



NOTICE OF REGULAR MEETING
Park Board of Trustees of the City of Galveston
Beach Maintenance Advisory Committee
Friday, January 19, 2018 at 8:30 a.m.
Park Board Plaza, Board Room - First Floor
601 Tremont Street, 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 address the Committee regarding one or more agenda or non-agenda items. All requests to address the Board must be submitted in writing to the Board Reporter the day of the Board meeting. Each person shall be limited to three (3) minutes regardless of the number of items addressed.
- VI. Discuss And Consider Approval Of Meeting Minutes

Documents:

[MINUTES BMAC MEETING 11-13-2017.PDF](#)
- VII. Report On Change Of County Pocket Parks 1 And 2 (Reuben Trevino, 5 Minutes)
- VIII. Update And Discussion On The Sand Study Undertaken With The General Land Office And Atkins (Rhonda Gregg-Hirsch, 30 Minutes)

Documents:

[EX SUMMARY SAND SOURCE.PDF](#)
- IX. Presentation On Seawall Parking Program To Date And Forecast (Chris Saddler, 15 Minutes)
- X. Discussion On Efforts To Develop Key Performance Indicators For Beach Management Utilizing Report Card Format, With A Focus On Data Collection Relative To Beach Maintenance Costs (Reuben Trevino, 15 Minutes)
- XI. Recap Of Texas American Shore And Beach Preservation Association Chapter Luncheon (Jerry Mohn, 5 Minutes)
- XII. Update On The 2018 National American Shore And Beach Preservation Association Coastal

Conference (Reuben Trevino, 5 Minutes)

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 January 12, 2018 before 5:00 p.m.

Approved

Via Email

Dr. Victor Viser

Chair, BMAC

Via Email

Joyce Calver McLean

Chair, Park Board of Trustees

Approved as to Format

Verbal

Kelly de Schaun

Park Board Executive Director

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
601 Tremont Street, Galveston, Texas 77550

11/13/2017 - Minutes

I. Call Meeting To Order

The meeting was called to order at 8:31 a.m.

II. Pledge Of Allegiance

The pledge was recited by those present.

III. Roll Call And Declaration Of A Quorum

Roll was called and a quorum declared.

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: Clyde Steddum motioned to approve the meeting minutes for the September 22, 2017 and October 22, 2017 meetings.

Second: Victor Viser seconded.

Vote: Approved (9-0)

VII. Discuss And Update On The Dredge Ownership Feasibility Study Undertaken With The GLO And Moffat & Nichol (R. Devlin, 20 Mins)

Ray Devlin gave a presentation on the feasibility study being done between the Park Board and the Texas General Land Office.

VIII. Discuss And Consider Approving The Galveston Park Boards 2017-18 Funding Requests To City Of Galveston IDC (R. Trevino, 10 Min)

Motion: Marie Robb motioned to approved the 2017-2018 funding requests for the City of Galveston Industrial Development Corporation.

Second: Rhonda Gregg seconded.

Vote: Approved (9-0)

IX. Discuss And Review The Upcoming 2019 Beneficial Use Of Dredge Material (BUDM) Tentative Schedule (R. Trevino, 10 Min)

Reuben Trevino reviewed the 2019 projected Beneficial Use of Dredged Material schedule.

X. Presentation On The Coastal Processes That Go On After A Re-Nourishment Project Takes Place (R. Trevino, 15 Min)

Reuben Trevino gave a presentation on the process after a beach re-nourishment project.

XI. Overview Of Galveston Island's Efforts To Reach A Sustainable Beach Re-Nourishment Program (R. Trevino, 15 Min)

Reuben Trevino gave an overview on what is being done to create a sustainable beach re-nourishment program for Galveston.

XII. Discuss And Consider Changing Meeting Date For December (R. Trevino, 5 Min)

Motion: Jerry Mohn motioned to cancel the December committee meeting unless there is an emergency requiring one.

Second: Marie Robb seconded.

Vote: Approved (9-0)

XIII. Future Agenda Items

- Land Acquisition Program
- Paid Parking on the Seawall

XIV. Announcements

Reuben Trevino was appointed to the Executive Committee of the American Shore and Beach Preservation Association.

XV. Adjournment

The meeting was adjourned at 10:14 a.m.

Executive Summary

The objective of this project is to identify additional sources of sand that can be used to maintain critical infrastructure operated by the Galveston Park Board. A systematic process was followed that considered sites that had been previously used as borrow areas, and new sites.

The identification of new sites began with the use of the USDA Soil Survey of Galveston County, Texas (1980), to identify areas of the island with good sand potential. These broad areas were winnowed down by considering their geographic location on Galveston island, and constraints related to environmental, ownership, pipelines and utility easement considerations. Initially, 24 upland sites were identified along with 5 submerged sites. At the end of the constraints analysis, 9 sites remained. These were subjected to a more in-depth review where specific environmental, cultural resource and geotechnical data were analyzed. The analysis included boring logs and a comparison of grain size data with samples of sand from Galveston beaches.

At the end of the process, there appeared to be seven viable sand source sites across Galveston Island. The upland sites are:

- Sullivan Land & Cattle Co., LLC,
- Sunbird/Sunset Cove Subdivision,
- Pepper Cove at Terramar Beach Subdivision, and
- Stavanger.

All have beach quality sand with the amount ranging from 36,300 to 1 million cubic yards, depending on the land development plan that would make sand available.

The three submerged sites are located near the shoreline west of the Pelican Island Causeway:

- West Gulf Marine,
- Texas International Terminals, Ltd., and
- Galveston County Tax and Appraisal District Property ID 293637.

Each site showed the potential of being a viable sand source, although the median grain size for these submerged sites is somewhat smaller than found on Galveston beaches. Based on that, these submerged sites may be considered as a secondary option. In addition, the submerged sites would require considerably more engineering and regulatory work to develop viable and cost-effective mining plans than would the upland sites.