf and wind were found to be moderate. The presence of a wrecked sailboat created a widespread debris field in the vicinity of the 200 block as the vessel was broken up by wave action. This cleanup required collection of various provisions and materials associated with this wreck. Additionally, 700 lbs. of lumber/wood and miscellaneous other manmade materials were found and disposed of. Four seabirds were found and buried, and one syringe was encountered during the cleanup and reported to Public Safety for collection. One boat motor was also removed from the beach.

Four men utilizing ATVs and on foot covered all areas over three days. Particular attention was paid to collecting hazardous debris during the cleanup to ensure a safe experience for our seasonal residents and families. Extra care was taken to ensure that any broken glass or sharp objects were collected and the surrounding sand carefully inspected for any remaining sharps. Public Works conducted this work in a professional and careful manner, using existing points of access, with little impact to the beach and dune areas.

Month	Man-hours	Debris Volume (lbs.)
October 2023	144 Man-hours	2,150 lbs.
November 2023	60 Man-hours	1,550 lbs.
December 2023	96 Man-hours	1,800 lbs.
January 20204	45 Man-hours	1,800 lbs.
February 20204	66 Man-hours	1,700 lbs.
Total	411 Man-hours	9,000 lbs.

TOWN OF JUPITER ISLAND

MEMORANDUM

TO: Mayor & Town Commission

THROUGH: Robert Garlo, Town Manager *RUG*

CC: Kimberly Kogos, Town Clerk

FROM: John Duchock, Assistant Town Manager/Beach District Director

RE: Agenda Item No. 2 - Future Contract Service Needs

DATE: 3/12/2024

Background:

The following is a list and brief description of the contracting needs anticipated for the Beach Protection District through the end of the fiscal year and leading into the next beach nourishment project, scheduled to begin on or just after November 1, 2024.

Service(s) Solicited	Anticipated Award Date	Estimated Cost Range
Beach Cleaning (multi-year)	April 2024	\$100k-\$150k/yr
Biological Monitoring (multi-year)	April 2024	\$150k-\$200k/yr
Beach Restoration Construction	May 2024	\$26M-\$27M
Construction Turbidity Monitoring	July 2024	\$50k-\$100k

Beach Cleaning – An Invitation to Bid has been advertised for bi-monthly beach cleaning. This is intended to increase the frequency of beach cleaning events currently being conducted monthly by the Public Works Department between November and May. The current cost to the Town for conducting the work in house through Public Works staff and contract labor is estimated to be roughly \$50,000 per year. The estimate for outsourcing the work and increasing the frequency to two per month is \$100,000 to \$150,000 per year.

Biological Monitoring – The Town awarded a multi-year contract for permit-required monitoring of the nearshore hardbottom along the Town’s nourished beach. The contract cannot be extended further and an Invitation to Bid will be advertised in the near future so that the work may begin this summer. The average cost per year is anticipated to be between \$150,000 and \$200,000.

Beach Restoration Construction – The Town will be seeking bids for construction of the 2024/2025 beach restoration project, utilizing Federal and State funds from FEMA and FDEP/FDEM. Draft plans and specifications are being finalized and it is expected that the solicitation will be advertised in April with a recommendation for contract award presented in May 2024. The current construction cost estimate (based on the engineering estimate approved by FEMA) is \$26.3 million for roughly 1.2 million cubic yards of sand to be placed along the Town's shoreline.

Construction Turbidity Monitoring – As required by permit, the Town must conduct turbidity monitoring during construction of the beach restoration project. This is accomplished by contracting an independent third party who measures and reports on turbidity per the required permit conditions. An invitation to bid for this service will be advertised following award of the beach restoration construction contract and it is anticipated that a contract would be awarded in July. The cost for turbidity monitoring during the 2021 project was just over \$50,000 for a 663,000 cubic yard project. The estimated cost range for monitoring of the 2024/2025 project will be between \$50,000 and \$100,000.

Recommendation:

For information purposes only. Recommendations for award of any contracts in excess of \$35,000 will be brought before the Town Commission for approval.