



NOTICE OF REGULAR MEETING
Park Board of Trustees of the City of Galveston
Beach Maintenance Advisory Committee
Friday, February 3, 2023, at 9:00 a.m.
Park Board Plaza Board Room - 1st Floor
601 Tremont
Galveston, Texas 77550

- I. Call Meeting To Order
- II. Pledge Of Allegiance
- III. Roll Call And Declaration Of A Quorum
- IV. Conflict Of Interest Declarations
- V. Requests To Address The Committee
The public shall be allowed to provide comment to the committee regarding one or more agenda or non-agenda items. All requests to address the committee must be submitted in writing and can be presented to the committee reporter the day of the meeting or by completing the Public Comment Form available on the Park Board of Trustees website at the following link prior to the start of the meeting:
[HTTPS://WWW.GALVESTONPARKBOARD.ORG/FORMS.ASPX?FID=65.](https://www.galvestonparkboard.org/forms.aspx?fid=65)
- VI. Discuss And Consider Approval Of Meeting Minutes

Documents:

[1_6_2023 - BMAC MINUTES.PDF](#)
- VII. Recognition Of 'A Friend Of Galveston Beaches'

Documents:

[OVERVIEW RECOGNITION OF A FRIEND OF GALVESTON BEACHES.PDF.PDF](#)
- VIII. Presentation On The Gulf Center For Sea Turtle Research (Dr. Chris Marshall, 30 Minutes)

Documents:

[OVERVIEW PRESENTATION ON THE GULF CENTER FOR SEA TURTLE RESEARCH.PDF](#)
- IX. Review Of Environmental Coordinator Projects For 2023 (Elizabeth Schneider, 20 Minutes)

Documents:

[OVERVIEW REVIEW OF ENVIRONMENTAL COORDINATOR PROJECTS FOR 2023.PDF](#)

- X. Update On Dellanera Beach Nourishment Costs And Activities (Sheryl Rozier, 10 Minutes)

Documents:

[2023-02-03 BMAC OV DELLANERA BEACH NOURISHMENT UPDATE.PDF](#)

- XI. Review Of Seaweed Emergency Relocation Program (Elizabeth Schneider, 10 Minutes)

Documents:

[OVERVIEW REVIEW OF THE SEAWEED EMERGENCY RELOCATION PROGRAM.PDF](#)

- XII. 2022-2023 Committee Work Plan

Documents:

[BMAC FY22.23 WORKPLAN.PDF](#)

- XIII. Future Agenda Items

- XIV. Announcements

- XV. Adjournment

I certify that the above Notice of Meeting was posted in a place convenient to the public, in accordance with Chapter 551 of the Texas government Code, on or before Friday, January 27, 2023, 5:00 p.m.

Approved

Jason Worthen, Chair, BMAC

Approved

Marty Fluke, Chair, Park Board of Trustees

Approved as to Format

Kelly de Schaun, Chief Executive Officer

Please Note Members of the City Council may be attending and participating in the discussion.

In accordance with the provisions of the Americans with Disabilities Act (ADA), persons in need of a special accommodation to participate in this proceeding shall, within three (3) days prior to any proceeding, contact the Park Board Administration

Office, 601 Tremont, Galveston Texas 77550 (409-797-5147)



**Park Board of Trustees of the City of Galveston
Beach Maintenance Advisory Committee**

1/6/2023 - Minutes

I. Call Meeting To Order

The meeting was called to order at 9:02 am.

II. Pledge Of Allegiance

The Pledge of Allegiance was recited.

III. Roll Call And Declaration Of A Quorum

Roll was called and a quorum was declared.

Members Present: Jason Worthen, Kimberly Gaido, Craig Vance, John Machol, Hal Needham, Jen Johnson, Willis Ghandi, Virgie Greb, Bob Bullwinkel, Karla Klay, Sharon Tirpak, and Kyle Clark.

IV. Conflict Of Interest Declarations

There were no conflicts of interest declared.

V. Requests To Address The Committee

There were no requests to address the committee.

VI. Discuss And Consider Approval Of Meeting Minutes

Motion: John Machol motioned to approve the Meeting Minutes from October 7th, 2022, BMAC meeting.

Second: Craig Vance seconded.

Vote: Approved (12 - 0)

VII. Recognition Of 'A Friend Of Galveston Beaches'

Mr. Gregg Hurt and his Clean Beach Team Six were honored as the first honorees of the 'Friend of Galveston Beaches' recognition. The group, based out of the Isla Del Sol community, was recognized for their hard work and contribution to keeping Galveston Island's beaches clean. Mr. Hurt's group is 27 members strong and began in the summer of 2021 with the assistance of the Park Board.

VIII. Presentation On City Of Galveston Beach Survey (APTIM Representative, 20 Minutes)

Mr. Cris Weber and Michael Lowiec with Aptim presented on the 2022 annual Galveston Beach Survey. The representatives from Aptim gave an in-depth review of how the surveys are conducted and what is analyzed to spot differences when comparing the annual beachfront surveys year to year. The annual beachfront survey scope of work includes conducting a Depth of Closure, Wading Depth Surveys, and a Proof of Methodology Study with drone technology. The Wading Depth Surveys take place along the entire length of Galveston Island, excluding

Galveston Island State Park and Jamaica Beach. The Depth of Closure surveys are conducted on the three engineered beaches only (Historic Seawall, Babe's Beach and Dellanera beachfront).

IX. Presentation On World Ocean Day Preparation From Artist Boat (Kelsey Malan, 15 Minutes)

Kelsey Malan, Outreach and Marketing Coordinator for local non-profit Artist Boat, presented on the World Ocean Day Festival planning for 2023. Ms. Malan first provided statistics pertaining to the festival in 2022, and the success of the event. There were 18 exhibitors, 5 vendors, and multiple entertainers with different activities marking it as the biggest World Ocean Day Festival.

Ms. Malan then briefed the group on how Artist Boat plans to enhance the festival this year by making the event a series of events throughout a few days, adding a food truck with sustainable seafood tacos, adding additional signage, and additional activities. The festival will be held on June 10th, 2023, at East Beach Park.

X. Presentation On The Tropical Weather Recap For 2022 (Dr. Hal Needham, 20 Minutes)

Dr. Hal Needham, Climate Data and Natural Hazards Scientist, presented a recap of the 2022 tropical weather season for BMAC members. Dr. Needham noted that we saw fewer named storms in 2022 than we have in the last few years. He also noted how a storm is communicated from professionals can determine how well people prepare for the storm, based on wording and perceived danger. Dr. Needham indicated we will be in El Nino during Galveston Tropical storm season for 2023, which is an indication of less storms throughout the season.

XI. Update On Washed Ashore Exhibit Around The Island (Kimberly Danesi, 20 Minutes)

Mrs. Kimberly Danesi provided BMAC members with engagement updates on the Washed Ashore sculptures placed around town as part of an activation for locals and visitors. There are 20 marine debris sculptures spread across the island, and Visit Galveston and the CVB have garnered ways to track engagement with the sculptures through the Visit Galveston app, webpage, and social media accounts.

XII. 2022-2023 Committee Work Plan

The committee is on track with the 2022 - 2023 Committee Work Plan.

XIII. Future Agenda Items

- Update on Dellanera RV Park Nourishment
- Review of Environmental Coordinator projects for 2023
- Program review of the Seaweed Emergency Relocation Program

XIV. Announcements

Sheryl Rozier provided an update on the Dellanera RV Nourishment Project, letting the group know the project is well underway and to expect more updates at the next meeting.

XV. Adjournment

The meeting adjourned at 10:44 am.



Agenda Item: Recognition Of A ‘Friend Of Galveston Beaches’

Background: The Beach Maintenance Advisory Committee Chair leadership team brought forth the concept of recognizing Galveston citizens who are positively impacting the environment of Galveston Island. Moving forward, staff will bring forth a ‘Friend of Galveston Beaches’ to recognize at BMAC meetings.

Mr. Gene Zimmerman is our second honoree to be recognized as a ‘Friend of Galveston Beaches’. Mr. Zimmerman was the first Ambassador of the Park Board’s Galveston Beach Ambassador Program. He joined the program in October of 2022 and has been leaving the beach a cleaner place any chance he can get.

Staff Recommendation: n/a

Funding Source (if applicable): n/a



Agenda Item: Presentation on the Gulf Center for Sea Turtle Research (Dr. Christopher Marshall, 30 Minutes)

Background: The Gulf Center for Sea Turtle Research was created to address the data gaps and research needs to conserve sea turtles in Texas, the western Gulf, and throughout the Gulf of Mexico through a partnership with Texas A&M University, the National Park Service, Texas Parks and Wildlife, and the U.S. Fish and Wildlife Service.

The Gulf Center for Sea Turtle Research responds to the reports of sea turtles and their nests on the beaches of Galveston Island. From there, volunteers and employees will take the turtle to be rehabbed if necessary and take all eggs from the nest to Texas Seaside Center in Corpus Christi, ensuring a higher rate of survival.

Dr. Christopher Marshall with the Gulf Center for Sea Turtle Research will present on the nesting sea turtle research the Center has been working on.

Staff Recommendation: N/A



Agenda Item: Review of Environmental Coordinator Projects for 2023 (Elizabeth Schneider, 20 Minutes)

Background: In 2020 and 2021 Galveston beaches experienced a surge in visitation as outdoor recreation close to home became more appealing during the pandemic. With this increase in visitation, came an influx of solid waste on our beaches. A subcommittee was formed to discuss initiatives around combating solid waste and increasing recycling and stewardship programming.

Dubbed the “Let’s Talk Trash Roundtable Series”, volunteers strategized approaches over four facilitated sessions. Various programmatic approaches were identified and evaluated, and the committee ultimately landed on the following three priorities to address solid waste on Galveston beaches:

1. Standardize equipment, receptacles and collections across the parks and beachfront
2. Implement a Business Pledge Program that rewards committed local businesses with marketing opportunities
3. Create programs to instill stewardship among locals

Elizabeth Schneider was hired on as Environmental Coordinator in January of 2022 and tasked with building out the identified priorities. Mrs. Schneider will review the plan for 2023 programs and projects with the Committee.

Staff Recommendation: n/a

Funding Source (if applicable): n/a



Agenda Item: Update on Dellanera Beach Nourishment Costs and Activities

Background:

The stretch of beach for this project will encompass the area from the western end of the Galveston Seawall to the western property line of Dellanera RV Park. The project will span over 2,100 linear feet placing 118,668 cubic yards of beach quality material. This nourishment is necessary due to the damage sustained to the beach from Hurricane Harvey in 2017 and is a beach project with no dune work.

The project is being carried out through a FEMA claim in conjunction with the Texas General Land Office (GLO) Coastal Erosion Planning & Response Act (CEPRA). HDR Engineering, Inc. is the engineer of record for the project.

After the final set of plans and specifications were produced, HDR provided an opinion of probable construction cost. Their estimates ranged between \$5 and \$8 million dollars for construction of a truck haul job. This is in addition to the fees for their services, which are also funded through FEMA & CEPRA. This brought the possible project totals to approximately \$8,378,000. The FEMA project worksheet was valued at \$4,680,797.02.

A construction contract was awarded in October 2022 to Apollo Environmental Strategies, Inc. They are performing the work through a truck haul job with material from Texas International Terminals. Their contract is valued at approximately \$6.4 million dollars.

After the final bids came in for actual construction costs Park Board staff engaged with FEMA through the Texas Division of Emergency Management (TDEM) to make them aware of the funding shortfall in the obligated project worksheet. A request has been made for the cost overrun for the total project costs in the amount of \$6.8 million dollars. The reasoning conveyed was that the estimated cost to complete this project's scope of work greatly exceeds the obligated amount due to increased material, labor, surveying, and other associated costs relating to the coastal work. This request has been supported by TDEM and all necessary documentation has been presented to FEMA Region 6 for review. The FEMA Consolidated Resources Center is currently reviewing the cost change request for completeness. Upon their acceptance they will write an amendment to the project worksheet to increase the cost of the project. This is important because otherwise this activity would happen at close out and would hold up approximately \$2 million in reimbursements until the entire project is closed.

The project should be substantially complete by the end of February 2023. Upon completion, this beach nourishment will provide a better beach experience, increased land for wildlife & recreation and greater protection for the island.

Staff Recommendation:

There are no recommendations.

Funding Source (if applicable):

This project is being funded through FEMA (90%) and CEPRA (10%) and can be found in the Park Board Nourished Beach budget. The Park Board has an amended contract with CEPRA for the increase of project costs for their 10% share in the project.



Agenda Item: Review Of The Seaweed Emergency Relocation Program (Elizabeth Schneider, 10 Minutes)

Background: In March of 2017, the Park Board was awarded a US Corps of Army Engineers permit to operate heavy equipment in federal waters for the purpose of removing seaweed.

In June of 2019, the Park Board of Trustees voted to create an HOA/POA Seaweed Emergency Relocation Program as a stopgap to provide emergency seaweed relocation services in the event of an emergency inundation that could have lasting impacts on the Island's tourism economy.

In recognition that the Park Board is the only local entity with the authority to relocate seaweed along Galveston Island, the Park Board of Trustees has approved a program to work directly with communities that will undertake emergency seaweed relocation services. Home and Property Owner Associations (HOA/POA) are required to register annually and pay a retainer fee that corresponds with the linear footage of the beachfront property (\$5,000 to \$10,000). A \$250.00 administrative setup fee is deducted from the initial deposit. The Park Board refunds all remaining retainer fees at the end of the year.

On February 22, 2022, the Park Board of Trustees discussed the renewal of the Seaweed Permit as it relates specifically to the continued inclusion of non-Park Board managed properties as well as the continuation of the HOA/POA Seaweed Emergency Relocation Program. The Board requested at that meeting that the discussion be taken before the Beach Maintenance Advisory Committee (BMAC), and that they provide a recommendation to the Board on how best to proceed. The Board met on March 22, 2022, and with the recommendation of BMAC members, the Trustees voted unanimously to approve expanding the geographic limitations of the federal seaweed relocation permit to include those areas included in our current permit.

With the continuation of the program, the Seaweed Emergency Relocation Program application opened on Feb. 1st, 2023. Communication of registration will be sent to points of contact for the HOA/POA's monthly, reminding them of the annual registration and deadlines. The Park Board has implemented a deadline of May 1, 2023 for HOA/POA's to register and submit their retainer fee.

Any HOA/POA that chooses not to register before the May 1st, 2023, will have the option to apply in 2024.

Staff Recommendation: n/a

Funding Source (if applicable): n/a

Beach Maintenance Advisory Committee 2022-2023 Work Plan

Quarter 1		
<i>October</i>	<i>November</i>	<i>December</i>
Status of Federal Seaweed Permit Renewal	<i>No Meeting</i>	<i>No Meeting</i>
Tropical Weather Recap		
Update on Beach Projects		
Recap on Env. Coor Projects		

Quarter 2		
<i>January</i>	<i>February</i>	<i>March</i>
Tropical Weather Recap for 2022	Seaweed Emergency Relocation Program Review	Review Capital Improvement Plan
COG Annual Survey		Sargassum Forecast
World Ocean's Day Planning	Environmental Coor. Projects for 2023	World Ocean's Day Update
Update on Washed Ashore	Dellanera Nourishment Update	Blue Flag Update

Quarter 3		
<i>April</i>	<i>May</i>	<i>June</i>
Update Seaweed Emergency Relocation Program Enrollments	Sargassum & Tropical Weather Forecast	<i>No Meeting</i>
	Update on Beach Projects	
Update on Federal Permits	World Ocean's Day Update	
World Ocean's Day Update	Discuss 23.24 Workplan	

Quarter 4		
<i>July</i>	<i>August</i>	<i>September</i>
<i>No Meeting</i>	Approve 23.24 Workplan	<i>No Meeting</i>
	Draft Budget for NB and BC	
	Update on Federal Permits	
	Tropical Weather Forecast & Sargassum Recap	