

# **Appendix M-2**

# **Public Involvement Supporting Documents**

- 2020 Virtual Meeting Summary
- 2020 Public Review Period Notification
- 2020 Agency Notice of Availability

for

Coastal Texas Protection and Restoration Feasibility Study

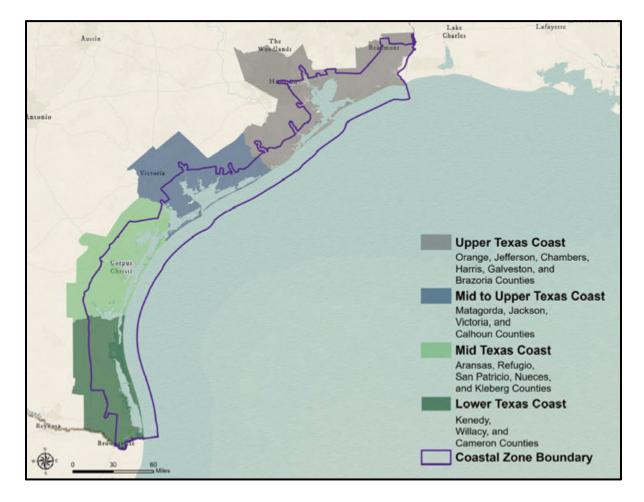
August 2021

# **2020 Public Review Period**

# **Public Meeting Summary**



# **Virtual Public Meeting Summary Report**



# Coastal Texas Protection and Restoration Feasibility Study



US Army Corps of Engineers ® Galveston District



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# **1**. Introduction

A series of six virtual public meetings, hosted by the U.S. Army Corps of Engineers (Corps), Galveston District, and the Texas General Land Office (GLO), for the Coastal Texas Protection and Restoration Feasibility Study (Coastal Texas Study) were held via Cisco WebEx Events in November and December 2020 on the following dates and times:

- Monday, November 16, 2020, 11 a.m. 1 p.m.
- Monday, November 16, 2020, 6 8 p.m.
- Thursday, December 3, 2020, 11 a.m. 1 p.m.
- Thursday, December 3, 2020, 6 8 p.m.
- Tuesday, December 8, 2020, 11 a.m. 1 p.m.
- Tuesday, December 8, 2020, 6 8 p.m.

The purpose of these virtual public meetings was to provide the public with information about the Coastal Texas Study and to receive public input and comment on the second Draft Feasibility Report and second Draft Environmental Impact Statement (second draft proposal). These documents were released for a 45-day public review and comment period beginning on October 30, 2020.

To provide the public with additional time to review and comment on the second draft proposal, the Corps and GLO extended the public review and comment period by an additional 30 days. As a result of this extension, the comment period deadline was moved from December 14, 2020, to January 13, 2021.

## 1.1. Study Background

The Coastal Texas Study was initiated in 2014 to evaluate large-scale coastal storm risk management and ecosystem restoration actions aimed at providing coastal Texas communities with multiple lines of defense from a wide array of coastal hazards. This study falls under the Corps' Civil Works Mission, which includes, but is not limited to, inland and coastal flood risk management, and the restoration, protection, and management of aquatic ecosystems.

The study area consists of the entire Texas Gulf Coast from the mouth of the Sabine River to the mouth of the Rio Grande, and includes the Gulf and tidal waters, barrier islands, estuaries, coastal wetlands, rivers and streams, and adjacent areas that together makeup what we refer to as the Texas coast.

In November 2015, the Corps entered into an agreement to officially designate the GLO as the non-Federal sponsor and began development of a Feasibility Study and Environmental Impact Statement. The Coastal Texas Study team (study team) was officially formed, comprising of the Corps and GLO.

In fall 2018, the study team released the first Draft Feasibility Report and Draft Environmental Impact Statement (draft proposal). Based on the input received during the public review and comment period in late 2018 and into early 2019, the study team began revising the draft proposal to integrate public comments and feedback. As the second draft proposal was formulated, the study team continued to seek further public input through the establishment of four Community Working Groups led by the GLO, as well as a number of targeted stakeholder meetings. In addition, three public open houses were held in February 2020 across the upper Texas coast to help inform the public.



Multiple Lines of Defense Strategy.

The study team will continue to review and address the input received from the public and resource agencies to produce the Final Feasibility Report and Environmental Impact Statement (Recommended Plan), which is anticipated to be published in May 2021. The Recommended Plan will be signed by the Chief of the Corps of Engineers in June 2021, which will mark the end of the study phase.

After the study phase, the Recommended Plan will be proposed for congressional authorization and funding. If approved and funded by Congress, the Recommended Plan would then be designed and constructed over a period of 12 to 20 years, depending on congressional authorization, appropriations, and non-Federal partnerships. After construction, the project would be maintained by a local sponsor or sponsors, whom have not yet been determined.

To comply with the National Environmental Policy Act (NEPA), a Federal agency must prepare an Environmental Impact Statement if it is proposing actions that may significantly affect the quality of the natural and human environment. The NEPA environmental review process seeks to facilitate better-informed decisions, focused on avoiding, minimizing, and/or mitigating potentially negative impacts of Federal action.

For the Coastal Texas Study, the Corps is following a tiered NEPA process. The final Environmental Impact Statement will be published with the final Feasibility Report in 2021, and supplemental NEPA compliance documents will be prepared and published for public review as the project is designed. As a result, the public will have additional opportunities to engage with the study team, review revised plans, and provide feedback.



Study Phase Timeline.

# 2. Public Meeting Process

## 2.1 Transition to Virtual Meetings

On March 24, 2020, the Corps issued a memorandum: *Interim Army Procedures for NEPA* in response to the coronavirus (COVID-19) pandemic. The memorandum established interim Army NEPA procedures in consideration of the COVID-19 public health emergency. These interim NEPA procedures apply to all Army NEPA proponents responsible for NEPA compliance. The memorandum directed the following actions related to public meetings and the NEPA process:

- NEPA public meetings will be transitioned to virtual meetings, postponed, or canceled, as deemed appropriate by the Army NEPA proponent.
- Alternative means of public engagement will be implemented and documented in public participation plans. Virtual meetings may be conducted using online meeting/collaboration tools, teleconference, social media, or email, as appropriate.
- NEPA public and Federal Register notices will inform the public about these alternative participation procedures and how to obtain NEPA materials on the project website or through the mail. Public notices will provide a contact phone number, email, website address, and mailing address.
- Project information, including, but not limited to, scoping materials, draft NEPA documents, and comment forms, will be available on project websites. This includes materials normally presented at public meetings.

- Project information, including, but not limited to, scoping materials, draft NEPA documents, and comment forms will be sent through the mail as either hard copies or as printable compact discs (as requested). Mailed materials will include requested materials normally presented at public meetings and materials on the project website.
- Army NEPA proponents will ensure cooperating agencies are aware of these NEPA alternative participation procedures.

In response to this memorandum, the Corps determined that the public meetings for the study would be moved to a virtual platform in accordance with the interim procedures, above.

## 2.2 Public Meeting Notifications

The public was notified about the release of the second draft proposal, public review and comment period, virtual public meetings, and public comment period extension through the following means:

## 2.2.1 Notice of Availability

A Notice of Availability (NOA) was published in the Federal Register on October 30, 2020, to notify the public and announce the 45-day public review and comment period for the second draft proposal. To announce the 30-day public review and comment period extension, a second NOA was published in the Federal Register on December 11, 2020. A copy of each NOA is included in **Appendix A**.

## 2.2.2 Newspaper Notices

A public notice was published in October 2020, in English, as a legal advertisement in the following publications:

- Beaumont Enterprise October 17, 2020
- Brownsville Herald October 17, 2020
- Corpus Christi Caller Times October 17, 2020
- Galveston County Daily News October 18, 2020
- Houston Chronicle October 17, 2020
- Port Isabel-South Padre Press October 22, 2020
- Port Lavaca Wave October 21, 2020
- The Progress (Anahuac) October 21, 2020
- The Vindicator (Anahuac) October 22, 2020
- Valley Morning Star October 17, 2020
- Victoria Advocate October 17, 2020

The public notice announced the availability of the second draft proposal and provided instructions for the public to register and access each virtual public meeting. The public notice also included information about where to access the second draft proposal for review. It solicited written comments throughout the public review and comment period via mail or email. A copy of each public notice is included in **Appendix A**.

## 2.2.3 Mailed Notices

A total of 1,223 notices were sent by mail on October 16, 2020, to interested parties, and local, state, and federal elected officials announcing the virtual public meetings in November and December 2020. The notices also announced the public review period for the second draft proposal and solicited written comments throughout the public review period by mail or email. A copy of the mailed notices and the stakeholder mailing list are included in **Appendix A**.

## 2.2.4 News Releases

A news release was published on October 30, 2020, on the GLO website announcing the availability of the second draft proposal and the virtual public meetings in November and December 2020. The 30-day public review and comment period extension was announced through a second news release published on December 7, 2020, on the GLO website. Over 15 articles were published in local newspapers indicating the public comment period. Copies of the news releases are included in **Appendix A**.

## 2.2.5 Email Notices

A total of 1,638 notices were sent by email on October 17, 2020 and October 30, 2020, to interested parties, and local, state, and federal elected officials announcing the virtual public meetings in November and December 2020. The notices also announced the public review period for the second draft proposal and solicited written comments throughout the public review period via mail or email. On December 14, 2020, a total of 1,804 email notices were sent to interested parties, including attendees from the November and December 2020 virtual public meetings, and local, state, and federal elected officials. Email notices were sent to announce the 30-day public review and comment period extension. Copies of the email notices and the stakeholder email list are included in **Appendix A**.

## 2.2.6 Study Social Media

For the Coastal Texas Study, a Facebook account (@CoastalTXStudy) and a Twitter account (@CoastalTXStudy) were established in 2019 to provide updated study information as the study team revised the draft proposal to integrate public comments and feedback. These accounts provided information for public engagements, including the in-person and virtual

small stakeholder meetings held in 2019 and 2020, and the in-person public open houses held in February 2020. Additionally, these accounts announced the release of the second draft proposal for public review and comment, as well as the public comment period extension, and the virtual public meetings held in November and December 2020. Collectively, announcements regarding the public comment period on these accounts reached over 11,463 individuals.



Image from Facebook Post on October 28, 2020.

Example images of the 2020 virtual public meeting announcements and links to the study's Facebook and Twitter accounts are included in **Appendix A**.

## 2.2.7 Study Website

A website for the Coastal Texas Study (coastalstudy.texas.gov) has been maintained by the GLO throughout the study process. The website provides overview information about the study and study schedule. It outlines the alternatives evaluated in the study and provides a link to download the second draft proposal and study resources. The website also includes the virtual public meeting presentation, fact sheets, and the ArcGIS StoryMaps developed for the study. Additionally, the website announced the virtual public meetings in November and December 2020 and provided Cisco WebEx Events links for the public to register and join each virtual public meeting. Analytics for the website indicated that 13,884 individuals visited the website to learn more about the study from October 20 to January 13, 2020 (end of the second public comment period to close of second). A link to the study website is included in **Appendix A**.



Coastal Texas Study Website Home Page

## 3. Public Meeting Summary

A series of six virtual public meetings for the Coastal Texas Study were held via Cisco WebEx Events in November and December 2020. The purpose of these virtual public meetings was to provide the public with information about the Coastal Texas Study and to receive public input and comment on the second draft proposal.

Virtual public meetings were held in place of traditional, in-person public meetings due to the COVID-19 pandemic and the resulting federal restrictions surrounding the ability to host

in-person, public meetings. Additionally, the public comment period was extended from 45 to 75 days to accommodate public comments to the greatest extent practicable while following federal guidelines.

Prior to the virtual public meetings, attendees were prompted to register for each meeting on the Coastal Texas Study website (coastalstudy.texas.gov). Attendees were subsequently asked for their first and last name, phone number, mailing address, email address, if they were an elected official, and if they planned to provide a verbal comment during the commenting period for each meeting. A total of 233 people attended the virtual public meetings, and a breakdown of attendance for each of the six virtual public meetings is listed below:

- Monday, November 16, 2020, 11 a.m. 1 p.m. (88 attendees)
- Monday, November 16, 2020, 6 8 p.m. (41 attendees)
- Thursday, December 3, 2020, 11 a.m. 1 p.m. (47 attendees)
- Thursday, December 3, 2020, 6 8 p.m. (13 attendees)
- Tuesday, December 8, 2020, 11 a.m. 1 p.m. (26 attendees)
- Tuesday, December 8, 2020, 6 8 p.m. (18 attendees)

## An attendee database is included in **Appendix B**.

The virtual public meetings began with opening remarks from Col. Timothy Vail, Commander of the Corps, Galveston District, and Mark Havens, Chief Clerk and Deputy Land Commissioner of the GLO. Following opening remarks, the meeting proceeded with a pre-recorded presentation describing the second draft proposal. A copy of the presentation, as well as electronic links to view the opening remarks and presentation, are included in **Appendix C**.

Following the presentation portion of the virtual public meeting, attendees were invited to provide verbal comments. Attendees wishing to provide comments were required to sign up either by indicating their intent to provide a verbal comment during the online meeting registration or using the virtual "Raise Hand" feature available on the Cisco WebEx Events platform during the meeting. Attendees were called to speak in the order in which they registered. Each speaker was provided with two minutes to speak and was asked to state and spell their first and last name before speaking. Verbal comments were recorded through the Cisco WebEx Events platform and provided to a court reporter for transcription following the virtual public meeting. Each meeting adjourned following the verbal commenting period.

A total of 35 comments were received during the verbal commenting period of the virtual public meeting, and a breakdown of comments received during each of the six virtual public meetings is listed below:

- Monday, November 16, 2020, 11 a.m. 1 p.m. (13 comments)
- Monday, November 16, 2020, 6 8 p.m. (6 comments)
- Thursday, December 3, 2020, 11 a.m. 1 p.m. (8 comments)

- Thursday, December 3, 2020, 6 8 p.m. (4 comments)
- Tuesday, December 8, 2020, 11 a.m. 1 p.m. (1 comment)
- Tuesday, December 8, 2020, 6 8 p.m. (3 comments)

A database of comments is available in **Appendix D** and transcripts from each public meeting are included in **Appendix E**.

In addition to verbal comments, attendees were invited to submit comments through email, or mail to the following addresses:

- Email Address: CoastalTexas@usace.army.mil
- Mailing Address: Attn: Mr. Jeff Pinsky, Environmental Compliance Branch, Regional Planning and Environmental Center, P.O. Box 1229, Galveston, TX 77553-1229

## 4. Comment Summary

The following list identifies the topics in the 35 verbal public comments received during the virtual public meetings held in November and December 2020 (tally of associated comments):

- Comments addressing *planning* issues with the study (27)
  - o Galveston Ring Barrier
  - Handicapped accessibility for beach walkovers
  - o San Luis Pass
  - o Bolivar Peninsula beach access
  - Sediment sources
  - Strategic retreat for low populated areas
  - Degree of protection
  - Corpus Christi beach and boat ramp access
  - Bolivar Roads gate system
  - Adherence to the Texas Open Beaches Act
  - o Potential for collaboration with the Bay Park Plan
  - o Construction sequencing
  - Construction timeline
  - Houston Ship Channel deepening's impact on storm surge
  - Reasoning for east Galveston Bay/Chambers County projects
  - o Impacts to roadways on Bolivar Peninsula during construction activities
  - Encouraged to see revisions incorporated from the first draft proposal
  - Nonstructural solutions
  - Timeline for ecosystem restoration projects

- Benefit-to-cost analysis justification
- Erosion at Surfside Beach
- Areas needed for construction activities
- o Study does not address flooding from rainfall and wind damage
- Comments addressing *engineering* issues with the study (8)
  - o Bolivar Peninsula beach and dune system
  - o Galveston Ring Barrier
  - Use of gabions
  - Proposed dune heights
  - Clear Lake gate system
  - Bolivar Roads gate system operations
  - o Gate designs for Clear Lake and Dickinson Bay gate systems
  - o Drainage for Bolivar Peninsula beach and dune system
- Comments addressing *environmental* issues with the study (6)
  - Shoreline protection
  - Bolivar Roads gate system impacts
  - Inadequate analysis of environmental impacts
  - Environmental health risk to Galveston Bay
  - Seagrass beds in Galveston Bay
- Comments addressing *public outreach and outreach materials* for the study (6)
  - Appreciation for time and effort
  - Lack of virtual public meeting awareness
  - Difficulty accessing the virtual public meeting
  - Appreciation for the virtual public meeting presentation
- Comments addressing *general support* for the study (4)
  - Galveston beach and dune system
  - Appreciation for the study and coordination with other entities
  - Appreciation for the comment period extension
- Comments addressing *economic* issues with the study (3)
  - Overall cost too high
- Comments addressing *general opposition* to the study (3)
  - Proposed gate systems
  - o Channel deepening
- Comments addressing *hydrologic and hydraulic* issues with the study (2)

- San Luis Pass inflow/outflow
- Comments addressing *maintenance* issues with the study (1)
  - Bolivar Peninsula beach and dune system
- Comments addressing *other study efforts* (1)
  - Sabine Pass to Galveston Bay Orange County Project

Appendix A

Public Notices & Stakeholder Notification Lists

## Federal Register Notice of Availability

October 30, 2020 NOA

December 11, NOA

compliance with regulations. MARSSIM, when finalized as Revision 2, will update this multi-agency consensus document. The EPA SAB Staff Office augmented the SAB RAC with subject matter experts to provide advice through the chartered SAB regarding this document.

*Technical Contacts:* Any technical questions concerning Revision 2 of Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM) (Draft for Public Comment) should be directed to Kathryn Snead of the U.S. EPA, Office of Radiation and Indoor Air, by email at *snead.kathryn@epa.gov.* 

Availability of Meeting Materials: Prior to the meeting, the agenda and other materials will be accessible through the calendar link on the blue navigation bar at http://www.epa.gov/ sab/. Materials may also be accessed at the following SAB web page: https:// yosemite.epa.gov/sab/sabproduct.nsf// LookupWebProjectsCurrentBOARD/ E1D35FEB397932

FF8525854D00836CFA?OpenDocument.

Procedures for Providing Public Input: Public comment for consideration by EPA's federal advisory committees and panels has a different purpose from public comment provided to EPA program offices. Therefore, the process for submitting comments to a federal advisory committee is different from the process used to submit comments to an EPA program office. Federal advisory committees and panels, including scientific advisory committees, provide independent advice to the EPA. Interested members of the public may submit relevant information on the topic of this advisory activity, for the group conducting the activity, for the SAB to consider during the advisory process. Input from the public to the SAB will have the most impact if it provides specific scientific or technical information or analysis for SAB committees and panels to consider or if it relates to the clarity or accuracy of the technical information. Members of the public wishing to provide comment should contact the DFO directly.

*Oral Statements:* In general, individuals or groups requesting an oral presentation on a public teleconference will be limited to three minutes and an oral presentation at the virtual public review meeting will be limited to five minutes. Interested parties wishing to provide comments should contact Dr. Diana Wong, DFO via email, at the contact information noted above, by November 25, 2020, to be placed on the list of registered speakers for the teleconference and by January 4, 2021, to be placed on the list of registered speakers for the peer review meeting.

Written Statements: Written statements will be accepted throughout the advisory process; however, for timely consideration by Committee/ Panel members, statements should be supplied to the DFO via email at the contact information noted above by January 4, 2021, so that the information may be made available to the SAB Panel for their consideration. It is the SAB Staff Office general policy to post written comments on the web page for the advisory meeting or teleconference. Submitters are requested to provide a signed and unsigned version of each document because the SAB Staff Office does not publish documents with signatures on its websites. Members of the public should be aware that their personal contact information, if included in any written comments, may be posted to the SAB website. Copyrighted material will not be posted without explicit permission of the copyright holder.

Accessibility: For information on access or services for individuals with disabilities, please contact Dr. Diana Wong at *wong.diana-M@epa.gov*. To request accommodation of a disability, please contact Dr. Wong preferably at least ten days prior to the meeting, to give EPA as much time as possible to process your request.

Dated: October 22, 2020.

#### V. Khanna Johnson,

Deputy Director, EPA Science Advisory Board Staff Office.

[FR Doc. 2020–24093 Filed 10–29–20; 8:45 am] BILLING CODE 6560–50–P

#### ENVIRONMENTAL PROTECTION AGENCY

[ER-FRL-9053-6]

#### Environmental Impact Statements; Notice of Availability

Responsible Agency: Office of Federal Activities, General Information 202– 564–5632 or https://www.epa.gov/nepa. Weekly receipt of Environmental Impact Statements (EIS)

Filed October 19, 2020 10 a.m. EST Through October 26, 2020 10 a.m. EST

Pursuant to 40 CFR 1506.9.

#### Notice

Section 309(a) of the Clean Air Act requires that EPA make public its comments on EISs issued by other Federal agencies. EPA's comment letters on EISs are available at: https:// cdxnodengn.epa.gov/cdx-enepa-public/ action/eis/search.

EIS No. 20200209, Final, BIA, MI, Little River Band of Ottawa Indians, Michigan Trust Acquisition and Casino Project, *Review Period Ends:* 11/30/2020, *Contact:* Scott Doig 612– 725–4514.

- EIS No. 20200210, Draft, STB, UT, Uinta Basin Railway, Comment Period Ends: 12/14/2020, Contact: Joshua Wayland 202–245–0330.
- EIS No. 20200211, Draft, MDA, AK, Long Range Discrimination Radar Operations, Clear Air Force Station, Alaska, Comment Period Ends: 12/21/ 2020, Contact: Ryan Keith 256–450– 1599.
- EIS No. 20200212, Third Draft Supplemental, USFS, AK, Kensington Gold Mine Plan of Operations Amendment 1, Comment Period Ends: 12/14/2020, Contact: Matthew Reece 907–789–6274.
- EIS No. 20200213, Final, FHWA, WI, South Bridge Connector, Brown County, Wisconsin, Tier I, *Contact:* Ian Chidister 608–829–7503.

Pursuant to 23 U.S.C. 139(n)(2), FHWA has issued a single document that consists of a final environmental impact statement and record of decision. Therefore, the 30-day wait/ review period under NEPA does not apply to this action.

- EIS No. 20200214, Draft, FHWA, SC, Interstate 526 Lowcountry Corridor West, Comment Period Ends: 01/15/ 2021, Contact: Jeffrey (Shane) Belcher 803–253–3187.
- EIS No. 20200215, Draft, USFS, OR, Stella Restoration Project, Comment Period Ends: 12/14/2020, Contact: Elizabeth Bly 541–560–3465.
- EIS No. 20200216, Draft, NPS, FL, Big Cypress National Preserve Backcountry Access Plan, Comment Period Ends: 12/15/2020, Contact: Joshua Boles 561–492–7340.
- EIS No. 20200217, Draft, USACE, TX, Coastal Texas Protection and Restoration Feasibility Study, *Comment Period Ends:* 12/14/2020, *Contact:* Jeff Pinsky 409–766–3039.

#### **Amended Notice**

EIS No. 20200198, Final, TxDOT, TX, North Houston Highway Improvement Project, *Review Period Ends*: 12/09/ 2020, *Contact*: Carlos Swonke 512– 416–2734.

Revision to FR Notice Published 10/ 9/2020; Extending the Comment Period from 11/9/2020 to 12/9/2020.

Dated: October 26, 2020.

#### Cindy S. Barger,

Director, NEPA Compliance Division, Office of Federal Activities.

[FR Doc. 2020–24059 Filed 10–29–20; 8:45 am] BILLING CODE 6560–50–P of impacts. WAPA invites interested stakeholders to suggest specific issues, including possible mitigation measures, within these general categories, or other categories not included above, to be considered in the EIS/EIR.

Public Participation: The purpose of the scoping process is to identify issues, concerns, possible alternatives, and potential environmental impacts that WAPA should analyze in the EIS/EIR. There will be two scoping meetings, one in the morning and one in the evening on the date determined, to accommodate and encourage public participation. Each meeting will use Zoom Webinar and will be virtual or online consistent with statewide restrictions with in-person meetings because of the COVID–19 pandemic.

WAPA will also announce the public scoping meetings in local news media and by posting on the Project environmental website at *https:// www.wapa.gov/regions/SN/* environment/Pages/WRAP.aspx at least 14 days before the meetings.

The public will have the opportunity to learn about the Project, view maps, and present comments on the scope of the WRAP EIS/EIR. Representatives from WAPA and Trinity PUD will be available to answer questions and provide additional information to meeting attendees.

In addition to providing comments at the webinar public scoping meetings, stakeholders may submit written comments as described in the **ADDRESSES** section above. WAPA will consider all comments postmarked or received during the public scoping period identified in the **DATES** section above. The public is also invited to submit comments on the proposed Project for WAPA's consideration at any time during the EIS process.

WAPA will coordinate with appropriate Federal, State, and local agencies, and potentially affected Native American tribes during the preparation of the EIS/EIR. Agencies with legal jurisdiction or special expertise are invited to participate as cooperating agencies in preparation of the EIS, as defined in 40 CFR 1501.8(a).1 Designated cooperating agencies have responsibilities to support the NEPA process, as specified in 40 CFR 1501.8(b).<sup>2</sup> WAPA will contact tribes and inform them of the planned EIS/ EIR. Government-to-government consultations will be conducted in

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<sup>2</sup> See id. at 85 FR 43361–43362.
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accordance with Executive Order 13175, Consultation and Coordination with Indian Tribal Governments (65 FR 67249); the President's memorandum of April 29, 1994, Government-to-Government Relations with Native American Tribal Governments (59 FR 22951); DOE-specific guidance on tribal interactions; and other applicable Federal and State natural and cultural resources laws and regulations.

Upon completion of the scoping period, WAPA will draft an EIS/EIR. A Notice of Availability of the Draft EIS/ EIR will be published in the Federal **Register**, which will begin a minimum 45-day public comment period. WAPA will announce how to comment on the Draft EIS/EIR and will hold two public hearings during the comment period. People who would like to receive a copy of the Draft EIS/EIR should submit a request as provided in the ADDRESSES section above. For those requesting to be added to the distribution list, you are encouraged to download the EIS/EIR and other documents from the above website; however, if you prefer to be mailed a copy, please specify the format of the EIS/EIR that you would like to receive (CD or printed) and a preference for either the complete EIS/EIR or the Summary only. WAPA will maintain information about the process, including documents, meeting information, and important dates, on the Project website given above. The EIS/ EIR, along with other Project information, will be available for download from the Project website. Please visit the Project website for current information.

#### **Signing Authority**

This document of the Department of Energy was signed on December 1, 2020, by Mark A. Gabriel, Administrator, Western Area Power Administration, pursuant to delegated authority from the Secretary of Energy. That document, with the original signature and date, is maintained by DOE. For administrative purposes only, and in compliance with requirements of the Office of the Federal Register, the undersigned DOE Federal Register Liaison Officer has been authorized to sign and submit the document in electronic format for publication, as an official document of the Department of Energy. This administrative process in no way alters the legal effect of this document upon publication in the Federal Register.

Signed in Washington, DC, on December 7, 2020

#### Treena V. Garrett,

Federal Register Liaison Officer, U.S. Department of Energy. [FR Doc. 2020–27147 Filed 12–10–20; 8:45 am] BILLING CODE 6450–01–P

#### ENVIRONMENTAL PROTECTION AGENCY

[ER-FRL-9054-3]

#### Environmental Impact Statements; Notice of Availability

Responsible Agency: Office of Federal Activities, General Information 202– 564–5632 or https://www.epa.gov/nepa. Weekly receipt of Environmental Impact Statements (EIS)

Filed November 30, 2020 10 a.m. EST Through December 7, 2020 10 a.m. EST

Pursuant to 40 CFR 1506.9.

Notice Section 309(a) of the Clean Air Act requires that EPA make public its comments on EISs issued by other Federal agencies. EPA's comment letters on EISs are available at: https:// cdxnodengn.epa.gov/cdx-enepa-public/ action/eis/search.

- EIS No. 20200249, Final Supplement, USFS, WV, Mountain Valley Pipeline and Equitrans Expansion Project, Review Period Ends: 01/11/2021, Contact: Ken Arney, Regional Forester 888–603–0261.
- EIS No. 20200250, Draft Supplement, USN, AK, Gulf of Alaska Navy Training Activities, Comment Period Ends: 02/16/2021, Contact: Kimberly Kler 360–315–5103.
- EIS No. 20200251, Final, USCG, GU, ADOPTION—Mariana Islands Training and Testing Final EIS–OEIS, Contact: Maile Norman 808–535– 3264.

The United States Coast Guard (USCG) has adopted the United States Navy Final EIS No. 20150136, filed 5/ 15/2015 with EPA. USCG was a cooperating agency on this project. Therefore, republication of the document is not necessary under Section 1506.3(b)(2) of the CEQ regulations.

EIS No. 20200252, Final Supplement, USCG, GU, ADOPTION—Mariana Islands Training and Testing, Contact: Maile Norman 808–535–3264.

The United States Coast Guard (USCG) has adopted the United States Navy Final Supplemental EIS No. 20200155, filed 5/29/2020 with EPA. USCG was a cooperating agency on this project. Therefore, republication of the

<sup>&</sup>lt;sup>1</sup> CEQ revised its NEPA implementing regulations, effective September 14, 2020. Update to the Regulations Implementing the Procedural Provisions of the National Environmental Policy Act, 85 FR 43304, 43361 (July 16, 2020).

document is not necessary under Section 1506.3(b)(2) of the CEQ regulations.

EIS No. 20200253, Final, BR, CO, Paradox Valley Unit of the Colorado River Basin Salinity Control Program, Review Period Ends: 01/11/2021, Contact: Ed Warner 970–248–0654.

- EIS No. 20200254, Final, USFS, WY, Snow King Mountain Resort On-Mountain Improvements, Review Period Ends: 01/11/2021, Contact: Sean McGinnes and Anita DeLong 307–739–5415 x30741.
- EIS No. 20200255, Second Final Supplemental, USACE, MS, Final Supplement No. 2 to the 1982 Yazoo Area Pump Project Final EIS, Review Period Ends: 01/11/2021, Contact: Sara Thames 601–631–5894.

EIS No. 20200256, Revised Draft, USACE, LA, Upper Barataria Basin, Louisiana Feasibility Study, Comment Period Ends: 01/25/2021, Contact: Patricia Naguin 504–862–1544.

EIS No. 20200257, Draft, BLM, AK, Central Yukon Resource Management Plan, Comment Period Ends: 03/11/ 2021, Contact: Michelle Ethun 907– 474–2253.

EIS No. 20200258, Final Supplement, BIA, NV, Arrow Canyon Solar Project, Review Period Ends: 01/11/2021, Contact: Chip Lewis 602–379–6750.

EIS No. 20200259, Final, NOAA, TX, Flower Garden Banks National Marine Sanctuary Expansion, Review Period Ends: 01/11/2021, Contact: G.P. Schmahl 409–621–5151 x102.

#### Amended Notice

EIS No. 20200212, Third Draft Supplemental, USFS, AK, Kensington Gold Mine Plan of Operations Amendment 1, Comment Period Ends: 01/04/2021, Contact: Matthew Reece 907–789–6274.

Revision to FR Notice Published 10/ 30/2020; Extending the Comment Period from 12/14/2020 to 1/4/2021.

EIS No. 20200217, Draft, USACE, TX, Coastal Texas Protection and Restoration Feasibility Study, Comment Period Ends: 01/13/2021, Contact: Jeff Pinsky 409–766–3039. Revision to FR Notice Published 10/

30/2020; Extending the Comment Period from 12/14/2020 to 01/13/2021.

EIS No. 20200236, Final Supplement, USACE, AL, Allatoona Lake Water Supply Storage Reallocation Study and Updates to Weiss and Logan Martin Reservoirs Project Water Control Manuals, Alabama and Georgia (or Allatoona-Coosa Reallocation Study), Review Period Ends: 01/11/2021, Contact: Mr. Mike Malsom 251–690–2023. Revision to FR Notice Published 11/ 20/2020; Extending the Comment Period from 12/21/2020 to 01/11/2021.

Dated: December 8, 2020.

#### Cindy S. Barger,

Director, NEPA Compliance Division, Office of Federal Activities. [FR Doc. 2020–27266 Filed 12–10–20; 8:45 am]

BILLING CODE 6560-50-P

#### ENVIRONMENTAL PROTECTION AGENCY

#### Charter Renewal for the Great Lakes Advisory Board

**AGENCY:** Environmental Protection Agency (EPA)

**ACTION:** Notice of charter renewal.

**SUMMARY:** Notice is hereby given that the Environmental Protection Agency (EPA) has determined that, in accordance with the provisions of the Federal Advisory Committee Act (FACA), the EPA Great Lakes Advisory Board is a necessary committee which is in the public's interest. Accordingly, the Advisory Board will be renewed for an additional two-year period. The purpose of the Advisory Board is to provide advice and recommendations to the EPA Administrator through the Great Lakes National Program Manager on matters related to the Great Lakes Restoration Initiative and on domestic matters related to the implementation of the Great Lakes Water Quality Agreement. The Advisory Board's major objectives are to provide advice and recommendations on: Great Lakes protection and restoration activities; long term goals, objectives and priorities for Great Lakes protection and restoration; and other issues identified by the Great Lakes Interagency Task Force/Regional Working Group.

FOR FURTHER INFORMATION CONTACT: Edlynzia Barnes, Designated Federal Officer (DFO), Great Lakes National Program Office, Environmental Protection Agency, 77 W Jackson Boulevard, Chicago IL; telephone number: 312–886–6249; email address: Barnes.Edlynzia@epa.gov.

#### Kurt Thiede,

Regional Administrator, Great Lakes National Program Manager.

[FR Doc. 2020–27317 Filed 12–10–20; 8:45 am] BILLING CODE 6560–50–P

#### **EXPORT-IMPORT BANK**

#### Sunshine Act Meetings; Notice of an Open Meeting of the Board of Directors of the Export-Import Bank of the United States

**TIME AND DATE:** Tuesday, December 22, 2020 at 10:00 a.m.

**PLACE:** The meeting will be held via teleconference.

**STATUS:** The meeting will be open to public observation for Item Number 1 only.

**MATTERS TO BE CONSIDERED:** Credit Risk Appetite—Linkage to the Budget Cost Level.

**CONTACT PERSON FOR MORE INFORMATION:** Joyce B. Stone (202–257–4086). Members of the public who wish to attend the meeting via audio only teleconference should register via *https://attendee.gotowebinar.com/ register/7315218396872121868* by noon Monday, December 21, 2020. Individuals will be directed to a Webinar registration page and provided call-in information.

#### Joyce B. Stone,

Assistant Corporate Secretary. [FR Doc. 2020–27445 Filed 12–9–20; 4:15 pm] BILLING CODE 6690–01–P

## FARM CREDIT SYSTEM INSURANCE CORPORATION

## Regular Meeting; Farm Credit System Insurance Corporation Board

**AGENCY:** Farm Credit System Insurance Corporation.

ACTION: Notice, regular meeting.

**SUMMARY:** Notice is hereby given, in accordance with the provisions of Article VI of the Bylaws of the Farm Credit System Insurance Corporation (FCSIC), that a regular meeting of the Board of Directors of FCSIC will be held.

**DATES:** December 17, 2020, at 10:00 a.m. EDT, until such time as the Board may conclude its business. *Note: Because of the COVID–19 pandemic, we will conduct the board meeting virtually. If you would like to observe the open portion of the virtual meeting, see instructions below for board meeting visitors.* 

**ADDRESSES:** To observe the open portion of the virtual meeting, go to *FCSIC.gov*, select "News & Events," then "Board Meetings." There you will find a description of the meeting and "Instructions for board meeting visitors." See **SUPPLEMENTARY** 

## **Newspaper Notices**

Beaumont Enterprise – October 17, 2020 Brownsville Herald – October 17, 2020 Corpus Christi Caller Times – October 17, 2020 Galveston County Daily News – October 18, 2020 Houston Chronicle – October 17, 2020 Port Isabel-South Padre Press – October 22, 2020 Port Lavaca Wave – October 21, 2020 The Progress (Anahuac) – October 21, 2020 The Vindicator (Anahuac) – October 22, 2020 Valley Morning Star – October 17, 2020 Victoria Advocate – October 17, 2020

### DEPARTMENT OF THE ARMY GALVESTON DISTRICT, CORPS OF ENGINEERS P.O. BOX 1229 GALVESTON, TEXAS 77553-1229

## NOTICE OF VIRTUAL PUBLIC MEETINGS DRAFT FEASIBILITY REPORT & DRAFT ENVIRONMENTAL IMPACT STATEMENT FOR THE COASTAL TEXAS PROTECTION AND RESTORATION STUDY FALL 2020

The public is hereby notified of the Draft Feasibility Report and Draft Environmental Impact Statement (DEIS) for the Recommended Plan of the Coastal Texas Protection and Restoration Study, prepared by the U.S. Army Corps of Engineers, Galveston District (USACE) in partnership with the Texas General Land Office. Authorized by Congress in Section 4091, Water Resources Development Act of 2007 (Public Law [P.L.] 110- 114), as amended, the draft report investigates and recommends efforts to reduce the risk of coastal storm damage to industries and businesses critical to the Nation's economy and increase resiliency of Texas coastal communities.

The reports are available to download on the project website at https://coastalstudy.texas.gov. Copies of the reports will also be available for viewing at libraries across the study area. A list of libraries can be found on the project website. Copies of the reports are available upon request from USACE, Galveston District, Attn: Mr. Jeff Pinsky, Environmental Compliance Branch, Regional Planning and Environmental Center, P.O. Box 1229, Galveston, TX 77553-1229, or you may email comments to: coastaltexas@usace.army.mil. These documents will be circulated to resource agencies and interested members of the public for a 45-day comment period.

## VIRTUAL PUBLIC MEETINGS

On March 24, 2020, the Corps issued a memorandum: *Interim Army Procedures for National Environmental Policy Act (NEPA)* in response to the coronavirus (COVID-19) pandemic. In response to this memorandum, the Corps determined that the public meetings for the proposed Project would be moved to a virtual platform. A series of six virtual public meetings will be held online during the public comment period, as detailed below:

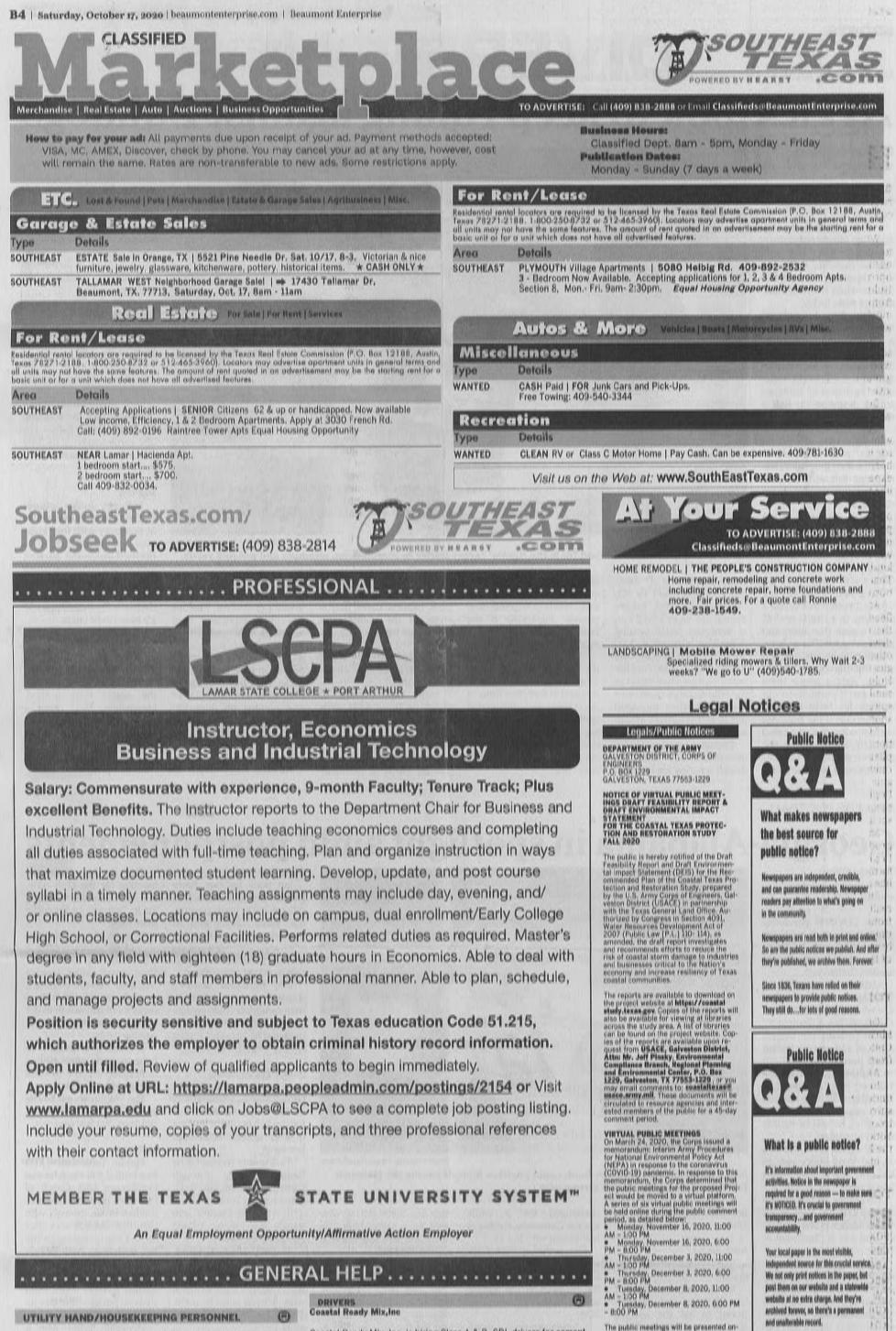
- Monday, November 16, 2020, 11:00 AM 1:00 PM
- Monday, November 16, 2020, 6:00 PM 8:00 PM
- Thursday, December 3, 2020, 11:00 AM 1:00 PM
- Thursday, December 3, 2020, 6:00 PM 8:00 PM
- Tuesday, December 8, 2020, 11:00 AM 1:00 PM
- Tuesday, December 8, 2020, 6:00 PM 8:00 PM

The public meetings will be presented online to provide information about the proposed Project and to receive public input and comment on the draft reports. Access information, instructions, an opportunity to subscribe to future project updates, and additional information regarding this project will be made available prior to the virtual meeting at **https://coastalstudy.texas.gov**. Please visit the study website to register in advance for the meetings or access the meetings at the times stated above.

For daytime meetings, the formal presentation will begin at 11:00 AM and the verbal comment period will begin at 12:00 PM. For evening meetings, the formal presentation will begin at 6:00 PM and the verbal comment period will begin at 7:00 PM.

The public meeting will be conducted in English. Those in need of language interpreters should contact the Corps' Public Involvement consultant, Hollaway Environmental + Communications at (713) 868-1043, by November 9, 2020.

The USACE will accept written public comments on the report for a 45-day period starting on October 30, 2020 and continuing through December 14, 2020. Comments on the report must be emailed or postmarked by December 14, 2020. You may send written comments or questions to the USACE, Galveston District, Attn: Mr. Jeff Pinsky, Environmental Compliance Branch, Regional Planning and Environmental Center, P.O. Box 1229, Galveston, TX 77553-1229, or you may email comments to: coastaltexas@usace.army.mil.





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#### UTILITY HAND/HOUSEKEEPING PERSONNEL

We are currently seeking experienced Utility Hand/Housekeeping personnel for offshore work rotating hitches of 14 days/12 hours per day then 14 days off. Must have the following: RIG PASS . SAFEGULF . HUET BOSIET 
MMC 
TWIC 
THREE YEARS OFFSHORE UTILITY EXPERIENCE. Applicants will also be required to pass a USCG Merchant Mariner Physical and a USCG DOT Drug Test. https://cardinal.bamboohr.com/jobs

## DRIVERS Coastal Ready Mix, Inc

Coastal Ready Mix, Inc. is hiring Class A & B CDL drivers for cement mixer trucks.Health, Dental, Vision, Life & 401K available. Apply in person at Coastal Ready Mix, Inc. 6363 North Twin City Hwy, Unit One, Nederland, TX

PBC PORT ARTHUR, TX

PBC is hiring experienced Supervisors, Blasters, Painters, and Apprentices, wages DOL. Must have a SS Card and Valid ID, TWIC. Apply at 610 Main Avenue in Port Arthur.



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## What makes newspapers the best source for public notice?

Newspapers are independent, credible, and can guarantee readership. Newspaper readers pay attention to what's going on in the community.

Newspapers are read both in print and online. So are the public notices we publish. And after they're published, we archive them. Forever.

We not only print notices in the paper, but post them on our website and a statewide website at no extra charge. And they're archived forever, so there's a permanent and unalterable record.

Texas newspapers have published public notices since 1636. As your homelown paper, we're proud to provide this service to our communities.

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Newspapers are read both in print and online So are the public notices we publish. And after they're published, we archive them. Forever.

Since 1836, Texans have relied on their newspapers to provide public notices. They still do...for lots of good reasons.

## Who benefits from public notice?

You do. Public notices are required because a government body or corporation wants to do something you need to knew about.

When government is about to change your life, or your propery or assels are about to be taken, newspaper notices are there to keep you informed.

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Feds unveil plan to get coronavirus

WASHINGTON

Federal health officials on

Friday unveiled a plan to

get approved coronavirus

vaccines to nursing home

residents free of cost, with

the aid of two national

been approved by the Food and Drug

Administration, and the

distribution program is

Under the plan, trained staff from CVS and Walgreens will deliver the

vaccines to each nursing

home and administer shots.

Assisted-living facilities

and residential group

homes can also participate

in the voluntary program.

Nursing home staffers can

be vaccinated too, if

on

that

No vaccine has yet

pharmacy chains.

contingent

happening first.

# WASHINGTON/WORLD

# Virus at 'turning point' in Europe, hitting at-risk groups

#### BY COLLEEN BARRY AND ANGELA CHARLTON THE ASSOCIATED PRESS

MILAN — Doctors are warning that Europe is at a turning point as the coronavirus surges back across the continent, including among vulnerable people, and governments try to impose restrictions without locking whole economies down.

With newly confirmed cases reaching records, the Czech Republic has shut schools and is building a field hospital, Poland has limited restaurant hours and closed gyms and schools, and France is planning a 9 p.m. curfew in Paris and other big cities. In Britain, authorities are closing pubs and bars in areas in the country's north, while putting limits on socializing in London and other parts of the country.

"This is a serious situation that should not be underestimated. It is serious on a European level," Italy's health minister, Roberto Speranza, said Friday.

Europe is not alone in seeing a resurgence. In the United States, new cases per day are on the rise in 44 states, and deaths per day are climbing in 30.

"If we don't get a handle on this, we run the risk of



LUCA BRUNO/THE ASSOCIATED PRESS

A paramedic takes swabs to test for COVID-19 at a drive-through at the San Paolo hospital, in Milan, Italy, Thursday. Coronavirus infections are surging again in the region of northern Italy where the pandemic first took hold in Europe, renewing pressure on hospitals and health care workers.

getting into a situation that's harder to control," Bertrand Levrat, the head of Switzerland's biggest hospital complex, told The Associated Press. "We are really at a turning point things can go both ways."

But while officials are sounding the alarm on the rising cases, they are also wary of imposing the stricter nationwide lockdowns that devastated their economies this spring. Instead, they are trying more targeted restrictions.

France is deploying 12,000 extra police to enforce its new curfew; Saturday night will be the first time establishments will be forced to close at 9 p.m. Restaurants, cinemas and theaters are trying to figure out how can survive the forced early closures.

Culture Minister Roselyne Bachelot told Le Parisien newspaper she is negotiating for exceptions to a monthlong curfew across the Paris region and eight other metropolitan areas.

### vinemas WASHINGTON — President Donald Trump

was out-raised by Democrat Joe Biden in September and is being outgunned financially by his rival with just weeks to go until Election Day.

Trump's campaign, along with the Republican National Committee and associated groups, raised \$247.8 million in September, well short of the \$383 million raised by **Biden and the Democratic** National Committee in the same period. Trump campaign communica-Tim director tions Murtaugh tweeted that

## **BY RICARDO ALONSO-ZALDIVAR** THE ASSOCIATED PRESS WA SULFICITION THE ASSOCIATED PRESS

other necessary equipment will be included. The idea is to give hardpressed states an all-inclusive system for vaccinating their most vulnerable residents, said Paul Mango, a senior policy adviser at the Department

of Health and Human Services. "We are trying to eliminate all potential barriers to getting folks safe and effective vaccines," Mango said.

People in nursing homes and other longterm care facilities account for less than 1% of the U.S. population, but they account for about 40% of the deaths from COVID-19, with more than 83,600 fatalities logged by the COVID Tracking Project.

## Biden out-raises Trump \$383M to \$248M in September

## THE ASSOCIATED PRESS t]

**SS** the Trump effort had \$251.4 million on hand at the end of September, rump compared with \$432 by million for Biden. len in Trump's financial disbeing advantage was once

unthinkable — incumbent presidents traditionally vastly out-raise their rivals — and poses a stark challenge to his reelection prospects. The president's campaign was betting on a well-stocked war chest to blanket airwaves and the web with Trump ads. But last week he was outspent on advertising by Biden by more than \$10 million, according to the ad tracking firm Kantar/CMAG.

## WHO study finds remdesivir didn't help COVID-19 patients

#### BY JAMEY KEATEN AND MARILYNN MARCHIONE THE ASSOCIATED PRESS

GENEVA — A large study led by the World Health Organization suggests that the antiviral drug remdesivir did not help hospitalized COVID-19 patients, in contrast to an earlier study that made the medicine a standard of care in the United States and many other countries.

The results announced Friday do not negate the previous ones, and the WHO study was not as rigorous as the earlier one led by the U.S. National Institutes of Health. But they add to pendent scientists, but were posted on a site researchers use to share results quickly.

"The big story is the finding that remdesivir produces no meaningful impact on survival," Martin Landray, an Oxford University professor who led other coronavirus treatment research, said in a statement.

"This is a drug that has to be given by intravenous infusion for five to 10 days," and costs about \$2,550 per treatment course, he said. "COVID affects millions of people and their families around the world. We need scalable, affordable and equitable treatments." Dr. Margaret Harris, a WHO spokeswoman, attributed the difference in the conclusions of the two studies to the fact WHO's was larger. "It's just a much higher-powered study," she said. "It's quadruple the number of people in all the other studies. However, Dr. Andre Kalil, a University of Nebraska infectious disease specialist who helped lead the U.S. remdesivir study, said the WHO one was poorly designed, which makes conclusions less its reliable. Patients and doctors knew what treatment they were using, there was no placebo infusion to help avoid biased reporting of risks or benefits, there was little information about the severity of patients' symptoms when treatments began and a lot of missing data, he said. "Poor quality study design cannot be fixed by a large sample size, no matter how large it is, Kalil wrote in an email. Furthermore, the WHO study tested 10 days of remdesivir, so patients some may have been hospitalized longer than they needed to be just to finish treatmaking their ment, length of stay look bad in

comparison to others getting usual care.

Remdesivir's maker, Gilead Sciences, said in a statement that the results are inconsistent with more rigorous studies and have not been fully reviewed or published.

> DEPARTMENT OF THE ARMY GALVESTON DISTRICT, CORPS OF ENGINEERS P.O. BOX 1229 GALVESTON, TEXAS 77553-1229

NOTICE OF VIRTUAL PUBLIC MEETINGS DRAFT FEASIBILITY REPORT & DRAFT ENVIRONMENTAL IMPACT STATEMENT FOR THE COASTAL TEXAS PROTECTION AND RESTORATION STUDY FALL 2020

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Health. But they add to concerns about how much value the pricey drug gives because none of the studies have found it can improve survival.

The drug has not been approved for COVID-19 in the U.S., but it was authorized for emergency use after the previous study found it shortened recovery time by five days on average. It's approved for use against COVID-19 in the United Kingdom and Europe, and is among the treatments U.S. President Donald Trump received when he was infected earlier this month.

study The WHO more involved than 11,000 patients in 30 countries. About 2,750 were randomly assigned to get remdesivir. The rest got either the malaria drug hydroxychloroquine, the immune-system booster interferon, the antiviral combo lopinavir-ritonavir, or just usual care. The other drugs have largely been ruled out for COVID-19 by previous studies, but not remdesivir.

Death rates after 28 days, the need for breathing machines and time in the hospital were relatively similar for those given remdesivir versus usual care.

The results have not been published in a journal or reviewed by indeThe reports are available to download on the project website at https://coastalstudy.texas.gov. Copies of the reports will also be available for viewing at libraries across the study area. A list of libraries can be found on the project website. Copies of the reports are available upon request from USACE, Galveston District, Attn: Mr. Jeff Pinsky, Environmental Compliance Branch, Regional Planning and Environmental Center, P.O. Box 1229, Galveston, TX 77553-1229, or you may email comments to: coastaltexas@usace.army.mil. These documents will be circulated to resource agencies and interested members of the public for a 45-day comment period.

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VIEW OBITUARIES ONLINE AT WWW.BROWNSVILLEHERALD.COM

# Therald

## **PUBLISHER'S AFFIDAVIT**

I Sally Rodriguez, being duly sworn on her oath states that she is a representative of The Brownsville Herald and that the attached notice appeared in the following issues:

Date: October 17,2020

Acct: 83005008-Crouch Environmental Service

Ticket 30170588-Notice of Virtual Public Meetings

Subscribed and sworn to before me on this the 15th day of January 2021



Notary Public, Cameron County State of Texas

8B | SATURDAY, OCTOBER 17, 2020 | CALLER-TIMES

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BOX 1229 GALVESTON, TEXAS 77553-1229 Market Market GALVESTON, TEXAS 7253-129 MOTICS OF VIRTUAL PUBLIC MEETINGS DRAFT FEASIBILITY REPORT & DRAFT FEASIBILITY REPORT & DRAFT FOR THE CORTAIN THE CONTROL OF THE CONTROL RESTORATION OF THE CONTROL OF THE CONTROL TO AND THE CONTROL OF THE CONTROL OF THE CONTROL TO AND THE CONTROL OF THE CONT NCING, ONLY 5% DOWN TOLL FREE OR EMAIL NDIVIDUAL PRICES AND TERMS. nchenterprisestid.com Stuff 2 Estate Sales Estate Sales Homes For Sale -In State Cemetery Lots ESTATE SALE Mem. Gar m 2-person 畲 BEST ESTATE LIQUIDATORS EXCEPTIONAL ESTATE SALE! Guns-Bows-Knives Equal Housing Opportunit All real estate advertising in this newspaper is subject to the Federal Fair Housing Act of 1968 which makes it lilegal to advertise any preference, limitation or discrimination based on race, color, religion, sex national origin, handices or familial status or an intention to make any Friday & Saturday, October 16 & 17 9 AM - 3:00 PM Both Days Factory ammo: 9-40-45 CP-10mm-45lc-380-5.56. \$40 up. 254-563-0648 after 2pm 5902 Vandemere Dr Bent Tree Subdivision Corpus Christi, TX 78414 The reports are available to download on the pro-tion reports are available to download on the pro-ports will also be available for viewing of tiberrels are the study area. All so il liberrels can be found on the p act website. Copies of the reports are available upon prisky. Environmental Conter, P.O. Box 129, O. Pinsky, Environmental Conter, P.O. Box 129, O. Saillats.colluca.cm/rx.ml). These documents will be culated to resource opencies and interested members the public for a 45-day comment leridd. Musical Instruments VALID LICENSE & PROOF OF INSURANCE REQUIRED AT GATE, PLEASE STAY IN LEFT LANE WHEN ENTERING. OTHER DETAILS BELOW. Leather solo, 3 pairs leather relates beLates dialized and the second second second second and grandifiber clock, bor stolos, 3 beds buffet, Howard H grandifiber clock, bor stolos, 3 beds, several dresser large flat screens, surround sound & streec compose lectronics (laptos, iPeds, comeros, etc.), lovely or (1 Glover, Les Akchand Jr.), small Ken Ulberg, and Glover, Les Akchand Jr.), small Ken Ulberg, and ware, Roval Douton Richelieu, entertaining pieces. s his newspaper will not cnowingly accept any advertising for real estate which is in olation of the law. Our readers are hereby hickering 5'1" no. 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December 3, VIRTUAL PUBLIC MEETINGS atural wood finish, orig. ory unmarred keytops, ate 1954 Rebuilt 20 yrs 10. \$5900. 361-215-8819 e, Royai Ubuiton Krichelley, entertaining pie ng & costune jeweiry, upper-end men's cloth ssories ( Polo, Tomy Bahamo, North Fact ne ball signed by Troy Aikmon 16-9-5, ledh le, hunting gear, gua accessories & ammo, i mus tree & holiday decar, politic dining, Wei Jiel Classics, coolers & autocore gear, holis, s, linen, dosbaludriy delighth hunte decar & MORE! Make plans to attend this fabulous 361-215 this newspaper are vallable on an equa Wanted to Buy Real Estate OLD COINS WANTED Rentals Jewelry •Collections I Pay Collector's Prices EMEMBER TO HAVE LICENSE & INSURANCE HANDY INTRY TO NEIGHBORHOOD 30 MINUTES PRIOR TO OPENING. PLEASE DO NOT PARK IN OR ENTER ALLEY. PLEASE DE COURTEOUS WHEN IN NEIGHBORHOOD & WHEN PARKING. Real Estate great places to liv Homes For Rent Homes orpus Christi- Avail Dec st, 4br, 2ba, 2 car gar, 1517 asa De Oro. \$1,450/ma, 1,450 dep. Pet friendly(pet ep reg'd) email contact in-prmation at aokbbqdfw@g For Pics & Details visit, Commercial -Industrial www.bestestateliquidators.net or daytime meetings, the formal presentation will 11:00 AM and the verbal comment period will be 300 PM. For evening meetings, the formal presen II begin at 5:00 PM and the verbal comment period gin at 7:00 PM. To chat about our services call, Jennifer @ 361-249-3868 Rooms For Rent begin at 7:00 PM. The public meeting will be conducted in English. need of language interpreters should contact th Public Involvement consultant, Hollaway Enviro + Communications at (713) 868-1043, by Nove 2020 Corpus Christi- HALF PRICE ESTATE SALE-921 Devonshire Dr. Sat Oct Garage Sales Affordable Fully urnished Bedroom nt. All bills paid, privliges, close t A DECK ROBSTOWN- 5534 County Rd 75. Sat/Sun Oct 17 & 18. im-? Many new items, iry, furniture, kitchen, etmas, clothes, shoes, liges, cross ils & University call: 361-906-817 2020. The USACE will accept written public comments on the report for a 45-day nerical storling on October 39, 2020 and report must be emilied or nontimerced by December 14, 2020. You may send written comments or questions to the Vance of the store of the store of the store of the Vance of the store of the Environmental Center, P.O. Box 129, addressing the Store of the store Wheels SELL IT BUY IT FIND IT lustrial/warehouse v 000+/- sf on 4.07+/-Auctions: 12PM Wec Oct 21 On site Innetwork.com TEXAS properties Ft. Stockton, sham, Kenedy, rryton, Tyler, Marshall, Cars 53-1229, or yo Place your classified ad today. JEEP 1982 CJ7, HUNTING JEEP ng, and Monahans. Jeffrey Michael by Re Lic 550021 Barnes III Auc Lic 6 LOOKING auction.com/SLB Farms For Sale 140 ACRES - RECENTLY REDUCED standard- 4 cyl, 2 dr \$3,200. 361-438-2854 **FOR A** DEER, NICE HI GREAT BRUSH GE VIEWS. ASI Pontiac G6 GT - 2005, 4 dr, silver, 1 owner, immacu-late condition inside & out, everything works, new tires. \$5,500 OBO. 361-876-5787 **JOB**? **TO BOOK YOUR REAL ESTATE** YOU'LL **CLASSIFIED AD FIND IT HERE!** -4 **Check Out Your Local**

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#### HOUSTON, TX 77007-3387

STATE OF WISCONSIN)

COUNTY OF BROWN)

I, being first duly sworn, upon oath depose and say that I am a legal clerk and employee of the publisher, namely, the Corpus Christi Caller-Times, a daily newspaper published at Corpus Christi in said City and State, generally circulated in Aransas, Bee, Brooks, Duval, Jim Hogg, Jim Wells, Kleberg, Live Oak, Nueces, Refugio, and San Patricio, Counties, and that the publication of which the annexed is a true copy, was inserted in the Corpus Christi Caller-Times on the following dates:

#### 10/17/2020

On this October 17, 2020, I certify that the attached document is a true and exact copy made by the publisher:

egal Notice Clerk

Notary Public, State of Wisconstr, County of Brown

Notar Expires

Publication Cost: \$839.20 Ad No: 0004423882 Customer No: 1573528 PO #: # of Affidavits1

This is not an invoice



## **ON THE REALTOR SCENE** Realtor opens new office in downtown Galveston

Salvatore J. Ali, broker/ Realtor, is proud to announce the opening of the area's newest real estate office at 622 Kempner St., in downtown Galveston.

Ali has been a member of Houston Area Realtors for the past four years and lists and sells island properties. He will specialize in East End, Midtown, West End, historic and vacation homes. Ali welcomes rental listings and those wishing to rent before fully committing to the island lifestyle.

Ali will introduce a new "Full Service for Less"

South Land Title, winner of The Daily News' Readers' Choice Award "Best Title Company" in Galveston County, participated in the Galveston Regional Chamber of Commerce Golf Extravaganza on Oct. 13. Pictured, from left, are Vice President of Administration Carolyn Sunseri and Hailey Billiot, with the Business Department.

**Courtesy**/ South Land Title

## SMITH

## Continued » D1

doors. Some homeowners have managed to carve out a space under the stairs. Small families or singles that only need that extra bedroom occasionally can change out the bed to a comfortable futon, Murphy bed or buy one



representation policy for sellers that guarantees performance and satisfaction for his clients, part and parcel of his recent four years of real estate service to the Galveston community. —Salvatore J. Ali



## HAR

## Continued » D1

aren't a whole lot of homes out there for consumers to buy," said HAR Chairman John Nugent with RE/MAX Space Center. "Houston real estate has been performing so well, as a matter of fact, that our HAR membership now exceeds 41,000, so a lot of folks are energized about our flourishing industry."

## LEASE PROPERTY UPDATE

Houston's lease property market staged a lackluster performance in September. Leases of single-family homes fell 3.9 percent year-over-year while leases of townhomes and condominiums were flat. The average rent for single-family homes rose 5.5 percent to \$1,940 while the average rent for townhomes and condominiums increased 6.5 percent to \$1,690.

## **SEPTEMBER MONTHLY MARKET COMPARISON**

Despite the ongoing coronavirus pandemic, homebuyers were out in force in September, still taking advantage of

historically low mortgage interest rates even as the selection of available housing dwindled. Houston real estate saw its fourth consecutive month of positive sales. On a year-to-date basis, the market is running 5.4 percent ahead of 2019's record pace. Single-family home sales, total property sales and total dollar volume all rose compared to September 2019. Pending sales jumped 43.7 percent. However, total active listings — or the total number of available properties — fell 25.4 percent.

The sluggish pace of new listings combined with another month of strong sales drove single-family homes inventory down to a 2.5-month supply versus 3.9 months a year earlier. The last time inventory dropped that low was in December 2014. For September, however, new listings saw a 7.0 percent year-over-year increase. Housing inventory nationally stands at a 3.0-months supply, according to the National Association of Realtors.

## SINGLE-FAMILY **HOMES UPDATE**

Single-family home sales jumped 29.1 percent in September with 9,101 units sold throughout the greater Houston area compared to 7,050 a year earlier. On a year-to-date basis, sales are outpacing last year's historic volume by 5.4 percent. Strong sales volume at the high end of the market once again pushed pricing upward. The single-family home median price rose 8.3 percent to \$265,000 while the average price increased 10.1 percent to \$329,801. Both figures are historic highs for a September.

Days on Market, or the number of days it took the average home to sell, dropped from 56 to 51. Despite a 7.0 percent increase in new listings in September, inventory registered a 2.5-months supply compared to 3.9 months a year earlier and is at levels last seen nearly six years ago, in December 2014. It is also below the current national inventory level of 3.0 months recently reported by NAR.

Broken out by housing segment, September sales

of this nature, there are many others that will. Let your Realtor help you find that seller who will sell you the house that you want.

Another trend for buyers is the turnkey, move-in ready home. Many buyers feel that they do not have time nor the cash to make changes. With inventory down and buyer demand up, new construction

performed as follows: • \$1 - \$99,999: decreased 23.1 percent • \$100,000 - \$149,999: decreased 22.3 percent • \$150,000 - \$249,999: increased 18.2 percent • \$250,000 - \$499,999: increased 46.7 percent • \$500,000 - \$749,999: increased 58.1 percent • \$750,000 and above: increased 81.5 percent HAR also breaks out

sales figures for existing single-family homes. Existing home sales totaled 7,454 in September, up 31.6 percent compared to the same month last year. The average sales price rose 13.4 percent to \$325,683 while the median sales price jumped 10.9 percent to \$255,000.

## TOWNHOUSE/CONDOMINIUM UPDATE

Townhouses and condominiums soared 21.3 percent in September, registering 655 closed sales compared to 540 a year earlier. The average price rose 7.0 percent to \$214,337 and the median price increased 4.4 percent to \$177,500. Inventory shrank from a 4.5-month supply to 4.0 months.

is becoming a popular option.

With so many options, you are sure to find one that works for you. Stay safe. Stay well and vote. Let's talk next week.

Mary Ellen Smith is the 2020 president of the Galveston Association of Realtors and is a Realtor with M E Realty. She can be reached at 409-457-1070 or crystalbeachbroker@att.net.

#### Galveston **MAINLAND REAL ESTATE** Legal Notices Legal Notices Legal Notices Lawn/Garden Galveston - 77550 Galveston - 77554 La Marque, Texas City Wan<u>t to Rent</u> Ryobi Backpack Blow-YARD SALE 2 Seaside Lane TC I WANT TO RENT **ESTATE SALE #3 DEPARTMENT OF THE ARMY** Mainland er Gas, New in Box pd.\$200 asking -\$150 3529 Ave P. / 1401 103rd Street Sat. & Sun. 8am-2pm keyboards, luggage, A small bedroom in GALVESTON DISTRICT, CORPS OF ENGINEERS Homes for Sale Bernardo De Galvez Fri & Sat Oct 16-17 Sat Only! 7AM -? Lots Galveston County. P.O. BOX 1229 GALVESTON, TEXAS 77553-1229 (409)789-8147 of Building Matl's., Fixkids bike, bedding, Phone 7am-2pm New Stuff Out of Attic mirror, HeadBd, baby items, plants, books, 409-354-9718 tures, Household items Scotts Fertilize Spread-er \$15 (409)789-8147 NOTICE OF VIRTUAL PUBLIC MEETINGS ETHEREDGE Xmas, tuxedo, misc. Christmas decor/ **DRAFT FEASIBILITY REPORT & DRAFT** Galveston nutcrackers, Beer & ENVIRONMENTAL IMPACT STATEMENT The Daily News. 2610 Tuna Cr. TC **Unfurnished Apartments** Galveston memorabilia, FOR THE COASTAL TEXAS PROTECTION AND RESTORATION STUDY Tools Sat Only! 7a-2p Appls., Toddler Bed, Kids Antique vintage (Furn., FALL 2020 FOR SALE: 1 bedroom apartment baby clothes, books, 16 Speed Drill Press Clothes, Electronics linens, crochet items, Non smokers or pets. The public is hereby notified of the Draft Feasibility Report and Draft **BRAND NEW** (Floor Model) New Blouses LG/EXL

of the new comfortable air mattresses that can be stored in the closet. Across the country, homeowners are converting lofts, garages and small sheds to work

spaces. For those of you who have considered a new home but not sure if you can afford it or can get approved, go to thegalves tonmls.com and find local

lenders. Give one or two of them a call, and check it out before you write off the idea. With interest still so low, it may be the alternative for you.

If you need to sell your home before you can close on a new one, talk to your Realtor about a contingency contract. This gives you the opportunity to negotiate and sign a contract

earnest money in the event you do not find a buyer for your home. Before you start negotiating a contract with a contingency on sale of another home, it is important to have your present house on the market and have a pre-qualification letter from a lender. While many sellers are not willing to entertain a sale

while still protecting your

## LASSIFIEDS

Environmental Impact Statement (DEIS) for the Recommended Plar of the Coastal Texas Protection and Restoration Study, prepared by the U.S. Army Corps of Engineers, Galveston District (USACE) in part nership with the Texas General Land Office. Authorized by Congress ir Section 4091, Water Resources Development Act of 2007 (Public Law [P.L.] 110- 114), as amended, the draft report investigates and recom mends efforts to reduce the risk of coastal storm damage to industries and businesses critical to the Nation's economy and increase resilien cy of Texas coastal communities

The reports are available to download on the project website at https://coastalstudy.texas.gov. Copies of the reports will also be available for viewing at libraries across the study area. A list of libraries can be found on the project website. Copies of the reports are available upon request from USACE, Galveston District, Attn: Mr. Jeff Pin sky, Environmental Compliance Branch, Regional Planning and Environmental Center, P.O. Box 1229, Galveston, TX 77553-1229, or you may email comments to: coastaltexas@usace.army.mil. These documents will be circulated to resource agencies and interested members of the public for a 45-day comment period.

#### VIRTUAL PUBLIC MEETINGS

On March 24, 2020, the Corps issued a memorandum: Interim Army Procedures for National Environmental Policy Act (NEPA) in response to the coronavirus (COVID-19) pandemic. In response to this memoran dum, the Corps determined that the public meetings for the proposed Project would be moved to a virtual platform. A series of six virtual public meetings will be held online during the public comment period, as detailed below:

- Monday, November 16, 2020, 11:00 AM 1:00 PM
- Monday, November 16, 2020, 6:00 PM 8:00 PM
   Thursday, December 3, 2020, 11:00 AM 1:00 PM
- Thursday, December 3, 2020, 6:00 PM 8:00 PM
- Tuesday, December 8, 2020, 11:00 AM 1:00 PM
   Tuesday, December 8, 2020, 6:00 PM 8:00 PM

The public meetings will be presented online to provide information about the proposed Project and to receive public input and comment on the draft reports. Access information, instructions, an opportunity to subscribe to future project updates, and additional information re-garding this project will be made available prior to the virtual meeting at https://coastalstudy.texas.gov. Please visit the study website to register in advance for the meetings or access the meetings at the times stated above.

For daytime meetings, the formal presentation will begin at 11:00 AM and the verbal comment period will begin at 12:00 PM. For evening meetings, the formal presentation will begin at 6:00 PM and the verbal comment period will begin at 7:00 PM

The public meeting will be conducted in English. Those in need of language interpreters should contact the Corps' Public Involvement consultant, Hollaway Environmental + Communications at (713) 868-1043, by November 9, 2020

The USACE will accept written public comments on the report for a 45day period starting on October 30, 2020 and continuing through December 14, 2020. Comments on the report must be emailed or postmarked by December 14, 2020. You may send written comments or questions to the USACE, Galveston District, Attn: Mr. Jeff Pinsky, Environmental Compliance Branch, Regional Planning and Environ-mental Center, P.O. Box 1229, Galveston, TX 77553-1229, or you may email comments to: coastaltexas@usace.army.mil.

#### Published: October 18, 2020





# The Daily News.

## Affidavit of Publication

P.O. Box 628 Galveston, TX 75544 (409) 683-5200

## STATE OF TEXAS

COUNTY OF GALVESTON Jana Knoell, being duly sworn, says: That she is Jana Knoell of THE GALVESTON COUNTY DAILY NEWS, a daily newspaper of general circulation, printed and published, a copy of which is attached hereto, was published in the said newspaper on the following dates: 10/18/20

That said newspaper was regularly issued and circulated on those dates.

Signed Jana Knoell

Subscribed to and sworn to me this 29th day of October, 2020

Donna Rhoades

Notary Public, State of Texas, Galveston County, TX My commission expires: May 11, 2024

Acct #57591 Ad #800954

Hollaway Environmental Communication 2500 Summer St, Ste # 1130 Houston, TX 77007



DEPARTMENT OF THE ARMY GALVESTON DISTRICT, CORPS OF ENGINEERS P.O. BOX 1229 GALVESTON, TEXAS 77553-1229

#### NOTICE OF VIRTUAL PUBLIC MEETINGS **DRAFT FEASIBILITY REPORT & DRAFT** ENVIRONMENTAL IMPACT STATEMENT FOR THE COASTAL TEXAS PROTECTION AND RESTORATION STUDY **FALL 2020**

The public is hereby notified of the Draft Feasibility Report and Draft Environmental Impact Statement (DEIS) for the Recommended Plan of the Coastal Texas Protection and Restoration Study, prepared by the U.S. Army Corps of Engineers, Galveston District (USACE) in part-nership with the Texas General Land Office. Authorized by Congress in Section 4091, Water Resources Development Act of 2007 (Public Law [P.L.] 110- 114), as amended, the draft report investigates and recom-mends efforts to reduce the risk of coastal storm damage to industries and businesses critical to the Nation's economy and increase resiliency of Texas coastal communities.

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Published: October 18, 2020

## Nations defy Trump with lifeline for Cuba

By Alonso Soto, Ben Bartenstein and Alessandra Migliaceio A PARTY AND INC.

Members of the Paris Club, an informal group of rich nations, are close to suspending Cuba's debt obligations for this year, in a move that defies U.S. attempts to block any fi-nancial relief to the com-

2 year supportion on pay-ments. Schwan Badrou-Gafa-ris, accerary-general of the FastsClub, declined to comment. The pandemic's devas-tating effects over the economy this year have increased the pressure on rich countries to partion or reschedule obligations from poorer nations. Ear-lier this week top econo-

the fallour of the pandem-ic, the people said, declin-ing to be named because talks are private. Neither the total amount of the relief nor the length of the moraio-rium was immediately available. Cuba, which owed \$3.2 billion to the Paris Cub as of December 2009, initially requested a 2-year suspension on pay-ments.

mices agreed to renew a debt-relief initiative for the low-income countries through at teast the first bard of 2021. Curls due to the low income countries through at the start the super-side of the light of the 22 members of the club, the 23 members of the club, the 23 members of the club, the 23 members of the club, the proved doesn't require the outer supersetely be of 14 creditors, which in a 14 across the club, the of 14 creditors, which in a 14 across the club, the of 14 creditors, which in the 24 mean of 14 creditors, which in the of 14 creditors, which in the of 14 creditors, which in the club, the club at the club, the club, the superset of the club, the club at the club at the of 14 creditors, which in the club at the of 14 creditors, which in the club at the superset of the club, the club at the club at the superset of the club at the club at the club at the of 14 creditors, which in the club at the club at the superset of the club at the club at the club at the club at the superset of the club at the club at the club at the superset of the club at the club at the club at the superset of the club at the club at the club at the superset of the club at the club at the club at the superset of the club at the club at the club at the superset of the club at the club at the club at the superset of the club at the club at the club at the superset of the club at the club at the club at the superset of the club at the club at the club at the superset of the superset of the club at the superset of the club at the superset of the supers

matter, The White House is putting pressure on its former Cold War foe in a stance that's popular with conservative Huspanic vorters in Florida, a key battleground state in the upcoming Now. 3 presi-dential election. The White House de-cinated to comment when constacted by Hoomberg. Thus the House de-cinated to philomberg. Thus the House de-cinated to philomberg. Thus the House de-cinated to philomberg. The approchement with Calas started by His predecessor Barack. Ofte-ma has hindered the re-covery of the Island's state-driven economy, which continues to sur-vive enstourism and remit-tances.

bied against the suspension, canners where the state of the club, the supervised does not ensure the remaining during a period does not be club, the supervised does not be supervised does not be club, the supervised does not be club, the supervised does not be supervised does not be club, the supervised does not be supervised does not be

Already short on cash coronavirus from spread-Aiready short on cash, Cuba signed a deal with its Paris Club creditors in 2015 to write off \$8.5 bil-lion in outstanding deb and repay the remaining obligations annually durcoronavirus from spread-ing, the pardemic has rav-aged its tourism industry and its ecoromy is expect-ed to shrink nearly 4% this year, according to the United Navions. Investment firm CRP 1

nancial relief to the com-munist island. Agroup of over a dozen countries at the Paris-based creditor group will likely agree in a request from Cuba to delay a debi payment with these na-tions due at the end of Oc-

tober, according to three people familiar with the negotiationa. The doci-sion seeks to help the Ca-ribbean nation to mitigate



exercise bikes

with pedal flaw

By Jenny Gross

Peloton recalled clip-in pedats on about 20000 of in biles after a received re-ports of Davlen pedata causing riparies, including the that needed stitches or other medical care. The recallappelles to ped-als on biles sold between haly 2018 and May 2016, Pe-loton said in a post on its

Peloton recalls

toton said in a post on its website. It came after 120 reports of the pedals break-ing and 16 reports of inju-

ing and 16 reports of lapa-ries. The recall is a setback for a company that has emerged as one of the ma-jor winners of the quaran-tine economy, with people unreling to its athorne site toorary bikes and read-mills when they could not go in the gym or basilique threes usables. The bikes, at \$1000 phase at \$19 monthly subscription for for access to the streamed chases, are some of the prices usabled on the mittet. Ameline lange, a spoken to the streamed for the streamed for Notation, and the streamed for the streamed subscription and the mittet. Ameline lange, a spoken the streamed for Notation, and on the safety and wellback.

ing of customers. their pecials annually. If a "We save pride in provid-blike is little with the faulty proprietary networked stop using them knmedi-software, and worklectas ately, the company said.

## UK says Instagram will crack down on 'hidden advertising'

ASSOCIATED PRESS

LONDON – Regulators here said Pikloy that Insta-gram will clamp down on "Falden adversing" by so-claf media influencers. The UKS: Competition and Marketa Authority said Instagaram' owner Piace book has committed to tighnening policies to re-strict telluencers who don't disclose they're being paid to promote businessenonits platform.

to promote bainteessionits platform. Ex. part of an investiga-tion into the influencer ini-dustry the satchdon launched two years ago. Regulators were cor-correal instagram varies doing enough under cor-sion hidden advertiging with the flag in the UK. They want to make it



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Before me, the undersigned authority, a Notary appeared, the Newspaper Representative at the Harris County, Texas, and generally circulated in POLK, SAN JACINTO, WASHINGTON, MONTO COLORADO, BRAZORIA, FORT BEND, GALVI that the publication, of which the annexed herein to-wit:	HOUSTON CHRON In the Counties of: HAI GOMERY, LIBERTY, A ESTON, WHARTON,	ICLE, a daily new RRIS, TRINITY, V AUSTIN, WALLEI JACKSON, and M	spaper pu VALKER, R, CHAM MATAGO	ublished i GRIMES BERS, RDA and
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## **OCTOBER 22-28, 2020**

## **PORT ISABEL-SOUTH PADRE PRESS**

## LOCAL NEWS • PAGE 5





Jeffrey George near a nesting sea turtle.

(Courtesy photo)

 Jeffrey George with Sea Turtle, Inc. founder IIa Loetscher in an undated photo. (Courtesy photo)

# Sea Turtle Inc. director announces retirement

By GAIGE DAVILA editor@portisabelsouthpadre.com

Jeffery A. George, director of Sea Turtle, Inc. on South Padre Island for the last 20 years, is retiring.

George announced his

retirement via press release.

"Twenty-eight years ago, I walked into (Sea Turtle, Inc founder) Ila Loetscher's home with my children in tow and we began volunteering with Sea Turtle, Inc," George said. "Never did I dream that I would become an increasingly active volunteer for eight years and then the Director of the organization for another 20 years." George said in the press release he would remain in Sea Turtle Inc.'s Board of Directors

Sea Turtle, Inc will announce their new executive Director and Chief Conservation Officer in November.

DEPARTMENT OF THE ARMY GALVESTON DISTRICT, CORPS OF ENGINEERS P.O. BOX 1229 GALVESTON, TEXAS 77553-1229

## NOTICE OF VIRTUAL PUBLIC MEETINGS DRAFT FEASIBILITY REPORT & DRAFT ENVIRONMENTAL IMPACT STATEMENT FOR THE COASTAL TEXAS PROTECTION AND RESTORATION STUDY FALL 2020

The public is hereby notified of the Draft Feasibility Report and Draft Environmental Impact Statement (DEIS) for the Recommended Plan of the Coastal Texas Protection and Restoration Study, prepared by the U.S. Army Corps of Engineers, Galveston District (USACE) in partnership with the Texas General Land Office. Authorized by Congress in Section 4091, Water Resources Development Act of 2007 (Public Law [P.L.] 110- 114), as amended, the draft report investigates and recommends efforts to reduce the risk of coastal storm damage to industries and businesses critical to the Nation's economy and increase resiliency of Texas coastal communities.

The reports are available to download on the project website at <u>https://coastalstudy.texas.gov</u>. Copies of the reports will also be available for viewing at libraries across the study area. A list of libraries can be found on the project website. Copies of the reports are available upon request from USACE, Galveston District, Attn: Mr. Jeff Pinsky, Environmental Compliance Branch, Regional Planning and Environmental Center, P.O. Box 1229, Galveston, TX 77553-1229, or you may email comments to: <u>coastaltexas@usace.army.mil</u>. These documents will be circulated to resource agencies and interested members of the public for a 45-day comment period.



Jeffrey George observes a turtle inside a tank at Sea Turtle, Inc.'s rehab facility. *(Courtesy photo)* 

## NOV 3, 2020 GENERAL ELECTIONS Early Voting Locations

WEEKDAYS October 22 - October 28 October 29 - October 30 WEEKENDS	9 am to 7 pm 8 am to 8 pm
October 24 - October 25	10 am to 5 pm
Main Office Cameron County Co (Judicial Complex) 954 E. Harrison St., Brownsville, TX	ourthouse
Brownsville Events Center 1 Events Center Blvd. Brownsville, TX	
Harlingen Convention Center 701 Harlingen Heights Dr. Harlingen TX	
Brownsville Public Library Main 2600 Central Blvd., Brownsville, TX	Branch
Southmost Public Library 4320 Southmost Rd., Brownsvile, TX	
Cameron Park Community Cent (El Centro Cultural)	er

## VIRTUAL PUBLIC MEETINGS

On March 24, 2020, the Corps issued a memorandum: *Interim Army Procedures for National Environmental Policy Act (NEPA)* in response to the coronavirus (COVID-19) pandemic. In response to this memorandum, the Corps determined that the public meetings for the proposed Project would be moved to a virtual platform. A series of six virtual public meetings will be held online during the public comment period, as detailed below:

- Monday, November 16, 2020, 11:00 AM-1:00 PM
- Monday, November 16, 2020, 6:00 PM- 8:00 PM
- Thursday, December 3, 2020, 11:00 AM-1:00 PM
- Thursday, December 3, 2020, 6:00 PM-8:00 PM
- Tuesday, December 8, 2020, 11:00 AM-1:00 PM
- Tuesday, December 8, 2020, 6:00 PM-8:00 PM

The public meetings will be presented online to provide information about the proposed Project and to receive public input and comment on the draft reports. Access information, instructions, an opportunity to subscribe to future project updates, and additional information regarding this project will be made available prior to the virtual meeting at <u>https://coastalstudy.texas.gov</u>. Please visit the study website to register in advance for the meetings or access the meetings at the times stated above.

For daytime meetings, the formal presentation will begin at 11:00 AM and the verbal comment period will begin at 12:00 PM. For evening meetings, the formal presentation will begin at 6:00 PM and the verbal comment period will begin at 7:00 PM.

The public meeting will be conducted in English. Those in need of language interpreters should contact the Corps' Public Involvement consultant, Hollaway Environmental + Communications at (713) 868-1043, by November 9, 2020.

The USACE will accept written public comments on the report for a 45-day period starting on October 30, 2020 and continuing through December 14, 2020. **Comments on the report must be emailed or postmarked by December 14, 2020**. You may send written comments or questions to the USACE, Galveston District, Attn: Mr. Jeff Pinsky, Environmental Compliance Branch, **Regional Planning and Environmental Center, P.O. Box 1229, Galveston, TX 77553-1229**, or you may email comments to: <u>coastaltexas@usace.army.mil</u>. 2100 Gregory Ave., Brownsville, TX Brownsville Independent School District Administrative Bldg. 1900 E. Price Rd., Brownsville, TX Harlingen County Annex Bldg. Court Room 3302 Wilson Rd., Harlingen, TX San Benito Community Building 210 E. Heywood St., San Benito, TX Port Isabel Event and Cultural Center 309 Railroad St., Port Isabel, TX American Legion Hall Dining Room 219 E. Commercial Ave. La Feria, TX Los Fresnos Community Center 204 N. Brazil St., Los Fresnos, TX New Horizon Medical Center 191 E. Price Rd. Brownsville, TX Harlingen Cultural Arts Center 576 "76" Dr. Harlingen, TX Rio Hondo ISD Administrative Bldg. 215 W. Colorado St., Rio Hondo, TX Santa Rosa Maria Luisa Ruiz Guerra County Annex Bldg. 116 Santa Vista Ave. Santa Rosa, TX Texas Southmost College Jacob Brown Auditorium 600 International Blvd. Brownsville, TX Los Indios Community Center 309 Heywood St. Los Indios, TX Bob Clark Social Serivces Center 9901 California Rd. Brownsville, TX Town of Rancho Viejo City Hall Board Room 3301 Carmen Ave. Rancho Viejo, TX **Brownsville Navigation District** 1000 Foust Rd. Brownsville, TX Santa Maria ISD Admin Bldg. Board Room 11119 Military Hwy 281, Santa Maria, TX Laguna Vista City Hall Board Room 122 Fernandez St. Laguna Vista, TX South Padre Island City Hall 4601 Padre Blvd. South Padre Island, TX row The Vote!

cameronvotes.com ∎ #@cameronvotes

Or call 1-844-CAN-VOTE for additional information.

# AFFIDAVIT OF PUBLICATION

STATE OF TEXAS COUNTY OF CAMERON

Before me, the indersigned, a Notary Public in and for Cameron County, Texas, personally appeared

1

## AURELIO QUIROGA

known to me to be Representative of The Port Isabel-South Padre Press, who solemnly swears that the attached is a true copy of the publication appearing in said newspaper, a weekly, published in the City of Port Isabel, Cameron County, fexas, continuously for more than one year, and that said pulication appeared on the following dates:

October 22 20 20
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20
Port Isabel-South Padre Press
AD
By Current Conspaper Representative
Signed Juna Burnudez Notary Public in and for Cameron County, Jexas
c amenut c outry, rexas
Dated at Port Isabel, Texas October 24 2020
My Commission ExpiresJULY 15, 2023
(Scal)
SELMA BEAMUDEZ Notary Public, State of Texas My Commission Expires July 15, 2023 NOTARY ID 12867700-1
NOTE:
costs of this publication excluding Notary fee totals the sum of
which is now payable to     THE PORT ISABEL-SOUTH PADRE PRESS
Port Isabel, Texas 78578

### WEDNESDAY, OCTOBER 21, 2020

### THE PORT LAVACA WAVE

NOTICES

DEPARTMENT OF

THE ARMY

GALVESTON DISTRICT,

CORPS OF ENGINEERS

P.O. BOX 1229

GALVESTON, TEXAS

77553-1229

NOTICE OF VIRTUAL

**PUBLIC MEETINGS** 

DRAFT FEASIBILITY

REPORT & DRAFT ENVIRONMENTAL

IMPACT STATEMENT FOR THE COASTAL

**TEXAS PROTECTION** 

AND RESTORATION

STUDY

**FALL 2020** 

The public is hereby noti-

fied of the Draft Feasibility

Report and Draft Environ-

mental Impact Statement

(DEIS) for the Recommen-

ded Plan of the Coastal

Texas Protection and Res-

toration Study, prepared

by the U.S. Army Corps of

Engineers, Galveston Dis-

trict (USACE) in partner-

ship with the Texas Gener-

al Land Office. Authorized

by Congress in Section

4091, Water Resources

Development Act of 2007

(Public Law [P.L.] 110-

114), as amended, the

draft report investigates

and recommends efforts to

reduce the risk of coastal

storm damage to indus-

### CLASSIFIED CALL 361-552-9788 TO PLACE AN AD PUBLIC PUBLIC

# PUBLIC

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(#2220)

## PUBLIC

houn, State of Tex property of Trinida lanueva and Jua lanueva, et al, te

PUBLIC

NOTICES

208 TOMMY, POR VACA, TX 77979; 1 # 20485 (the "Prop legally describe THE SOUTHEAST FEET (2') OF LOT (8) AND THE NOP EST FIFTY-THREE (53') OF LOT NIN BLOCK "L", DESH PARK SUBDIVIS CITY OF PORT LA' CALHOUN COU TEXAS, AS PER OF SAID ADDI DULY RECORDE VOLUME Z, PAG PLAT RECORDS TEXAS.

On the 1st day of Du ber, 2020, being the Tuesday of said mo between the hours 10:00 am and 4:00 pn said day, at the front s of the Calhoun Co Courthouse, 211 Sc Ann Street, Port Lav Texas, I will offer for and sell at public aud for cash, all the right and interest of the at named defendant(s and to said above scribed Property provided for by the T

### IN COUNTY COURT AT LAW NO. ONE OF CAL-HOUN COUNTY, TEXAS

#### NOTICE TO CREDITORS

PUBLIC

NOTICES

CAUSE NO.

2020-PR-0058-CC

THE ESTATE OF

ZORA JANELL MILLER,

DECEASED

Notice is hereby given that original Letters Testamentary for Zora Janell Miller. Deceased, were issued on October 14, 2020, in Cause No. 2020-PR-0058-CC, pending in the County Court at Law No. One of Calhoun County, Texas. to: Brenda Reaves.

All persons having claims against this Estate which is currently being administered are required its present'them to the undersigned within the time and in the manner prescribed by law c/o: John T. Villafranca, Attorney at Law, P. O. Box 9, Port Lavaca, Texas 77979.

#### DATED the 14th day of October, 2020.

John T. Villafranca Attorney for Brenda Reaves, Independent Executrix of the Estate of Zora Janell Miller, Deceased

#### (#2236)

THE STATE OF TEXAS NOTICE TO DEFEND-"You have been ANT: sued. You may employ an attorney. If you, or your attorney, do not file a written answer with the clerk who issued this citation by 10:00 a.m. on the Monday next following the expiration of forty-two days after you were served this citation and petition, a default judgment may be taken against you."

#### TO: Jacquelyn H. Valdez. Respondent

#### Greeting:

You are hereby commanded to appear by filling a written answer to the Plaintiff's ORIGINAL NOTICE OF SEIZURE AND INTENDED FOR-FEITURE, at or before ten o'clock A.M. of the Monday next after the expiration of forty-two days after the date of service of this citation before the Honorable 24th JUDICIAL DISTRICT COURT of Calhoun County, Texas at the Courthouse of said County in PORT LAVACA Texas.

vaca, Texas 77979 on the 12th day of August, 2020, PETITION, at or before ten o'clock A.M. of the Monday in this case, numbered 2020-CV-4064-DC on the docket of said court, and styled. The State of Texas vs.

PUBLIC

2002 Lexis ES3 VIN#JTHBF30G22001282 The names of the parties to the cause are as follows:

THE STATE OF TEXAS. PETITIONER, AND JAC-QUELYN H. VALDEZ AND NANCY ANN ME-SICK, RESPONDENTS

A brief statement of the nature of this suit is as follows, to-wit: Suit asking the Court

to find that the 2002 OXIS Vin#JTHBF30G22001282. registered to Jacquelyn H. Valdez, is contraband as disfined in Anticle 59.01(2) of the Texas Code of Criminal Procedure, and that the Court forfeit the contraband to The State of Texas, as is more fully shown by Plaintiff's Petition on file in this suit.

#### writ shall promptly serve the same according to requirements of law, and the mandates thereof, and make due return as the law directs.

issued and given under my hand and the Seal of said Court, at office in PORT LAVACA Texas, this the 23rd day of September 2020

CLERK OF THE COURT Anna Kabela 211 South Ann - Courthouse, Suite 203 Port Lavaca, Texas 77979

Attest Anna Kabela, Clerk, District Court, Calhoun County, Texas By: Leticia Garcia

NOTICE TO DEFEND. ANT! you were served this cita-

next after the expiration of forty-two days after the date of service of this citation before the Honorable 267th JUDICIAL DIS-TRICT COURT of Calhoun County, Texas at the Courthouse of said County in PORT LAVACA Texas. Said Plaintiff's Petition was

**PUBLIC** NOTICES

filed in said court, by Marvin L. Faires, Jr. (attorney for Plaintiff), whose ad-dress is 921 N. Chaparra Street, Suite 100, Corpus Christi, TX 78401 on the 29th day of September, 2020, in this case, numbered 2020-CV-4103-DC on the docket of said

COURT, AND STYLED, PAUL ZAMORA VS. THE ESTATE OF MARIA ELENA MARTINEZ E 8 3 The names of the parties to the cause are as follows PAUL ZAMORA, PLAINTIFF, AND THE ESTATE OF MARIA ELENA MARTINEZ, DE-FENDANTS

#### The officer executing this A brief statement of the nature of this suit is as follows, to-wit: Suit asking the Court to grant Plaintiff judgment quieting title to the Property and removing cloud on Plaintiff's title; declaratory judgment for the Plaintiff; award of costs, and any other relief at law or in equity to which

this suit.

Deputy (#2204)

### THE STATE OF TEXAS

"You have been sued. You may employ an attorney. If you, or your attorney, do not file a written answer with the clerk who issued this citation by 10:00 a.m. on the Monday next following the expiration of forty-two days after

Plaintiff are entitled as is more fully shown by Plaintiff's Petition on file in The officer executing this writ shall promptly serve the same according to reguirements of law, and the mandates thereof, and make due return as the law directs. issued and given under my hand and the Seal of

said Court, at office in PORT LAVACA Texas, this the 1st day of October 2020. CLERK OF THE COURT Anna Kabela

211 South Ann - Courthouse, Suite 203 Port Lavaca, Texas 77979

Anna Kabela, Clerk, District Court, Calhoun County, Texas tion and petition, a default By: Leticia Garcia

Attest:

#### tries and businesses critical to the Nation's economy and increase resiliency of Texas coastal communities. The reports are available to download on the project website at https://coastalstudy.texas.gov. Copies of the reports will also be available for viewing at libraries across the study area. A list of libraries can be found on the project website. Copies of the re-

ports are available upon request from USACE, **Galveston District, Attn:** Mr. Jeff Pinsky, Environmental Compliance Branch, Regional Planning and Environmental Center, P.O. Box 1229, Galveston, TX 77553-1229, or you may email comments to: coastaltexas@usace.army.mil. These documents will be circulated to resource agencies and interested members of the public for a 45-day comment period.

VIRTUAL PUBLIC MEET-INGS On March 24, 2020, the

Monday, November 16, 2020, 11:00 AM - 1:00 PM

the times stated above. For daytime meetings, the

y.mil.

### **TEXAS COMMISSION ON ENVIRONMENTAL QUALITY**



#### NOTICE OF APPLICATION AND PRELIMINARY DECISION FOR AN AIR QUALITY PERMIT

#### AIR QUALITY PERMIT NUMBERS: 107518 AND PSDTX1383M1

APPLICATION AND PRELIMINARY DECISION. Formosa Plastics Corporation, Texas, Post Office Box 700, Point Comfort, Texas 77978-0700, has applied to the Texas Commission on Environmental Quality (TCEQ) for issuance of A Quality Permit 107518 and Prevention of Significant Deterioration (PSD) Air Quality Permit PSDTX1383M1, which wou authorize modification to the Formosa Point Comfort Plant at 201 Formosa Drive, Point Comfort, Calhoun County, Texa 77978. This application was processed in an expedited manner, as allowed by the commission's rules in 30 Texas Administrative Code, Chapter 101, Subchapter J. This application was submitted to the TCEQ on March 29, 2019. Th existing facility will emit the following air contaminants in a significant amount: sulfur dioxide. In addition, the facility will emit the following air contaminants: carbon monoxide, hazardous air pollutants, nitrogen oxides, organic compounds, sulfuric acid mist, emmonia, chlorine, hypochlorous acid, and particulate matter including particulate matter with diameter of 10 microns or less and 2.5 microns or less.

The degree of PSD increment predicted to be consumed by the proposed facility and other increment-consuming source in the area is as follows:

Nitrogen Dioxide

Maximum Averaging Time	Maximum Increment Consumed (µg/m³)	Allowable Increment (µg/m <sup>3</sup> )
Annual		the second s

#### NOTICES Notice of Sale of Real Estate THE STATE OF TEXAS

COUNTY OF CALHOUN

pel Financial Services, as

Agent and Attorney in fact

for Propel Funding Nation-

al 1, LLC, assignee from PFS Tax Lien Trust 2014-

t and against Trinidad Vil-

lanueva and Juan Vil-

lanueva, et al in the case

of Propel Financial Ser-

vices, as Agent and Attor-

ney in fact for PFS Tax Li-

Statutory Trust vs. Trinid-

ad Villanueva and Juan

Villanueva, et al cause

number 17-08-3133 in said

court, I did on the 2nd day

upon the following de-

land in the county of Cal-

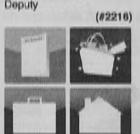
THIS NOTICE OF SALE OF REAL ESTATE IS HEREBY GIVEN pursuant to Chapter 34 of the Texas Tax Code, and Rule 21a of the Texas Rules of Civil Procedure. By Virtue of an Order of Sale in Tax Suits issued on the 2nd day of September, 2020 out of the Honorable 135th District Court of Calhoun County, Texas, on a judgment rendered in said court on the 9th day of April, 2018, in favor of Pro-

Said Plaintiff's Petition was filed in said court, by Sara M. Rodriquez (attorney for Plaintiff), whose address is P.O. Box 1001, Port La-

against you.' TO: The Estate of Maria Elena Martinez, Defendants

judgment may be taken

Greeting: You are hereby commanded to appear by filling a written answer to the Plaintiff's ORIGINAL



Corps issued a memorandum: Interim Army Procedures for National Environmental Policy Act (NEPA) in response to the coronavirus (COVID-19) pandemic. In response to this memorandum, the Corps determined that the public meetings for the proposed Project would be moved to a virtual plat-

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Maximum Averaging Time	Maximum Increment Consumed (µg/m <sup>3</sup> )	Allowable Increment (µg/m <sup>8</sup> )
24-hour	8.1	9
Annual	0.5	

The executive director has determined that the emissions of air contaminants from the proposed facility which are subje to PSD review will not violate any state or federal air quality regulations and will not have any significant adverse impact on soils, vegetation, or visibility. All air contaminants have been evaluated, and "best available control technology" will b used for the control of these contaminants

The executive director has completed the technical review of the application and prepared a draft permit which, if approved, would establish the conditions under which the facility must operate. The permit application, executive director's preliminary decision, draft permit, and the executive director's preliminary determination summary and execut director's air quality analysis, will be available for viewing and copying at the TCEG central office, the TCEG Corpus Christi regional office, and at https://www.fpctx.com/sustainability/public-notices beginning the first day of publication of this notice. The facility's compliance file, if any exists, is available for public review at the TCEC Corpus Christ Regional Office, NRC Building Suite 1200, 6300 Ocean Drive, Unit 5839, Corpus Christi, Texas.

INFORMATION AVAILABLE ONLINE. These documents are accessible through the Commission's Web site at www.tceq.texas.gov/goto/cid; the executive director's preliminary decision which includes the draft permit, the executive director's preliminary determination summary, the air quality analysis, and, once available, the executive director's response to comments and the final decision on this application. Access the Commissioners' Integrated Database (CID using the above link and enter the permit number for this application. This link to an electronic map of the site or facility general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. http://www.tceq.texas.gov/assets/public/hb610/index.html?lat=28.6888&Ing=-96.5472&zoom=13&type=r

PUBLIC COMMENT/PUBLIC MEETING. You may submit public comments or request a public meeting about this application. The purpose of a public meeting is to provide the opportunity to submit comment or to ask questions about the application. The TCEQ will hold a public meeting if the executive director determines that there is a significant degree of public interest in the application, if requested by an interested person, or if requested by a local legislator. A public meeting is not a contested case hearing. You may submit additional written public comments within 30 days of th date of newspaper publication of this notice in the manner set forth in the AGENCY CONTACTS AND INFORMATION paragraph below.

After the deadline for public comment, the executive director will consider the comments and prepare a response to all public comment. The response to comments, along with the executive director's decision on the application will be mailed to everyone who submitted public comments or is on a mailing list for this application.

OPPORTUNITY FOR A CONTESTED CASE HEARING. A contested case hearing is a legal proceeding similar to a c trial in a state district court. A person who may be affected by emissions of air contaminants from the facility is entitled to request a hearing. A contested case hearing request must include the following: (1) your name (or a group or association, an official representative), mailing address, daytime phone number; (2) applicant's nam and permit number; (3) the statement "I/we request a contested case hearing;" (4) a specific description of how you would be adversely affected by the application and air emissions from the facility in a way not common to the general public; (5) the location and distance of your property relative to the facility; (6) a description of how you use the property which may be impacted by the facility; and (7) a list of all disputed issues of fact that you submit during the comment period. If the request is made by a group or association, one or more members wh have standing to request a hearing must be identified by name and physical address. The interests the group of association seeks to protect must also be identified. You may also submit your proposed adjustments to the application/permit which would satisfy your concerns. Requests for a contested case hearing must be submitt in writing within 30 days following this notice to the Office of the Chief Clerk, at the address provided in the information section below

A contested case hearing will only be granted based on disputed issues of fact or mixed questions of fact and law that a relevant and material to the Commission's decisions on the application. The Commission may only grant a request for a contested case hearing on issues the requestor submitted in their timely comments that were not subsequently withdraw issues that are not submitted in public comments may not be considered during a hearing

EXECUTIVE DIRECTOR ACTION. If a timely contested case hearing request is not received or if all timely contested case hearing requests are withdrawn, the executive director may issue final approval of the application. The response to comments, along with the executive director's decision on the application will be mailed to everyone who submitted pub comments or is on a mailing list for this application, and will be posted electronically to the CID. If any timely hearing requests are received and not withdrawn, the executive director will not issue final approval of the permit and will forwar the application and requests to the Commissioners for their consideration at a scheduled commission meeting.

MAILING LIST. You may ask to be placed on a mailing list to obtain additional information on this application by sendir a request to the Office of the Chief Clerk at the address below

AGENCY CONTACTS AND INFORMATION. Public comments and requests must be submitted either electronically a www14.tceq.texas.gov/epic/eComment/, or in writing to the Texas Commission on Environmental Quality, Office of the Chief Clerk, MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Please be aware that any contact information you provide, including your name, phone number, email address and physical address will become part of the agency's put record. For more information about this permit application or the permitting process, please call the Public Education Program toll free at 1-800-687-4040. Si desea información en Español, puede liamar al 1-800-687-4040.

Further information may also be obtained from Formosa Plastics Corporation, Taxas at the address stated above or calling Ms. Tammy G Lasater, EHS Department Staff at (302) 383-1598.

Notice Issuance Date: October 2, 2020

NOTICE OF APPLICATION AND PRELIMINARY DECISION FOR AN AIR QUALITY PERMIT

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

#### PERMIT NUMBER: 107520

APPLICATION AND PRELIMINARY DECISION. Formosa Plastics Corporation, Texas, PO Box 700, Point Comfort, Texas 77978-0700, has applied to the Texas Commission on Environmental Quality (TCEQ) for an amendment to Air Quality Permit Number 107520, which would authorize modification to the Low Density Polyethylene Plant located at 201 Formosa Drive, Point Comfort, Calhoun Gounty, Texas 77978. This application was submitted to the TCEQ on October 2, 2019. The existing facility will emit the following contaminants: carbon monoxide, chlorine compounds, hazardous air pollutants, nitrogen oxides, organic compounds, particulate matter including particulate matter with diameters of 10 microns or less and 2.5 microns or less, sulfur dioxide, and chlorine

The executive director has completed the technical review of the application and prepared a draft permit which, if approved, would establish the conditions under which the facility must operate. The executive director has made a preliminary decision to issue the permit because it meets all rules and regulations. The permit application, executive director's preliminary decision, and draft permit will be available for viewing and copying at the TCEQ central office, TCEQ Corpus Christi Regional Office, and on the internet at https://www.fpctx.com/sustainability/public-inctices, beginning the first day of publication of this notice. The facility's compliance file, if any exists, is available for public review at the TCEQ Corpus Christi Regional Office, NRC Building Suite 1200, 6300 Ocean Drive, Unit 5839, Corpus Christi, Texas

PUBLIC COMMENT/PUBLIC MEETING. You may submit public comments or request a public meeting about this application. The purpose of a public meeting is to provide the opportunity to submit comment or to ask questions about the application. The TCEQ will hold a public meeting if the executive director determines that there is a significant degree of public interest in the application or if requested by a local legislator. A public meeting is not a contested case hearing. You may submit additional written public comments within 30 days of the date of newspaper publication of this notice in the manner set forth in the AGENCY CONTACTS AND INFORMATION paragraph below.

RESPONSE TO COMMENTS AND EXECUTIVE DIRECTOR ACTION. After the deadline for public comments, the executive director will consider the comments and prepare a response to all relevant and material or significant public comments. Because no timely hearing requests have been received, after preparing the response to comments, the executive director may then issue final approval of the application. The response to comments, along with the executive director's decision on the application will be mailed to everyone who submitted public comments or is on a mailing list for this application, and will be posted electronically to the Commissioners' integrated Database (CID)

NFORMATION AVAILABLE ONLINE. When they become available, the executive director's response to comments and he final decision on this application will be accessible through the Commission's Web site at www.tcsq.texas.gov/goto/cid. Once you have access to the CID using the above link, enter the permit number for this pplication which is provided at the top of this notice. This link to an electronic map of the site or facility's general location provided as a public courtesy and not part of the application or notice. For exact location, refer to application, p://www.tcsg.texas.gov/assets/public/hb610/index.html?lat=28.6888&ing=-96.5472&zoom=13&typa=r.

VLING LIST. You may ask to be placed on a mailing list to obtain additional information on this application by sending quest to the Office of the Chief Clerk at the address below.

NCY CONTACTS AND INFORMATION. Public comments and requests must be submitted either electronically at 14.tceq texas gov/epic/eComment/, or in writing to the Texas Commission on Environmental Quality, Office of the MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Please be aware that any contact information you e. Including your name, phone number, email address and physical address will become part of the agency's public For more information about this permit application or the permitting process, please call the Public Education m toll free at 1-800-687-4040. Si desea información en Español, puede llamar al 1-800-687-4040

Information may also be obtained from Formosa Plastics Corporation, Texas at the address stated above or by Ms. Tammy G Lasster, EHS Department Staff at (302) 836-2241.

ssuance Date: September 25, 2020

(#2129A)

# PUBLISHER'S AFFIDAVIT

### THE STATE OF TEXAS § COUNTY OF CALHOUN §

\_DD Turner\_\_\_\_\_, being duly sworn on his/her oath states that he/she is an authorized representative of The Port Lavaca Wave and that said newspaper meets the requirements of Section 2051.044 of the Texas Government code, to wit:

- 1. It devotes not less than twenty-five percent (25%) of its total column lineage to general interest items;
- 2. It is published at least once each week;
- It is entered as second-class postal matter in the county where it is published;
- It has been published regularly and continuously since 1891;
- 5. It is generally circulated within Calhoun County.

Representative further deposes and says that the attached notice was published in said newspaper on the following date(s) to wit:

J , A.D. 2020 SUBSCRIBED AND SWORN BEFORE ME by J MAREK DD Turner\_\_\_\_\_ lotary Public, STATE OF TEXAS My Commission X a) is personally known to me, or Expires 12/22/2022 1.D.#128203503 b) provided the following evidence to establish his or her identity On this the day of OC A.D. 2020, to certify which witness my hand and seal of office Júdý Marek

Notary Public, State of Texas

(CLIPPING)(S)

#2220

Wednesday · October 21, 2020 Classified Word Ad Deadline: Monday 11 AM for Wednesday publication + Call 409-267-6131 + e-mail: ads@theanahuacprogress.com + online: www.theanahuacprogress.com

The Progress

**Classified Word Ad Rates** 75 per run for up to 25 words

47¢ for ea. additional word ADS MUST BE PRE-PAID

LAND FOR SALE

LEGAL NOTICES

to download on the project

LAND FOR SALE: 10-Acres west of Stowell on Canal Rd, off SH65. \$9500 per acre. Owner finance available. Sold in 10-Acre tracts only, Call 713-816-4587 Larry Wells, Broker.

#### LEGAL NOTICES

Citation by Publication **Determination of** Heirship THE STATE OF TEXAS COUNTY OF CHAMBERS GREETINGS: NOTICE IS HEREBY GIVEN that JESSICA SIGERS and CADE MOORMAN filed an Application to Determine Heirship In the Estate of STACIE LEE ABSHIER. deceased, on the 30th day of September, 2020, in Docket Number 20CPR0109 pending in the County Court of Chambers County, Texas.

This Application may be acted on by the Court at any call of the docket on or after 10:00 A.M. on the first Monday following the expiration of ten days from date of publication of this citation. All heirs In the Estate of STACIE LEE ABSHIER, deceased are hereby cited to file a written answer in this proceeding prior to the hearing date, or to make appearance at such hearing.

GIVEN UNDER HAND MY HAND AND SEAL OF SAID COURT at the office in Anahuac, Texas, on this the 14th day of October, 2020. HEATHER H.

HAWTHORNE, COUNTY CLERK CHAMBERS COUNTY, TEXAS

website at https://coastalstudy.texas.gov. Copies of the reports will also be available for viewing at libraries across the study area. A list of libraries can be found on the project website. Copies of the reports are available upon request from USACE, Galveston District, Attn: Mr. Jeff Pinsky, Environmental Compliance Branch, **Regional Planning and** Environmental Center, P.O. Box 1229, Galveston, TX 77553-1229, or you may email comments to: coastaltexas@usace.army. mil. These documents will be circulated to resource agencies and interested members of the public for a 45-day comment period. VIRTUAL PUBLIC MEETINGS

On March 24, 2020, the Corps issued a memorandum: Interim Army Procedures for National Environmental Policy Act (NEPA) in response to the coronavirus (COVID-19) pandemic. In response to this memorandum, the Corps determined that the public meetings for the proposed Project would be moved to a virtual platform. A series of six virtual public meetings will be held online during the public comment period, as detailed below:

Monday, November 16, 2020, 11:00 AM - 1:00 PM Monday, November 16, 2020, 6:00 PM - 8:00 PM Thursday, December 3, 2020, 11:00 AM = 1:00 PM Thursday, December 3, 2020, 6:00 PM - 8:00 PM Tuesday, December 8, 2020, 11:00 AM - 1:00 PM Tuesday, December 8, 2020, 6:00 PM - 8:00 PM The public meetings will



**REAL ESTATE** 

**AD DEADLINE** 

WEDNESDAY ISSUE:

MONDAY 11AM

# CLASSIFIEDS

PAYMENTS

CASH • CHECKS • VISA

MASTERCARD • AM EXPRESS

### 409-267-6131

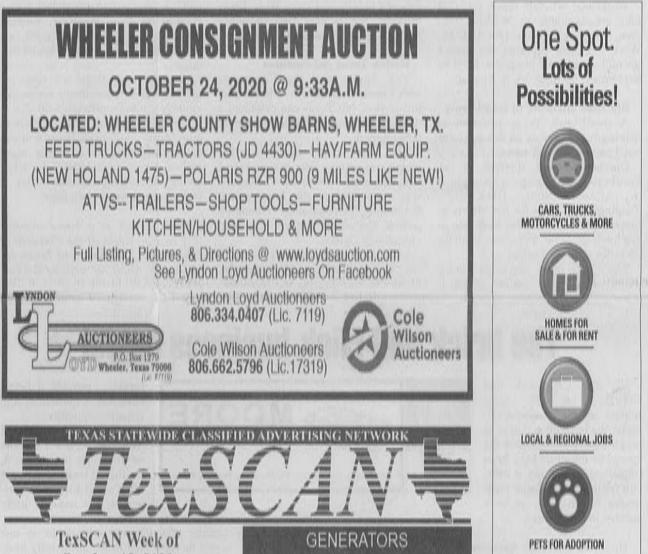
theanahuacprogress.com ads@theanahuacprogress.com

#### PUBLISHER'S NOTICE:

All real estate advertising in this newspaper is subject to the Fair Housing Act which makes it illegal to advertise "any preference, limitation or discrimination based on race, color, religion, sex, handicap, familial status or national origin, or an intention or discrimination." Familial status includes children under the age of 18 living with parents or legal custodians, pregnant women and people securing custody of children under 18.

This newspaper will not knowingly accept any advertising for real estate which is in violation of the law. Our readers are hereby informed that all dwellings advertised in this newspaper are available on an equal opportunity basis. To complain of discrimination call HUD toll-free at 1-800-669-9777. The toll-free telephone number for the hearing impaired is 1-800-927-9275.





P.O. BOX 728 Anahuac, Texas 77514 By: Melinda Rhame, Deputy ATTORNEY OF RECORD: Weston Cotten: 1500 E. Wallisville Road Highlands, TX 77562 281-421-4050

DEPARTMENT OF THE ARMY GALVESTON DISTRICT, CORPS OF ENGINEERS P.O. BOX 1229 GALVESTON, TEXAS 77553-1229 NOTICE OF VIRTUAL PUBLIC MEETINGS DRAFT FEASIBILITY REPORT & DRAFT ENVIRONMENTAL IMPACT STATEMENT FOR THE COASTAL TEXAS PROTECTION AND RESTORATION STUDY **FALL 2020** 

The public is hereby notified of the Draft Feasibility Report and Draft Environmental Impact Statement (DEIS) for the Recommended Plan of the Coastal Texas Protection and Restoration Study, prepared by the U.S. Army Corps of Engineers. **Galveston** District (USACE) in partnership with the Texas General Land Office. Authorized by Congress in Section 4091, Water Resources Development Act of 2007 (Public Law [P.L.] 110-114), as amended, the draft report investigates and reeommends efforts to reduce the risk of coastal storm damage to industries and businesses critical to the Nation's economy and increase resiliency of Texas coastal communities.

The reports are available

be presented online to provide information about the proposed Project and to receive public input and comment on the draft reports. Access information, instructions, an opportunity to subscribe to future project updates, and additional information regarding this project will be made available prior to the virtual meeting at https:// coastalstudy.texas.gov. Please visit the study website to register in advance for the meetings or access the meetings at the times stated above.

For daytime meetings, the formal presentation will begin at 11:00 AM and the verbal comment period will begin at 12:00 PM. For evening meetings, the formal presentation will begin at 6:00 PM and the verbal comment period will begin at 7:00 PM.

The public meeting will be conducted in English. Those in need of language interpreters should contact the Corps' Public Involvement consultant. Hollaway Environmental + Communications at (713) 868-1043, by November 9, 2020.

The USACE will accept written public comments on the report for a 45-day period starting on October 30, 2020 and continuing through December 14, 2020. Comments on the report must be emailed or postmarked by December 14, 2020. You may send written comments or questions to the USACE, Galveston District, Attn: Mr. Jeff Pinsky, Environmental Compliance Branch, **Regional Planning and** Environmental Center, P.O. Box 1229, Galveston, TX 77553-1229, or you may email comments to: coastaltexas@usace.army. mil.

## October 18, 2020

### ACREAGE

Hunting/investment/recreational property. We have some of the best in Texas! From the Hill Country (Edwards, Menard, Coke, Val Verde County, free ranging exotics) to South Texas (Kinney, Duval, Live Oak County, whitetail, hogs). Large or small acreage. 30-year fixed rate owner financing, only 5% down. Call toll-free or email for individual prices and terms, www.ranchenterprisesltd.com, 800-876-9720.

#### AUCTIONS

Wheeler Consignment Auction, Oct. 24, 2020, 9:33 a.m., Wheeler County Show Barns, Wheeler, TX. Feed trucks, tractors, hay/farm equip., Polaris RZR 900, ATVs, trailers, shop tools, furniture kitchen/household & more, Lyndon Loyd Auctioneers - full listing, pictures, & directions at www.loydsauction.com; 806-334-0407 or 806-662-5796.

Real Estate Auction, Nov. 12. ExxonMobil directs immediate sale - industrial, commercial & agricultural land located throughout Texas & Louisiana to be sold subject to low minimum bids. Visit FineAndCompany.com or call 312-278-0600.

### LEGAL ASSISTANCE

Elmiron, a drug commonly prescribed for bladder pain, may damage eyes and even cause vision loss. Elmiron has been prescribed to hundreds of thousands of people who suffer from a particular urinary disorder, interstitial cystitis. Call 800-460-0606 for professional legal insight or visit www.RespectForYou.com/eyes.

GENERAC Standby Generators. The weather is increasingly unpredictable. Be prepared for power outages. FREE 7-year extended warranty (\$695 value!). Schedule your FREE in-home assessment today. Call 1-855-704-8579. Special financing for qualified customers.

### INTERNET

AT&T Internet. Starting at \$40/month w/12-mo agmt. Includes 1 TB of data per month. Get More For Your High-Speed Internet Thing. Ask us how to bundle and SAVE! Geo & svc restrictions apply. Call us today 1=855=439=5457.

### MAINTENANCE

Eliminate gutter cleaning forever! LeafFilter, the most advanced debris-blocking gutter protection. Schedule a FREE LeafFilter estimate today, 15% off and 0% financing for those who qualify. PLUS Senior & Military Discounts. Call 1-855-815-5722.

### MEDICAL

Portable Oxygen Concentrator May Be Covered by Medicare! Reclaim independence and mobility with the compact design and long-lasting battery of Inogen One. Free information kit! Call 866-747-9983.

Life Alert. One press of a button sends help FAST, 24/7! At home and on the go. Mobile Pendant with GPS. FREE First Aid Kit (with subscription.) CALL 844-831-1525. FREE Brochure.

**DENTAL INSURANCE from Physicians Mutual** Insurance Company, NOT just a discount plan, REAL coverage for 350 procedures. Call 1-855-901-0467 for details. www.dental50plus.com/txpress.

### Texas Press Statewide Classified Network 273 Participating Texas Newspapers • Regional Ads Start At \$250 • Email ads@texaspress.com

NOTICE: While most advertisers are reputable, we cannot guarantee products or servics advertised. We urge readers to use caution and when in doubt, contact the Texas Attorney General at 800-621-0508 or the Federal Trade Commission at 877-FTC-HELP. The FTC web site is www.flc.gov/bizop.

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THE PROGRESS CLASSIFIEDS

# ERRORS

The Progress is responsible for the first incorrect ad insertion only. Call 409-267-6131 to notify the newspaper of a needed correction

### **PUBLISHER'S AFFIDAVIT** STATE OF TEXAS COUNTY OF CHAMBERS

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY
APPEARED Jennifer Chavez Insert Publisher's Name/Publisher's Representative) WHO BEING BY ME DULY
SWORN, DEPOSES AND SAYS THAT HE/SHE IS THE PUBLISHER OF THE
THE PROGRESS, THAT SAID NEWSPAPER IS
REGULARLY PUBLISHED IN CHAMBERS COUNTY
(COUNTIES), TEXAS, AND GENERALLY CIRCULATED IN CHAMBERS COUNTY
COUNTY (COUNTIES), TEXAS; AND THAT THE NOTICE, A COPY OF WHICH IS
HERETO ATTACHED, WAS PUBLISHED IN SAID NEWSPAPER ON THE FOLLOWING
DAYS: 10-21-2020
(Insert Date(s) AND FURTHER THAT THE PROPER CHARGE OF SUCH PUBLISHER FOR SUCH PUBLICATION IS: \$_274.070
INSERTION DESCRIPTION: Legal: Notice of Virtual Meeting.
PUBLISHER/PUBLISHER'S REPRESENTATIVE
SWORN AND SUBSCRIBED TO ME ON THIS THE A 2 DAY OF
October, 2020 TO CERTIFY WHICH WITNESS MY HAND
AND SEAL OF OFFICE.
Dayna Haynes Notary Public, State of Texas Notary Public IN AND FOR THE STATE OF TEXAS
DAYNA L. HAUNES PRINT OR TYPE NAME OF NOTARY PUBLIC MY COMMISSION EXPIRES 9-215-21 (Affix Notary Seal Above)

# CLASSIFIEDS

PAGE 8A ■ OCT. 22, 2020 ■ THE VINDICATOR

To place a classified ad, email your ad to classifieds@thevindicator.com, place your ad through our website TheVindicator.com, or call us at 936-336-3611.

PAGE BA = OCI	. 66, 6060 = THE	VINDICATOR	and the second second	and the second and a	th	rough our website The Vindicator.com, or call us at 936-336-3611
GARAGE SALE	LEGALS	LEGALS	LEGALS	LEGALS	LEGALS	NOTICE OF DATE CHANCE DEOUDET
						NOTICE OF RATE CHANGE REQUEST
Garage Sale Sat 10/24 8:00 AM - 4:00 PM, Sun 9:00 AM - 2:00 PM Household, clothing, wedding and more. 81 County Road 6493 Winter Valley Subdivision.	Statement (DEIS) for the Recommended Plan of the Coastal Texas Protection and Restoration Study, prepared by the U.S. Army Corps of Engineers, Galveston District (USACE) in restored in the	during the public comment period, as detailed below: • Monday, November 16, 2020, 11:00 AM – 1:00 PM • Monday, November 16, 2020, 6:00 PM – 8:00 PM	written comments or questions to the USACE, Galveston District, Attn: Mr. Jeff Pinsky, Environmental Compliance Branch, Regional Planning and	21-02 Asphalt Overlay" and in the hand of the Purchasing Agent by 10:00 am, Novem- ber 6, 2020, at the Purchasing Agent's Office, 1901 Cos Street, Liberty, TX 22575 Bids will	to serve as the Administrator of said estate and grant Letters of Administration to same. The Court may act on said Application and any opposition	On October 19, 2020, Entergy Texas, Inc. ("ETT") filed an application to amend its Transmission Cost Recovery Factor ("TCRF") with the Public Utility Commission of Texas ("Commission" or "PUC"). The application was assigned PUC Docket No. 51406. The proposed TCRF is requested in accordance with the Public Utility Regulatory Act § 36.209 and 16 TAC § 25.239. A TCRF allows a utility to recover its reasonable and necessary costs that have occurred since the end of the test year in the utility's last base rate case for transmission infrastructure improvement and changes in makeden the state of the st
FOR RENT	partnership with the Texas General Land	<ul> <li>Thursday, Decem- ber 3, 2020, 11:00</li> </ul>	Environmental Center, P.O. Box	77575. Bids will be opened at that	at any call of the docket on or after 10	wholesale transmission charges to the electric utility under a tariff approved by a federal regulatory authority. In its
2227 Beaumont #6	Office. Authorized	AM - 1:00 PM	1229, Galveston,	time and presented	old clock A.M. on the	requested amendment, ETI is seeking recovery of costs for transmission capital investments it incurred from July 1,
Liberty, 2BR/2BA Duplex, Appliances,	by Congress in Section 4091,	<ul> <li>Thursday, Decem- ber 3, 2020, 6:00 PM</li> </ul>	TX 77553-1229, or you may email	to Commissioners Court at a later date.	first Monday next after the expiration	2019 through August 31, 2020. ETI also seeks to recover
HVAC, Gas & Water	Water Resources	- 8:00 PM	comments to: coa-	Liberty County	of ten days from	approved transmission charges that are not otherwise being recovered through rates.
included, tenants over 50 years old only, \$875	Development Act of 2007 (Public Law	• Tuesday, December 8, 2020, 11:00 AM	staltexas@usace. army.mil.	reserves the right to accept or reject all	date of publication of this citation, at	The proposed TCRF as amended would result in total
mo/deposit; 1702.5	[P.L.] 110- 114), as	1:00 PM	NOTICE TO CREDI-	bids and to waive	the Liberty County	TCRF retail revenues of approximately \$51.0 million, which is \$31.6 million in incremental annual TCRF revenue
Edgewood Liberty, 1BR Efficiency Mini-	amended, the draft report investigates	<ul> <li>Tuesday, December</li> <li>8, 2020, 6:00 PM –</li> </ul>	TORS	all formalities in the best interest of	Courthouse, 1923 Sam Houston	beyond ETI's currently effective TCRF. This \$31.6 million
Home, Appliances,	and recommends	8:00 PM	Notice is hereby given that original	Liberty County. Bid	Street, Liberty,	amount would be a 3.3% increase in ETP's annualized non- fuel revenue requirement as compared to revenues approved
\$550 mo/deposit; 303 Hwy 146 Dayton,	efforts to reduce the risk of coastal storm	The public meetings will be presented	Letters Testamen-	documents can be obtained by calling	Texas 77575 in Liberty, Texas.	in Docket No. 48371, ETI's most recent base rate case, and a 2.1% increase in ETI's overall annualized revenue
3BR/2BA House,	damage to indus-	online to provide	tary for the Estate of Charotte L. Ryser	the County Purchas-	You are hereby cited	requirement including fuel costs as compared to such
Appliances, shed, AC, large yard, \$1250 mo/	tries and businesses critical to the Na-	information about the proposed Project	Carey, Deceased,	ing Agent's Office at (936) 336-4607 or	to appear before said Honorable	revenues as approved in Docket No. 48371. The impact of the rate change on various customer classes will vary from
deposit; Application	tion's economy and	and to receive public	were issued on September 16,	picked up at 1901	Court by filing a	the overall impact described in this notice.
required 936-641- 3814	increase resiliency of Texas coastal	input and comment on the draft reports.	2020, in Cause No.	Cos St, Liberty, Tx. They are also posted	written contest or answer to said Ap-	ETI has requested that an intervention deadline and hearing request deadline of November 30, 2020 be established, and
	communities.	Access information,	P14041, pending in the County Court	on Liberty County's	plication before the	that, if no hearing is requested, the Commission adopt an order approving the proposed TCRF at or before its currently-
FOR SALE	The reports are available to down-	instructions, an opportunity to	of Liberty County, Texas, to: J. David	website www. co.liberty.tx.us	above stated time and date <b>should</b>	scheduled open meeting on January 14, 2021. All customers
Lovely home for sale, Forest Hills	load on the project website at https://	subscribe to future project updates, and	McDonald.	THE STATE OF	you desire to do so. To ensure its	in ETI's Texas retail rate classes are affected by this request. Persons with questions or who want more information
Subdivision, 155	coastalstudy.	additional informa-	All persons having claims against	TEXAS CITATION BY PUB-	consideration, you	on this filing may contact ETI at Entergy Texas, Inc., Attn:
Valley Drive, Liberty, Texas.	texas.gov. Copies of the reports will	tion regarding this project will be made	this Estate which	LICATION	or your attorney must file any con-	Customer Service-2020 TCRF Case, 350 Pine Street, Beaumont, Texas 77701, or call 1-866-981-2602 during
3 BR, 2 B, living	also be available for	available prior to	is currently being administered	CAUSE NO. <u>PI4072</u> TO ALL UNKNOWN	test, objection,	normal business hours. A complete copy of this application is available for inspection at the address listed above.
room, dining room, 2-car garage, large	viewing at libraries across the study	the virtual meeting at https://coast-	are required to	<b>OR MISSING HEIRS</b>	intervention, or response in writ-	The Commission has assigned Docket No. 51406 to this
fenced backyard.	area. A list of librar-	alstudy.texas.	present them to the undersigned within	OF THE ESTATE OF JAMES FRANCES	ing with the County	proceeding. Persons who wish to intervene in or comment upon this proceeding should notify the Public Utility
Call 936-336-6674 for appointment.	ies can be found on the project website.	gov. Please visit the study website to	the time and in the	STANLEY, DE-	Clerk of Liberty County, Texas, on or	Commission of Texas as soon as possible, as an intervention
	Copies of the reports	register in advance	manner prescribed by law.	CEASED CURTNEY LEA	before the above	deadline will be imposed. ETI has requested that the deadline be November 30, 2020. Due to the COVID-19 pandemic, the
MISC	are available upon request from USACE,	for the meetings or access the meetings	J. David McDonald,	STANLEY, in the	noted date and time.	preferred method for you to file your request for intervention is electronically, and you will be required to serve the request-
For free inspection	Galveston District,	at the times stated	Representative, Estate of Charlotte L.	above numbered and entitled estate,	Given under my	on other parties by email. Therefore, please include your
and assistance with insurance claims, call	Attn: Mr. Jeff Pin- sky, Environmen-	above. For daytime meet-	Ryser Carey	filed on 10/08/2020	hand and the seal of said Court at of-	own email address on the intervention request. Instructions for electronic filing via the "PUC Filer" on the Commission's
Your Local Roofer.	tal Compliance	ings, the formal pre-	c/o: Dan Bayless, Attorney at Law	a APPLICATION TO DETERMINE	fice in Liberty, Texas,	website can be found here: https://interchange.puc.texas. gov/filer. Instructions for using the PUC Filer are available
LOPEZ ROOFING & CONSTRUCTION 936-	Branch, Regional Planning and	sentation will begin at 11:00 AM and	106 W. Houston Cleveland, Texas	HEIRSHIP AND	on 10/08/2020. LEE H. CHAMBERS,	at: http://www.puc.texas.gov/industry/filings/New_PUC_
778-9958	Environmental	the verbal comment	77327	FOR LETTERS OF ADMINISTRATION	COUNTY CLERK	Web_Filer_Presentation.pdf. Once you obtain a tracking sheet associated with your filing from the PUC Filer, you may
LEGALS	Center, P.O. Box 1229, Galveston,	period will begin at 12:00 PM. For eve-	DATED the 13 day of	in the estate of JAMES FRANCES	Liberty County, Texas	email the tracking sheet and the document you wish to file to: centralrecords@puc.texas.gov. For assistance with your
KANDOLLINI WUMMINI DIN DIN UTU WUKUU	TX 77553-1229,	ning meetings, the	October, 2020 Dan Bayless	STANLEY, Deceased,	1923 Sam Houston	electronic filing, please contact the Commission's Help Desk
REQUEST FOR QUALI- FICATIONS	or you may email comments to: coa-	formal presentation will begin at 6:00	Attorney for J. David	requesting that the	Room 208 & 209 Liberty, TX 77575	at (512) 936-7100 or helpdesk@pue.texas.gov. You ean review materials filed in this docket on the PUC Interchange

FICATIONS The City of Dayton, Texas is requesting Statements of Qualifications from firms who can adequately demonstrate they have the resources,

comments to: coa: will begin at 6:00 PM and the verbal staltexas@usace. comment period will army,mil, These documents will be begin at 7:00 PM. circulated to re-The public meeting source agencies and will be conducted interested members in English. Those in of the public for a need of language 45-day comment period. **VIRTUAL PUBLIC** MEETINGS On March 24, 2020, the Corps issued a memorandum: Interim Army Procedures for National Environmental Policy Act (NEPA) in response to the coronavirus (COVID-19) pandemic. In response to this memorandum, the Corps determined that the public meetings for the proposed Project would be moved to a virtual platform. A series of six virtual public meetings will be held online

experience and qualifications to fulfill the role of preliminary engineering and en vironmental phase services for the Day ton Rail Crossings Improvement, which includes improvements to safety, congestion, and state of good repair for four (4) at-grade railroad crossings. The respondent should select a team of professionals capable of providing the required services in an efficient manner in the best interest of the City of Dayton and that will provide successful, on-time, and on-budget project delivery. Qualifications are due by 3:00 pm on November 6, 2020 Please visit https:// www.cityofdaytontx.com/bid\_op portunities/index. php for procurement documents.

**DEPARTMENT OF** THE ARMY **GALVESTON DIS** TRICT, CORPS OF ENGINEERS P.O. BOX 1229 **GALVESTON, TEXAS** 77553-1229 **NOTICE OF VIRTUAL** PUBLIC MEETINGS DRAFT FEASIBILITY **REPORT & DRAFT ENVIRONMENTAL** IMPACT STATE-MENT FOR THE COASTAL **TEXAS PROTECTION** AND RESTORATION STUDY FALL 2020 The public is hereby notified of the Draft Feasibility Report and Draft Environmental Impact

interpreters should contact the Corps' **Public Involvement** consultant, Hollaway Environmental + Communications at (713) 868-1043, by November 9, 2020. The USACE will accept written public comments on the report for a 45-day period starting on October 30, 2020 and continuing through December 14, 2020. **Comments** on the report must be emailed or postmarked by December 14, 2020. You may send

592-6400 Facsimile: (281) 592-6413 E-mail: danbaylesslaw@gmail.com NOTICE TO BIDDERS The Liberty County Commissioners Court will accept sealed bids for the following item until 10:00 am, November 6, 2020: BID # 21-02 - Asphalt Overlay on CR 677 and CR 678 The bid will be awarded by unit pricing. Each CR will be awarded separately. Envelopes containing bids must be sealed and clearly marked "BID #

NOV. 12 . REAL ESTATE

AUCTION

McDonald

24003283

77327

State Bar No:

106 W. Houston St.

Cleveland, Texas

Telephone: (281)

and interests in said estate, and appoint CURTNEY LEA STANLEY

Court determine

who are the heirs

and only heirs of

ceased, and their

respective shares

JAMES FRANCES

**STANLEY, De-**

77327 281-592-6400

neyi

By: SHELBEIGH

DRAKE, Deputy

DAN BAYLESS

CLEVELAND, TX

Plaintiff(s) Attor-

106 W. HOUSTON ST.

and 10 copies of the request to: Public Utility Commission of Central Records, Attn: Filing Clerk, 1701 N. Congress Ave., P.O. Box 13326, Austin, Texas 78711-3326.

If you are unable to file your request for intervention

electronically, you may file your request for intervention by

mailing a hard copy of your request to the PUC. The PUC

should receive a letter from you requesting intervention by

the intervention deadline. Mail the request for intervention

at: http://interchange.puc.texas.gov/.

All communications should refer to Docket No. 51406.



#### ACREAGE

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#### AUCTIONS

Wheeler Consignment Auction, Oct. 24, 2020, 9:33 a.m., Wheeler County Show Barns, Wheeler, TX. Feed trucks, tractors, hay/farm equip., Polaris RZR 900, ATVs, brailers, shop tools, furniture kitchen/household & more, Lyndon Loyd Auctioneers - full listing, pictures, & directions at www.loydsauction.com; 806-334-0407 or 806-662-5796.

Real Estate Auction, Nov. 12. ExxonMobil directs immediate sale - industrial, commercial & agricultural land located throughout Texas & Louisiana to be sold subject to low minimum bids. Visit FineAndCompany.com or call 312-278-0600.

#### LEGAL ASSISTANCE

Elmiron, a drug commonly prescribed for bladder pain, may damage eyes and even cause vision loss. Elmiron has been prescribed to hundreds of thousands of people who suffer from a particular urinary disorder, interstitial cystitis. Call 800-460-0606 for professional legal insight or visit www.RespectForYou.com/eyes.

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Lubbock, TX	1316 East 30th St.	0.99 AC	Light Mfg District	\$10,000
Odessa, TX	2126 Maurice Rd.	3.01 AC	Future Development	\$15,000
Tomball, TX	FM2920 & Live Oak St.	0.197 AC	Commercial/Industrial	\$10,000
Ruston, LA	308 Carolina Ave.	0.454 AC	Commercial/Industrial	\$10,000
Vinton, LA	2299 Royer Rd.	181 AC	Agricultural & Industrial	\$175,000
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FineAnd	ICompany.com	3	12.278.0600	(())) J L L

From 6: Co TX, Liu, TX Broker, Renner Y, Jarner Liu, TX Austhaneur, Jones Lang Labalte Ind, Licenneed LA Broker, and Renner Y, Jones La Specific Austhaneur



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PUBLISHER'S AFFIDAVIT
State of Texas
County of Liberty
BEFORE ME, THE UNDERSIGNED NOTARY, Juniter Hickory
ON THIS 20 October ZOZE, PERSONALLY APPEARED
1. Pro
LAWFUL AGE, WHO BEING BY ME FIRST DULY SWORN, ON HIS/HER OATH, DEPOSES AND
SAYS: OLI MA LI
The astached: Public/ Letin
Approved by: <u>Holloway</u>
Appeared in THE VINDICATOR, a newspaper printed in LIBERTY, with General Circulation in LIBERTY
COUNTY, Texas for week(s).
Starting: $\frac{10}{7.2}$ and ending: $\frac{10}{7.2}$
Fublisher's Cost: $s_347.60$
Name: (Publisher's Rep.)
Signed: (Publisher's Rep.)
Q
SWORN TO AND SUBSCRIBED BEFORE ME ON THE 30 day of October,
2070 BY K, Kyne [name of affiant]
$\sim$
[Personalized Seai]
JENNIFER GRAY RICHARDSON
Notary Public, State of Texes Comm. Expires 10-06-2022 Notary Public's Signature



Continued from A4

#### Funerals Today

#### **Guadalupe Victoria Rodriguez**

Funeral service will be held for Guadalupe Victoria Rodriguez at 11 a.m. today, Oct. 17, 2020 atLife Tabernacle Church in Sebastian, Texas, All are welcome to attend the interment service that will follow at Restlawn Cemetery in La Feria, Texas. Arrangements by Trinity At Harrison Funeral Home of Harlingen.

# Feds unveil plan to get coronavirus shots to nursing homes

#### By RICARDO ALONSO-ZALDIVAR

The Associated Press

#### WASHINGTON -

Federal health officials on Friday unveiled a plan to get approved coronavirus vaccines to nursing home residents free of cost, with the aid of two national pharmacy chains.

No vaccine has yet been approved by the Food and Drug Administration, and the distribution program is contingent on that happening first.

Under the plan, trained staff from CVS and Walgreens will deliver the vaccines to each nursing home and administer shots. Assisted-living facilities and residential group homes can also participate in the voluntary program. Nursing home staffers can be vaccinated too, if they have not already received their shots. Needles, syringes and other necessary equipment will be included.

The idea is to give hard-pressed states an all-inclusive system for vaccinating their most vulnerable residents, said Paul Mango, a senior policy adviser at the Department of Health and Human Services. "We are trying to eliminate all potential barriers to getting folks safe and effective vaccines," Mango said

ties logged by the COVID Tracking Project.

The Trump administration's initial attempts to promote coronavirus testing in nursing homes and to ensure sufficient supplies of protective gear were hampered by missteps and led to widespread complaints from nursing home operators and advocates for older people. The vaccine program seems designed to prevent a repeat at a time when President Donald Trump is battling to hang on to support from older voters.

Vaccines will be on their way to nursing homes within 24 to 48 hours after the FDA approves their use, Mango said.

The effort is taking place under the auspices of Operation Warp Speed, a White House-backed effort to quickly produce and distribute hundreds of millions of doses of approved vaccines, enough for every American.

Mango said he anticipates that if a vaccine is approved this year, initial supplies would be limited. Availability will improve markedly in the first three months of 2021, he said.

HHS is fielding an online survey for nursing homes to assess their interest in the program, but the allocation of vaccines will be done through state and territorial governments. Nursing homes and long-term care facilities will not be charged for the program. CVS and Walgreens will be reimbursed for administering the shots at standard Medicare rates, officials said.

# White House rejects Putin response to arms control offer

#### By ROBERT BURNS and DEB RIECHMANN The Associated Press

WASHINGTON - The U.S. and Russia on Friday rejected each other's proposals for potentially salvaging the last remaining legal constraint on their strategic nuclear forces. President Vladimir Putin called for an unconditional extension of the soon-to-expire New START treaty, and the White House called that a "non-starter."

Adding an edginess to the diplomatic clash, President Donald Trump's national security adviser, Robert O'Brien, suggested the Russians rethink their stance "before a costly arms race ensues. Administration officials have previously alluded to building up nuclear forces if the treaty is abandoned, although the Pentagon has its hands full paying for a one-for-one replacement of older nuclear weapons.

In the closing days of his reelection bid, Trump has looked for ways to boost his foreign policy record, and although he says he favors nuclear arms control, he has called New START flawed and unfavorable to the U.S. Last year he withdrew the U.S. from a separate nuclear arms treaty with Russia, and he waited until this year to begin engaging the Russians on the future of the New START deal.

Democrat Joe Biden,



ALEXEI DRUZHININ, SPUTNIK, KREMLIN POOL PHOTO VIA AF

Russian President Vladimir Putin chairs a Security Council meeting via video conference in Moscow, Russia, Friday.

who was vice president when New START was negotiated during the Obama administration and ratified by the Senate, has said he would not hesitate to agree to Putin's original proposal for a five-year extension of New START. That would be followed by negotiation of a follow-on deal.

The Trump administration recently proposed a one-year extension of the 2010 treaty, which is set to expire in February 2021, but it said this must be coupled with the imposition of a broader cap on U.S. and Russian nuclear warheads. The cap would cover warheads not limited by the New START treaty. Putin said Friday a oneyear extension was okay but should not be conditioned on a wider cap on warheads.

The Trump administration's talk of a cap, or freeze, on all categories of warheads has puzzled some U.S. analysts, in part because the number of those weapons has held steady over the past decade or so. William J. Perry, who served as defense secretary under President Bill Clinton, said Thursday, prior to Putin's latest remarks, that the U.S. freeze idea may be a "domestic political gambit" ahead of the Nov. 3 election.

"I see no real significance to it," he said. "I can't see any rationale for it.'

The arms control effort is hampered in part by deteriorating trust between Washington and Moscow. Washington accuses Moscow of cheating and of aspiring to a nuclear buildup. The Defense Intelligence Agency last year projected that Russia's overall stockpile of nuclear weapons would "grow significantly" over the next decade, driven by an increase in shorter-range, or non-strategic, weapons that are not governed by the New START treaty.

For its part, Moscow is suspicious of U.S. missile defenses, which it believes could undermine the credibility of its strategic missiles.

DEPARTMENT OF THE ARMY GALVESTON DISTRICT, CORPS OF ENGINEERS P.O. BOX 1229 GALVESTON, TEXAS 77553-1229

#### NOTICE OF VIRTUAL PUBLIC MEETINGS DRAFT FEASIBILITY REPORT & DRAFT ENVIRONMENTAL IMPACT STATEMENT FOR THE COASTAL TEXAS PROTECTION AND RESTORATION STUDY **FALL 2020**

The public is hereby notified of the Draft Feasibility Report and Draft Environmental Impact Statement (DEIS) for the Recommended Plan of the Coastal Texas Protection and Restoration Study, prepared by the U.S. Army Corps of Engineers, Galveston District (USACE) in partnership with the Texas General Land Office. Authorized by Congress in Section 4091, Water Resources Development Act of 2007 (Public Law [P.L.] 110- 114), as amended, the draft report investigates and recommends efforts to reduce the risk of coastal storm damage to industries and businesses critical to the Nation's economy and increase resiliency of Texas coastal communities.

People in nursing homes and other longterm care facilities account for less than 1% of the U.S. population, but they account for about 40% of the deaths from COVID-19, with more than 83,600 fatali-

### Texas sends virus team to Amarillo, Lubbock as cases spike

#### The Associated Press

AMARILLO - Gov. Greg Abbott said Friday he is deploying medical personnel and supplies to the Texas Panhandle and surrounding region as the coronavirus surges again, marking the second time in two weeks the state has sent response teams because of rising caseloads.

Hospitalizations are increasing in Amarillo and Lubbock, mirroring overall numbers across the state.

An additional 100 medical workers will arrive at hospitals in the cities by Sunday, Abbott said. The state is also sending ventilators and oxygen concentrators.

The additional medical personnel, supplies, and PPE surged to the Panhandle and South Plains will help

these communities care for patients and contain the spread of this virus," Abbott said.

Since Oct. 1, the number of people hospitalized because of COVID-19 has risen 34% in Texas after the state relaxed restrictions in mid-September, citing a decrease in hospitalizations.

It's the second time the Panhandle has seen a virus spike this year. Abbott sent a "surge response team" there in May as cases erupted around meatpacking plants, and he kept some businesses in the region from reopening at the same speed as most places in Texas.

After positive cases dropped sharply, Abbott described the turnaround as a model for how Texas can extinguish hot spots.

The reports are available to download on the project website at https://coastalstudy.texas.gov. Copies of the reports will also be available for viewing at libraries across the study area. A list of libraries can be found on the project website. Copies of the reports are available upon request from USACE, Galveston District, Attn: Mr. Jeff Pinsky, Environmental Compliance Branch, Regional Planning and Environmental Center, P.O. Box 1229, Galveston, TX 77553-1229, or you may email comments to: coastaltexas@usace.army.mil. These documents will be circulated to resource agencies and interested members of the public for a 45-day comment period.

#### VIRTUAL PUBLIC MEETINGS

On March 24, 2020, the Corps issued a memorandum: Interim Army Procedures for National Environmental Policy Act (NEPA) in response to the coronavirus (COVID-19) pandemic. In response to this memorandum, the Corps determined that the public meetings for the proposed Project would be moved to a virtual platform. A series of six virtual public meetings will be held online during the public comment period, as detailed below:

- Monday, November 16, 2020, 11:00 AM 1:00 PM
- Monday, November 16, 2020, 6:00 PM 8:00 PM
- Thursday, December 3, 2020, 11:00 AM 1:00 PM
- Thursday, December 3, 2020, 6:00 PM 8:00 PM
- Tuesday, December 8, 2020, 11:00 AM 1:00 PM
- Tuesday, December 8, 2020, 6:00 PM 8:00 PM

The public meetings will be presented online to provide information about the proposed Project and to receive public input and comment on the draft reports. Access information, instructions, an opportunity to subscribe to future project updates, and additional information regarding this project will be made available prior to the virtual meeting at https://coastalstudy.texas.gov. Please visit the study website to register in advance for the meetings or access the meetings at the times stated above.

For daytime meetings, the formal presentation will begin at 11:00 AM and the verbal comment period will begin at 12:00 PM. For evening meetings, the formal presentation will begin at 6:00 PM and the verbal comment period will begin at 7:00 PM.

The public meeting will be conducted in English. Those in need of language interpreters should contact the Corps' Public Involvement consultant, Hollaway Environmental + Communications at (713) 868-1043, by November 9, 2020.

The USACE will accept written public comments on the report for a 45-day period starting on October 30, 2020 and continuing through December 14, 2020. Comments on the report must be emailed or postmarked by December 14, 2020. You may send written comments or questions to the USACE, Galveston District, Attn: Mr. Jeff Pinsky, Environmental Compliance Branch, Regional Planning and Environmental Center, P.O. Box 1229, Galveston, TX 77553-1229, or you may email comments to: coastaltexas@usace.army.mil.



### **PUBLISHER'S AFFIDAVIT**

### STATE OF TEXAS COUNTY OF CAMERON

I Sally Rodriguez, being duly sworn on her oath states that she is a representative of The Valley Morning Star and that the attached notice appeared in the following issues:

Date: October 17,2020

Acct: 83005008-Crouch Environmental Service

Ticket: 30170589-Notice Of Virtual Public Meetings

Shelly Roppingue

Subscribed and sworn to before me on this the 15th day of January 2021



Notary Public, Cameron County State of Texas

#### DEPARTMENT OF THE ARMY GALVESTON DISTRICT, CORPS OF ENGINEERS PO. BOX 1229 GALVESTON, TEXAS 77553-1229

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#### STATE OF TEXAS COUNTY OF VICTORIA

Before me, a Notary Public in and for said County and State, this day personally appeared <u>PAMELA WILLIAMS</u>, Multi Media Sales Assistant for the <u>VICTORIA ADVOCATE</u> published by the <u>VICTORIA ADVOCATE</u> in <u>VICTORIA</u> County, Texas and distributed in other surrounding Counties (Calhoun, Dewitt, Goliad, Gonzales, Jackson, Karnes, Lavaca, Matagorda, Refugio and Wharton); and who, after being duly sworn, did dispose and say that the following clipping of an advertisement was published in the above named paper on the following dates:

Saturday, October 17th, 2020

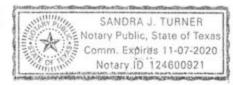
gned

Subscribed and sworn to before me, this  $\underline{194}$  day of October, 2020.

Notary Public

VICTORIA County, TX

[place notary seal here]



[attach actual copy of Newspaper ad clipping]

Stakeholder Category	First Name	Last Name	Mailing Address	City	State	Zip
Public Meeting Attendee	J. Paul	Abadie	7155 Spanish Grant	Galveston	ТΧ	77554
Public Meeting Attendee	Cathy	Abernethy	4132 Pirates Beach	Galveston	ТΧ	77554
Public Meeting Attendee	Chris	Abernethy	4132 Pirates Beach	Galveston	ТΧ	77554
Public Meeting Attendee	Sam	Accardo	11235 Cole Dr.	Beaumont	ТΧ	77705
Public Meeting Attendee	Patrick	Acosta	16214 Parksley Dr	Houston	ТΧ	77058
Public Meeting Attendee	Joan	Addison	18052 Lakeside Lane	Houston	ТΧ	77058
Public Meeting Attendee	Benny	Adkins	5660 Jefferson	Vidor	ТΧ	77662
Public Meeting Attendee	Captain David	Adrian	702 Carol	Ganado	ТΧ	77962
Public Meeting Attendee	Kyle	Albright	1428 Ball St.	Galveston	TX	77550
Public Meeting Attendee	Willie Ann	Aleman	3305 Avenue Q	Galveston	ΤX	77550
Public Meeting Attendee	Christopher	Allison	950 E. Basse Rd, 2nd Floor	San Antonio	ТΧ	78209
Public Meeting Attendee	Terry	Amzy	2519 Kings Court	Pasadena	ТΧ	77502
Public Meeting Attendee	Donald	Ancelet	723 Sierra Dr	Port Neches	ТΧ	77651
Public Meeting Attendee	Bill	Andel	12110 Cobbleston	Houston	ТΧ	77024
Public Meeting Attendee	Patrick	Anderson	107 E Resaca Dr.	Los Fresnos	ΤХ	78566
Public Meeting Attendee	Joseph	Anderson	1605 Whitaker Drive	Friendswood	TX	77546
Public Meeting Attendee	Montaya	Anderson	2507 Montrose Blvd.	Houston	TX	77006
Public Meeting Attendee	Donald	Anderson	732 Scerat	Port Neches	TX	77651
Public Meeting Attendee	Karen	Andrews	1615 W. Hwy 77	San Benito	TX	78584
Public Meeting Attendee	Rebecca	Andrews	18518 Barbuda Ln	Houston	TX	77058
Public Meeting Attendee	Chester	Andrews	194 Palm Drive	San Benito	TX	78584
Public Meeting Attendee	James	Andrews	P.O. BOX 16110	Galveston	TX	77552
Public Meeting Attendee	Michael	Andries	16 Largo	Hitchcock	TX	77563
Public Meeting Attendee	Judy	Andries	16 Largo	Hitchcock	TX	77563
Public Meeting Attendee	Jeff	Answorth	P.O. Box 2743	Crystal Beach	TX	77650
Public Meeting Attendee	Cynthia	Anthony	1618 Bay Meadows	Galveston	TX	77554
Public Meeting Attendee	Darrell A.	Apffer	104 Moody Ave	Galveston	TX	77550
Public Meeting Attendee	Mike	Arden	2302 Sydnor Ln	Galveston	TX	77554
· · · · · · · · · · · · · · · · · · ·	John Christopher (Chris)		616 Cox Dr.		TX	75062
Public Meeting Attendee	Ken	Arrington Arthur		Irving Houston	TX	77079
Public Meeting Attendee			14781 Memorial #148		TX	77650
Public Meeting Attendee	Karen	Aucoin	3404 Crystal Beach	Crystal Beach	AZ	85086
Public Meeting Attendee	Kerry	Aycock	26 W. Glavin St.	Phoenix		
Public Meeting Attendee	Rebecca	Ayers	104 Albacore Avenue	Galveston	TX	77550
Public Meeting Attendee	Nancy	Bachman	P.O. Box 2991	Gilchrist	TX	77617
Public Meeting Attendee	David	Badertscher	P.O. Box 3642	Galveston	TX	77552
Public Meeting Attendee	Mohamed A.	Bagha	1489 Silverado Drive	Houston	TX	77071
Public Meeting Attendee	Alita	Bagley	P.O. Box 2473	South Padre Island	TX	78597
Public Meeting Attendee	Michael	Baguio	502 Palm Blv.	Port Isabel	TX	78578
Public Meeting Attendee	Michael	Bailey	2915 Ball St #301	Galveston	TX	77551
Public Meeting Attendee	Cindy	Bailey	311 Bay St.	Austwell	TX	77950
Public Meeting Attendee	Sharon	Bailey-Lewis	7434 Lake Micala Dr.	Corpus Christi	ТХ	78413
Public Meeting Attendee	Karen	Bailor	3514 Manor Lake Lane	Spring	ТХ	77386
Public Meeting Attendee	Luther	Bakken	2401 Broadway Sute 200	Galveston	ТΧ	77550
Public Meeting Attendee	Rudy	Balciunas	1115 Trowbridge Dr.	Houston	ТΧ	77062
Public Meeting Attendee	Greg	Ball	5530 gull Drive	Galveston	ТΧ	77551
Public Meeting Attendee	ol	Ball	P.O. Box 244	High Island	ТΧ	77625
Public Meeting Attendee	John	Banhett	P.O. Box 1223	Kemah	ТΧ	77565
Public Meeting Attendee	John & Margaret	Bannon	603 Whitehurst Court	Katy	ТΧ	77450
Public Meeting Attendee	Clif	Barnhart	2 South Cedar Lawn Drive			77551
Public Meeting Attendee	Ricky	Barron	P.O. BOX 1432	Winnie	ТΧ	77665
Public Meeting Attendee	Sue	Bates	6385 Chasse Gardens	Orange	ТΧ	77632
Public Meeting Attendee	David	Beasley	119 Barracuda Ave	Galveston	ТΧ	77550
Public Meeting Attendee	Grady	Beasley	P.O. Box 645	Timpson	ТΧ	75975

BeckettBedellBeetonBeetonBeetonBelhadjaliBellBellBenavidesBenbelBentleyBentleyBentleyBentleyBergerBergerBergerBergerBerryBerryBevingtonBeyerBianoBibleBibleBiggsBillings	18         14         14         30         47         110         48         27         44         95         61         P.C         PO         34         47         P.C         17         43         81         38         38         45         11	314 Trail Bend         310 Shoreline Drive         316 Ball St.         316 Ball St.         317 Main Street Suite 2200         710 Hambler         300 E. Monroe St.         327 Austin Dr.         716 Bond Dr         311 Pebble Beach Drive         327 Austin Dr.         716 Bond Dr         311 Pebble Beach Drive         324 Vista Bella         314 Vista Bella Drive         33 West Saint Charles St         0. Box 277         30 Box 277         311 Creekside Dr.         712 Lake Rin Dr         0. Box 78         7534 Old Jefferson Hwy Suite D 1         312 Avenue O         323 Ave p 1/2         323 Ave p 1/2         323 Ave p 1/2         323 Woodrow Avenue         35 CR 6502	Se Ga Ba Se Br Ga Ga Ga Ga Br Po Po Po Po Po Co Po Co Co Co Co Co Co Co Co Co Co Co Co Co	issouri City abrook alveston alveston aton Rouge abrook ownsville alveston alveston alveston alveston ownsville ort O'Connor ort O'Connor ague City alveston ovr O'Connor alveston alveston alveston alveston alveston alveston alveston alveston alveston alveston alveston alveston alveston alveston	TX          TX          TX          TX	77459 77586 77550 70817 70817 78520 78520 78521 78741 77553 77554 77554 77554 77554 78520-6303 77982 77982 77982 77982 77982 77573 77550 77550 77550 77550 77550
BeetonBeetonBelhadjaliBellBenavidesBenbelBentelyBentleyBentleyBentleyBergBergBergerBergerBerryBerryBerryBeyerBeyerBianoBibleBibleBiggsBillings	14         30         47         110         48         27         44         95         95         61         P.C         PO         34         47         95         61         P.C         17         43         81         38         38         45         11	<ul> <li>H6 Ball St.</li> <li>H6 Ball St.</li> <li>Main Street Suite 2200</li> <li>Main Street Suite 2200</li> <li>Hambler</li> <li>O0 E. Monroe St.</li> <li>Bar Austin Dr.</li> <li>H6 Bond Dr</li> <li>H1 Pebble Beach Drive</li> <li>West Bella</li> <li>H4 Vista Bella Drive</li> <li>West Saint Charles St</li> <li>O. Box 277</li> <li>D Box 277</li> <li>H Creekside Dr.</li> <li>H2 Lake Rin Dr</li> <li>O. Box 78</li> <li>H2 Avenue O</li> <li>South Dr.</li> <li>South Dr.</li> <li>South Dr.</li> <li>Ave p 1/2</li> <li>Woodrow Avenue</li> </ul>	Ga Ga Ba Se Bru Ga Au Le Ga Ga Bru Po Po Po Po Po Po Bru Ga Ga Ga Ga Ga Ga	alveston alveston aton Rouge abrook ownsville alveston alveston alveston alveston ownsville ort O'Connor ort O'Connor ort O'Connor ague City ort O'Connor ague City vin gh Island airieville alveston eaumont alveston	TX          TX	77550 77550 70817 77598 78520 77551 78741 77573 77554 77554 77554 77554 77554 77982 77982 77982 77982 77982 77573 77573 77550 77550 77705 77550
BeetonBelhadjaliBellBenavidesBenbelBentleyBentleyBentleyBentleyBergBergBergerBergerBerryBerryBerryBeyerBeyerBibleBibleBibleBiggsBillings	14 30 47 5 110 48 27 44 95 95 61 95 61 P.C PO 90 34 47 P.C 17 43 81 38 38 38 38	<ul> <li>Part 16 Ball St.</li> <li>Part 16 Ball St.</li> <li>Part 16 Ball St.</li> <li>Part 16 Ball St.</li> <li>Part 17 Street Suite 2200</li> <li>Part 10 Hambler</li> <l< td=""><td>Ga Ba Se Bru Ga Au Le Ga Ga Bru Po Po Po Le Le Ca Bru Po Ga Ga Ga Ga</td><td>alveston aton Rouge abrook ownsville alveston ustin ague City alveston ownsville ort O'Connor ort O'Connor ague City vin gh Island airieville alveston eaumont alveston alveston</td><td>TX         LA         TX         TX    </td><td>77550 70817 77598 78520 77551 78741 77573 77554 77554 77554 78520-6303 77982 77982 77982 77573 77573 77511 77550 777550 777550 77550</td></l<></ul>	Ga Ba Se Bru Ga Au Le Ga Ga Bru Po Po Po Le Le Ca Bru Po Ga Ga Ga Ga	alveston aton Rouge abrook ownsville alveston ustin ague City alveston ownsville ort O'Connor ort O'Connor ague City vin gh Island airieville alveston eaumont alveston alveston	TX         LA         TX	77550 70817 77598 78520 77551 78741 77573 77554 77554 77554 78520-6303 77982 77982 77982 77573 77573 77511 77550 777550 777550 77550
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BenavidesBenbelBentchBentleyBentleyBentleyBergBergerBergerBergerBerryBerryBevingtonBeyerBeyerBianoBibleBibleBiggsBillings	111 48 27 44 95 95 61 P.C PO 34 47 P.C 17 43 81 38 38 38 38	100 E. Monroe St.327 Austin Dr.716 Bond Dr111 Pebble Beach Drive314 Vista Bella514 Vista Bella Drive13 West Saint Charles St0. Box 2770 Box 27711 Creekside Dr.712 Lake Rin Dr0. Box 787534 Old Jefferson Hwy Suite D 1812 Avenue O152 South Dr.823 Ave p 1/2823 Ave P1/2528 Woodrow Avenue	Bri Ga Au Le Ga Ga Bri Po Po Po Le Le Alv Hiu Pri Ga Be Ga Ga	ownsville alveston ustin ague City alveston alveston ownsville ort O'Connor ort O'Connor rague City vin gh Island airieville alveston eaumont alveston alveston	TX          TX	78520 77551 78741 77573 77554 77554 78520-6303 77982 77982 77982 77982 77573 77511 77550 77550 777550 77550
BenbelBentchBentleyBentleyBentleyBergBergBergerBergerBerryBerryBevingtonBeyerBeyerBianoBibleBibleBiggsBillings	48. 27 44 95 95 61. P.C PO 34 47 P.C 17 43 81. 38 38 38 45 11.	<ul> <li>Austin Dr.</li> <li>Austin Dr.</li> <li>Pebble Beach Drive</li> <li>Vista Bella</li> <li>Vista Bella Drive</li> <li>West Saint Charles St</li> <li>Box 277</li> <li>Box 277</li> <li>Creekside Dr.</li> <li>Creekside Dr.</li> <li>Cake Rin Dr</li> <li>Box 78</li> <li>Avenue O</li> <li>South Dr.</li> <li>South Dr.</li> <li>Avenue 1/2</li> <li>Ave P1/2</li> <li>Woodrow Avenue</li> </ul>	Ga Au Le Ga Ga Br Po Po Po Po Le Le Alv Hig Pro Ga Ga Ga	alveston ustin ague City alveston alveston ownsville ort O'Connor ort O'Connor ague City vin gh Island airieville alveston eaumont alveston alveston	TX	77551 78741 77573 77554 77554 78520-6303 77982 77982 77982 77573 77573 77573 77550 77550 77705 77550
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BentleyBentleyBentleyBergBergBergerBergerBerryBerryBevingtonBeyerBeyerBianoBibleBibleBibleBiggsBillings	95 61 P.C PO 34 47 P.C 17 43 81 38 38 38 45 11	514 Vista Bella 514 Vista Bella Drive 3 West Saint Charles St O. Box 277 D Box 277 11 Creekside Dr. 712 Lake Rin Dr O. Box 78 7534 Old Jefferson Hwy Suite D 1 812 Avenue O 152 South Dr. 823 Ave p 1/2 823 Ave P1/2 528 Woodrow Avenue	Le Ga Ga Bru Po Po Le Le Alv Hių Pra Ga Be Ga	ague City alveston alveston ownsville ort O'Connor ort O'Connor ague City vin gh Island airieville alveston eaumont alveston alveston	TX	77573 77554 77554 78520-6303 77982 77982 77573 77573 77550 77550 77550 77550
Bentley Berg Berger Berger Berry Berry Bevington Beyer Beyer Biano Bible Bible Bible Biggs Billings	95 61 P.C PO 34 47 P.C 17 43 81 38 38 38 45 11	514 Vista Bella 514 Vista Bella Drive 3 West Saint Charles St O. Box 277 D Box 277 11 Creekside Dr. 712 Lake Rin Dr O. Box 78 7534 Old Jefferson Hwy Suite D 1 812 Avenue O 152 South Dr. 823 Ave p 1/2 823 Ave P1/2 528 Woodrow Avenue	Ga Ga Bri Po Po Le Le Ali Hij Ga Be Ga Ga	alveston alveston ownsville ort O'Connor ort O'Connor ague City vin gh Island airieville alveston eaumont alveston alveston	TX	77554 77554 78520-6303 77982 77982 77573 77573 775511 77623 70769 77550 77705 77550
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Berger Berry Berry Bevington Beyer Beyer Biano Bible Bible Bible Biggs Billings	PO 34 47 P.C 17 43 81 38 38 38 45 11	D Box 277 A1 Creekside Dr. 712 Lake Rin Dr O. Box 78 7534 Old Jefferson Hwy Suite D 1 812 Avenue O 152 South Dr. 823 Ave p 1/2 823 Ave P1/2 528 Woodrow Avenue	Po Le Alv Hių Pra Ga Be Ga Ga	ort O'Connor ague City vin gh Island airieville alveston alveston alveston alveston	TX TX TX TX LA TX TX TX TX TX	77982 77573 77511 77623 70769 77550 77705 77550
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Bevington Beyer Beyer Biano Bible Bible Biggs Billings	P.C 17 43 81 38 38 45 11	O. Box 78 7534 Old Jefferson Hwy Suite D 1 812 Avenue O 52 South Dr. 823 Ave p 1/2 823 Ave P1/2 528 Woodrow Avenue	Hij Pra Ga Be Ga Ga	gh Island airieville alveston eaumont alveston alveston	TX LA TX TX TX TX TX	77623 70769 77550 77705 77550
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Bible Bible Biggs Billings	38 38 45 11	323 Ave p 1/2 323 Ave P1/2 528 Woodrow Avenue	Ga Ga	alveston alveston	TX TX	77550
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Billings	11		88		ТХ	77551
			W	est Dayton	ТХ	77535
Billings		L5 CR 6502 West		ayton	ТХ	77535
Bilnoski		206 Hardesty Avenue		abrook	TX	77586
Bilski		2608 W Ventura		alveston	ТХ	77554
Bilski		2608 W. Ventura		alveston	ТХ	77554
Bilski		310 Water Elm Way		ouston	TX	77059
Birdsong		314 Sydnor				77554
Bishop		24 Sealy Street	Ga	alveston	ТХ	77550
Bisso		06 Beach Dr.		Irfside Beach	ТХ	77541
Bjork		LO5 Barrymore Blvd		aytown	TX	77520
Blackerby		O.Box 2400		ystal Beach	TX	77650
Blackwell		O. Box 8855		acliff	ТХ	77518
Blirkett Phi		O.Box 594		ort Bolivar	TX	77650
	0,					77563
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Bosf Botello				•	TX	77510
Y	Blumenkit Bobrick Bollich y Bolls Bolstad Boney Bonnin Bonnot Booher Borreso Bosf	Blumenkitt84Bobrick41Bollich80yBolls25Bolstad22Boney72Bonnin12Bonnot69BooherP.Borreso22BosfP.Botello90	Blumenkitt8410 2nd StreetBobrick4155 Pine Crest TrailBollich805 N. FM 1724yBolls2594 Tide Road #1216Bolstad2216 Padre Blvd. #37Boney7211 Spanish GrantBonnin1210 SkipperBonnot6919 Portwest DriveBooherP.O. Box 2744BosfP.O. Box 3491	Blumenkitt8410 2nd StreetHiBobrick4155 Pine Crest TrailHoBollich805 N. FM 1724HayBolls2594 Tide Road #1216CrBolstad2216 Padre Blvd. #37ScBoney7211 Spanish GrantGaBonnot6919 Portwest DriveHoBooherP.O. Box 2744PcBorreso2210 Marlen AvePaBosfP.O. Box 3491CcBotello9020 Jamaica BeachGaBoundsP.O. Box 2218Cr	Blumenkitt8410 2nd StreetHitchcockBobrick4155 Pine Crest TrailHoustonBollich805 N. FM 1724HankemeryBolls2594 Tide Road #1216Crystal BeachBolstad2216 Padre Blvd. #37South Padre IslandBoney7211 Spanish GrantGalvestonBonnin1210 SkipperGalvestonBonnot6919 Portwest DriveHoustonBooherP.O. Box 2744Port BolivarBorreso2210 Marlen AvePasadenaBosfP.O. Box 3491Corpus ChristiBotello9020 Jamaica BeachGalveston	Blumenkitt8410 2nd StreetHitchcockTXBobrick4155 Pine Crest TrailHoustonTXBollich805 N. FM 1724HankemerTXyBolls2594 Tide Road #1216Crystal BeachTXBolsad2216 Padre Blvd. #37South Padre IslandTXBoney7211 Spanish GrantGalvestonTXBonnin1210 SkipperGalvestonTXBonnot6919 Portwest DriveHoustonTXBooherP.O. Box 2744Port BolivarTXBosfP.O. Box 3491Corpus ChristiTXBotello9020 Jamaica BeachGalvestonTXBoundsP.O. Box 2218Crystal BeachTX

Stakeholder Category	First Name	Last Name	Mailing Address	City	State	Zip
Public Meeting Attendee	Eden	Box	6501 Bayou Front Druve	Galveston	ТΧ	77551
Public Meeting Attendee	Terry	Boyd	5397 FM 344E	Tyler	ТΧ	75703
Public Meeting Attendee	Mark	Boyt	P.O. Box 90127	Austin	ТΧ	78709
Public Meeting Attendee	Pate	Braccio	1868 Dolphin Drive	Seabrook	ТΧ	77586
Public Meeting Attendee	Larry	Braden	114 24th Street	San Leon	ТΧ	77539
Public Meeting Attendee	Robert	Bradshaw	14607 Cardinal Creek	Houston	ΤX	77062
Public Meeting Attendee	DJ	Branch	150 Hilda	Lumberton	ТΧ	77657
Public Meeting Attendee	Susan	Brandon	P.O. Box 2467	Port Bolivar	ТΧ	77650
Public Meeting Attendee	Christopher	Branton	3811 Shiloh Park Ct	Friendswood	ТΧ	77020
Public Meeting Attendee	Clayton	Brashear	P.O. Box 2344	South Padre Island	ТΧ	78597
Public Meeting Attendee	Hubert	Brasseaux	13406 Spruce Hollow Court	Houston	ТΧ	77059
Public Meeting Attendee	Shirley S.	Brasseaux	314 Willow Vista Dr	El Lago	ТΧ	77586
Public Meeting Attendee	James	Bremer	4909 Wharton	Galveston	Tx	77551
Public Meeting Attendee	David	Bridgwater	8302 Seawall Blvd. # 2	Galveston	TX	77554
Public Meeting Attendee	Gerald	Brones	P.O. Box 2898	Gilchrist	TX	77617
Public Meeting Attendee	Bill	Broussard	3310 Eckert Dr.	Galveston	TX	77554
Public Meeting Attendee	Bill	Broussard	3310 Eckert Drive	Galveston	TX	77554
Public Meeting Attendee	Bob	Brown	1027 Sealy St.	Galveston	TX	77550
Public Meeting Attendee	Allison R.	Brown	1027 Sealy Street	Galveston	TX	77550
Public Meeting Attendee	Allison	Brown	1028 Sealy St.	Galveston	TX	77550
Public Meeting Attendee	Linda	Brown	11839 Longleaf	Houston	TX	77024
Public Meeting Attendee	Lanie	Brown	12015 Childers Road	Orange	TX	77630
Public Meeting Attendee	Nancy	Brown	1746 Ebony Lane	Houston	ТХ	77018
Public Meeting Attendee	chris	Brown	2008 Airline Rd 1011	Corpus Christi	TX	78412
Public Meeting Attendee	Craig	Brown	2019 Ave N 1/2	Galveston	TX	77550
Public Meeting Attendee	Daniel	Brown	2407 Little Cedar Dr.	Kingwood	TX	77339
	Gretchen	Brown	2528 Avenue N	Galveston	TX	77550
Public Meeting Attendee					TX	77007
Public Meeting Attendee	Dan Authority	Brown	6412 Durford St.	Houston	-	
Public Meeting Attendee	Anthony	Brown	P.O. Box 629	Galveston	TX	77553
Public Meeting Attendee	Annette	Brownfield	P.O. Box 188	Crystal Beach	TX	77650
Public Meeting Attendee	Joe	Bryan	2117 Jeridona Street	La Marque	TX	77568
Public Meeting Attendee	Laura	Bryan	P.O. Box 2723	Crystal Beach	TX	77650
Public Meeting Attendee	Ellen	Buchanan	P.O. BOX 1489		TX	77625
Public Meeting Attendee	Devon	Buffington	4009 11 mile Road	Galveston	TX	77554
Public Meeting Attendee	Eugene	Bullacher		Galveston	ТΧ	77556
Public Meeting Attendee	Rodney	Bullock	P.O. BOX 16893	Galveston	ТΧ	77552
Public Meeting Attendee	Don Paul	Bunnell	1101 N. Benavides St.	Port Lavaca	ТΧ	77979
Public Meeting Attendee	David H.	Burkett	P.O. Box 594	Port Bolivar	ТΧ	77650
Public Meeting Attendee	Winifred	Burkett	P.O.Box 594	Port Bolivar	ТΧ	77650
Public Meeting Attendee	Ray	Burnett	2364 CR 2305 Souh	Cleveland	ТΧ	77327
Public Meeting Attendee	Caorlyn	Burnett	P.O. Box 835	Galveston	ТΧ	77553
Public Meeting Attendee	Laura	Burns	2009 Avenue M	Galveston	ТΧ	77550
Public Meeting Attendee	Donald	Burns	P.O.Nox 1556	League City	ТΧ	77574
Public Meeting Attendee	Ronald	Bush	P.O.Box 581	Porter	ТΧ	77365
Public Meeting Attendee	Roxanne	Butler	1438 Lotus	Galveston	ТΧ	77554
Public Meeting Attendee	James	Butts	5111 0 1/2	Galveston	ТΧ	77551
Public Meeting Attendee	Brandon	Byler	P.O. Box 429	Edna	ТΧ	77957
Public Meeting Attendee	Stephen	Byrnes	2621 Orleans Drive	Seabrook	ТΧ	77586
Public Meeting Attendee	Hector	Cadine	5323 Redell	Baytown	ТΧ	77521
Public Meeting Attendee	Nick	Cadle	106 Taylorcrest	Victoria	ТΧ	77905
Public Meeting Attendee	Martin	Caligoive	5300 Campbell St	Houston	ТΧ	77026
Public Meeting Attendee	Lyod	Callahan	1910 S. 1st	Lufkin	ТΧ	75901
Fublic Meeting Attenuee						

Stakeholder Category	First Name	Last Name	Mailing Address	City	State	Zip
Public Meeting Attendee	Tracie	Camp	P.O. Box 1306	Crystal Beach	ТΧ	77650
Public Meeting Attendee	James	Camp	P.O. Box 1306	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Larry	Campbell	14 Rambling Wood Ct.	Friendswood	ТΧ	77384
Public Meeting Attendee	Tricia	Campbell	2319 103rd Street	Galveston	ТΧ	77554
Public Meeting Attendee	Richard	Campbell	5523 Cheltenhan	Houston	ТΧ	77096
Public Meeting Attendee	Val & Angie	Campione	1210 Blueberry Lane	Friendswood	ТΧ	77546
Public Meeting Attendee	Кірру	Camwiy	13327 Fairfield Dr.	Houston	ТΧ	77059
Public Meeting Attendee	Mary	Canales CMO	P.O. Box 147	Austwell	ТΧ	77950
Public Meeting Attendee	Iris	Cantu	118 Creepe Myrtle	Brownsville	ТΧ	78520
Public Meeting Attendee	Iris	Cantu	1390 W. Expressway 83	San Benito	ТΧ	78586
Public Meeting Attendee	Rodrigo	Cantu	1415 Fannin Street	Houston	ТΧ	77001
Public Meeting Attendee	Rodnigo	Cantu	500 Jefferson P.O.Box 398	Houston	ТХ	77001
Public Meeting Attendee	Terry	Card	2201 Grover Avenue	Galveston	ТХ	77551
Public Meeting Attendee	Debbie	Carlisle	450 Walnut Ridge	Houston	ТХ	77002
Public Meeting Attendee	Ben	Carmine	21 Marathon	Hitchcock	ТХ	77563
Public Meeting Attendee	Helen	Carr	RR4 Box 225B16	Galveston	ТХ	77554
Public Meeting Attendee	Marry	Carrier	3702 Avenue Q	Galveston	TX	77550
Public Meeting Attendee	William	Carter	203 Ivy Ave	Deer Park	TX	77536
Public Meeting Attendee	Debora	Cary	P.O. Box 2567	Crystal Beach	TX	77650
Public Meeting Attendee	Barney	Cases	P.O. Box 2994	Gilchrist	TX	77617
Public Meeting Attendee	Diana	Casey	2201 48th St #4	Galveston	TX	77551
Public Meeting Attendee	Bonnie	Castille	P.O. Box 1522	Crystal Beach	TX	77650
Public Meeting Attendee	Mary	Castillo	P.O.Box 927	Hitchcock	TX	77563
Public Meeting Attendee	Marie	Castro	104 McDavitt Blvd	Brownsville	TX	78521
Public Meeting Attendee	Andrea	Catanzaro	10210 Hall St.	Galveston	TX	77554
Public Meeting Attendee	James (T.C.)	Chadden	1718 Arlington Dr.	Corpus Christi	TX	78415
Public Meeting Attendee	James T.C.	Chadden	1718 Arlington Drive	Corpus Christi	TX	78415
Public Meeting Attendee	Sandra	Chambers	21802 Giant Hickory	Magnolia	TX	77355
Public Meeting Attendee	Teetsie	Champagne	P.O.Box 1093	Crystal Beach	TX	77650
Public Meeting Attendee	Joe	Chapman	P.O. Box 1361	Crystal Beach	TX	77650
	Bambi	Chapman	P.O. Box 1363	Crystal Beach	TX	77650
Public Meeting Attendee Public Meeting Attendee		Chapman			TX	77650
	Suzy Peter	Chase	P.O. Box 2050	Crystal Beach Lakeway	TX	78734
Public Meeting Attendee			103 Peterson Ct.		-	
Public Meeting Attendee	Niesee	Cheamie	P.O. Box 2199	Crystal Beach	TX TX	77650 77062
Public Meeting Attendee	Mary Alys	Cherry	939 Buoy Road	Houston		
Public Meeting Attendee	Randy	Chinn	P.O. Box 57268	Webster	TX	77598
Public Meeting Attendee	Randy	Chinn	P.O.Box 57268	Webster	TX	77598
Public Meeting Attendee	Root	Choyce	3420 Avenue R	Galveston	TX	77550
Public Meeting Attendee	Alison	Christensen	5006 Sherman Blvd	Galveston	TX	77551
Public Meeting Attendee	Richard J.	Christie	1026 91st St	Galveston	TX	77554
Public Meeting Attendee	Carol J.	Christie	1026 91st Street	Galveston	TX	77554
Public Meeting Attendee	Cecilia	Christopher	6710 Marshall Place Dr.	Beaumont	TX	77706
Public Meeting Attendee	Marelou	Cisneros	P.O. Box 2192	Crystal Beach	TX	77650
Public Meeting Attendee	Myra	Cisneros	P.O. Box 2197	Crystal Beach	TX	77650
Public Meeting Attendee	Ken	Clark	174 Calder Road	League City	TX	77523
Public Meeting Attendee	Mike	Clarke	7141 Spanish Grant	Galveston	TX	77554
Public Meeting Attendee	Ronnie	Clarkston	P.O. Box 325	Frankston	TX	75763
Public Meeting Attendee	Phyllis	Clary	RR 4 PO Box 185X 15a	Galveston	TX	77554
Public Meeting Attendee	Bill	Clement	102 Rainbow Drive #181	Livingston	ТΧ	77399
Public Meeting Attendee	Bill	Clement	7515 Beaudelaire St.	Galveston	ΤX	77551
Public Meeting Attendee	Leslie	Clift	7001 Williams Drive	Galveston	TX	77551
Public Meeting Attendee	Chris	Clodfelter	722 Pine Road	Clear Lake Shores	ΤX	77565
Public Meeting Attendee	Reagan	Clotiaux	119 CR 185	Jasper	ТΧ	75951

Stakeholder Category	First Name	Last Name	Mailing Address	City	State	Zip
Public Meeting Attendee	Katie	Coghlan	P.O. Box 1045	Crystal Beach	ΤX	77650
Public Meeting Attendee	Carlis	Cole	P.O. Box 2087	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Janet	Coleman	610 Whitecap Drive	El Lago	ТΧ	77586
Public Meeting Attendee	Michael	Collins	4038 Palmetto Court	Dickinson	ТΧ	77539
Public Meeting Attendee	Georganna	Collins	7530 Haywood Dr	Houston	ТΧ	77061
Public Meeting Attendee	William	Comeaux	P.O. Box 2005	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Malcolm M.	Comeaux	P.O. Box533	Port Bolivar	ТΧ	77650
Public Meeting Attendee	Leonne	Comeaux	P.O.Box 533	Port Bolivar	ТΧ	77650
Public Meeting Attendee	Teresa	Conley	11426 FM 3226	Arp	ТΧ	75750
Public Meeting Attendee	Richard J.	Conner	2420 Winnie St.	Galveston	ΤX	77550
Public Meeting Attendee	Wayne	Conner	340 West Chance	Lumbenton	ТΧ	77657
Public Meeting Attendee	Wayne	Conner	340 West Chanver	Lumberton	ТΧ	77657
Public Meeting Attendee	Theresa	Cook	11205 Cole Drive	Beaumont	ΤX	77705
Public Meeting Attendee	Michelle A.	Cook	1313 Walnut Bend	Lufkin	ТΧ	75904
Public Meeting Attendee	Meghan	Cook	310 W. Republic Ave	Baytown	ТΧ	77520
Public Meeting Attendee	Jacquelyn	Cook	P.O. Box 1484	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Diane	Cooper	3303 Woodland View Dr.	Kingwood	ТΧ	77345
Public Meeting Attendee	Tim	Cooper	P.O. BOX 278	Anahuac	ТΧ	77514
Public Meeting Attendee	Jeff	Copeland	2204 Northstone Lane	Friendswood	TX	77546
Public Meeting Attendee	Keren	Costanzo	1201 Leopard St.	Corpus Christi	ΤХ	78410
Public Meeting Attendee	Teresa	Coultharc	4402 Wigton	Houston	ТΧ	77096
Public Meeting Attendee	Emily	Сох	17815 Kings Park Ln #582	Houston	ТΧ	77058
Public Meeting Attendee	Colin	Сох	P.O .BOX 398	Houston	ТХ	77001
Public Meeting Attendee	Mark W	Coyle	2807 Kisbah Ct	Galveston	ТХ	77554
Public Meeting Attendee	Gerald	Craanen	5410 Rollingbrook Lane	Beaumont	ТХ	77706
Public Meeting Attendee	Michael	Craig	2409 Elviata	Baytown	TX	77520
Public Meeting Attendee	Harry	Craig	839 Merridel	Houston	TX	77024
Public Meeting Attendee	JoAnn	Crenshaw	2903 Holly Green Dr.	Kingwood	ТХ	77339
Public Meeting Attendee	Donell	Crenshaw	306 Lafayette Lane	League City	TX	77573
Public Meeting Attendee	Pam	Crenshaw	P.O. Box 1885	Crystal Beach	ТХ	77650
Public Meeting Attendee	John	Crenshaw	P.O. Box 1885	Crystal Beach	ТХ	77650
Public Meeting Attendee	Tom	Crowley	114 East Venus Lane	Sout Padre Island	TX	78597
Public Meeting Attendee	Marie	Daban	4217 Avenue T 1/2	Galveston	ТХ	77550
Public Meeting Attendee	Cheri	Daigle	7010 Yucca Drive	Galveston	TX	77551
Public Meeting Attendee	Ron	Dailey	2010 Whila Way	Algoa	ТХ	77511
Public Meeting Attendee	Eva-Jean	Dalton	P.O. Box 2388	South Padre Island	TX	78597
Public Meeting Attendee	William & Margaret	Dannenmaier	3326 Avenue O	Galveston	TX	77550
Public Meeting Attendee	Jacque	Darbunne	3100 Federal Road	Houston	TX	77015
Public Meeting Attendee	Jerry & Leanne	Daum	P.O. BOX 308	Dickinson	TX	77539
Public Meeting Attendee	Pareshkumar	Dave	P.O. Box 1298	Crystal Beach	TX	77650
Public Meeting Attendee	Constance	Davis		Galveston	TX	77554
Public Meeting Attendee	Marvin	Davis	11947 FM San Luis Pass Rd # 607 12876 Royal Hill Court		TX	77316
Public Meeting Attendee	Jordan P.	Davis	3101 Nasa Pkwy Suite H	Montgomery Seabrook	TX	77586
Public Meeting Attendee	Carol K.		402 Avenue L	Dickinson	TX	77539
		Dean			TX	77089
Public Meeting Attendee	Ricky Donna	Deel	11418 Woodviolet Drive	Houston Galveston	TX	77550
Public Meeting Attendee		Dees	527 21st St #75			
Public Meeting Attendee	John	DeFrancesco	1070 Misty Cliff Dr.	Dickinson	TX	77539
Public Meeting Attendee	Roy	Deglesen	2910 Heron Drive	Galveston	TX	77551
Public Meeting Attendee	Alexandria	Dehoyos	2306 Columbia Circ	League City	TX	77573
Public Meeting Attendee	RJ	Delange	2115 25th Street	Galveston	TX	77550
Public Meeting Attendee	Sarah	Delavan	P.O.Box 16133	Galveston	TX	77552
Public Meeting Attendee	Amy	Dellinger	P.O. Box 2646	Crystal Beach	TX	77650
Public Meeting Attendee	Kim	DeMasters	P.O. Box 1768	Crystal Beach	TX	77650

Stakeholder Category	First Name	Last Name	Mailing Address	City	State	Zip
Public Meeting Attendee	Thomas	Denes	4530 Everett	Kensington	MD	20895
Public Meeting Attendee	Robert	Dennett	745 Beachtown Passage	Galveston	ΤХ	77550
Public Meeting Attendee	Raymond	Derderian	1648 Weston Court	Beaumont	ТΧ	77706
Public Meeting Attendee	Carrie A.	Derkowski	702 N. Holiday Dr #1	Galveston	ТΧ	77550
Public Meeting Attendee	Mark	DeSantis	215 Serene Hilltop Circle	Lakeway	ΤХ	75735
Public Meeting Attendee	Bipin	Deseli	P.O. Box 1995	Crystal Beach	ΤХ	77650
Public Meeting Attendee	Tom	DeVane	1401 103rd Street	Galveston	ΤХ	77554
Public Meeting Attendee	Steve	Devillier	2611 Dellivier Rd	Winnie	ТХ	77665
Public Meeting Attendee	David	Devore	4554 Tolivar Canal Rd.	Beaumont	ТХ	77715
Public Meeting Attendee	Pamela	Devore	4554 Tolivar Canal Rd.	Beaumont	ТХ	77715
Public Meeting Attendee	Thomas E.	Diegelman	2554 AcadianaLane	Seabrook	ТХ	77586
Public Meeting Attendee	Kristian	Dietel	210 21st Street South	Texas City	ТХ	77590
Public Meeting Attendee	William	Dilibero	202 N. Virginia	Port Lavaca	TX	77979
Public Meeting Attendee	Amy	Dinn	P.O. BOX 398	Houston	TX	77001
Public Meeting Attendee	Tharmen	Dira	2101 Ann Marie Ln	Galveston	TX	77551
Public Meeting Attendee	Diedra	Dittmar	1702 Hunters Cove	Friendswood	TX	77546
Public Meeting Attendee	Carol & Ray	Dodge	4114 Oleander Drive	Galveston	TX	77554
Public Meeting Attendee	Tim	Doerbaum	1020 Jasper Dr.	Killeen	TX	76542
Public Meeting Attendee	Linda	Dolfi	P.O. Box 885	Port Bolivar	TX	77650
Public Meeting Attendee	Brenda	Donaloio	2202 Avenue P	Galveston	TX	77550
Public Meeting Attendee	John	Dougan	1009 Royal Oak Drive	Dickinson	TX	77539
Public Meeting Attendee	Jeff	Douglas	1180 VZ CR 4609	Ben Wheeler	TX	75754
Public Meeting Attendee	Sara	Douglas	1180 VZ CR 4609	Ben Wheeler	TX	75754
Public Meeting Attendee	Clay	Dreith	7700 Seawall Blvd. #PH5	Galveston	TX	77551
Public Meeting Attendee	Linda	Dreith	7700 Seawall Blvd. #PH5	Galveston	TX	77551
		Dubbin	505 Lucerne Ct		NM	88005
Public Meeting Attendee	Margaret			Las Cruces		77650
Public Meeting Attendee	Pamela	Dufresno	P.O. Box 1977	Crystal Beach	TX	
Public Meeting Attendee	Brenda	Duhon	3120 Labrador Ln.	Port Neches	TX	77651
Public Meeting Attendee	Mary	Duke	6735 Highdere Manor Ln.	Houston	TX	77055
Public Meeting Attendee	Patrick	Dunkel	416 S Virginia St.	La Porte	TX	77571
Public Meeting Attendee	Marcel	Duronslet	P.O. Box 852	Bacliff	TX	77518
Public Meeting Attendee	David	Eade	4051 Pirayes Beach	Galveston	TX	77554
Public Meeting Attendee	John	Eakel	6500 Bayou Front Druve	Galveston	TX	77551
Public Meeting Attendee	Paul	Earnhart	P.O. Box 3226	South Padre Island	ТХ	78597
Public Meeting Attendee	Jack	Easterday	1620 Avenue L	Galveston	ТХ	77550
Public Meeting Attendee	Gary	Ebdon	202 Blue Point	Clear Lake Shores	ТХ	77565
Public Meeting Attendee	Seawillow	Edwards	261 E. Circuit Dr.	Beaumont	ТХ	77706
Public Meeting Attendee	Rick & Beckie	Elder	P.O. BOX 58	La Porte	ТХ	77572
Public Meeting Attendee	Linda	Elissalde	P.O. Box 1982	Crystal Beach	ТХ	77650
Public Meeting Attendee	Marcel	Elissalde	P.O. Box 1982	Crystal Beach	ТХ	77650
Public Meeting Attendee	Theresa	Elliot	7175 Spanish Grant Dr.	Galveston	ТХ	77554
Public Meeting Attendee	Riley	Elliott	9 Hillshire Oaks Court	Houston	ТХ	77055
Public Meeting Attendee	Tom	Emmert	3103 Bent Sail Ct.	League City	ТХ	77573
Public Meeting Attendee	Jonathan	Emmons	118 Lazywood Lane	Seabrook	ТХ	77586
Public Meeting Attendee	Loretta	Emmons	555 S Bayside Dr	Anahuac	ТΧ	77514
Public Meeting Attendee	Doug	Ender	RR4 Box225E5	Galveston	ТΧ	77554
Public Meeting Attendee	Lars	Erickson	1334 Brittmoore Road Ste 2406	Houston	ТΧ	77043
Public Meeting Attendee	James	Erwin	9806 Sage Royal	Houston	ТΧ	77089
Public Meeting Attendee	Karen	Erwin	9806 Sage Royal	Houston	ТΧ	77089
Public Meeting Attendee	Rita	Escher	RR4 Box 22S511	Galveston	ТΧ	77554
Public Meeting Attendee	Robert	Esenwein	21806 Musket Run	Hockley	ТХ	77447
Public Meeting Attendee	Katrina	Evenhouse	306 Benson Road	Dickinson	ΤХ	77539
able meeting Attendee						

Stakeholder Category	First Name	Last Name	Mailing Address	City	State	Zip
Public Meeting Attendee	Penny	Everitt	P.O.Box 914	Kilgore	ΤX	75663
Public Meeting Attendee	Becky	Fancher	P.O. BOX 453	Anuhuac	ТΧ	77514
Public Meeting Attendee	Jason	Farmer	9613 Teichman Road	Galveston	TX	77554
Public Meeting Attendee	Sam	Farrell	34 N. Flamingo St	La Marque	TX	77568
Public Meeting Attendee	Sam	Farrell	34 North Flamingo Street	La Marque	ΤX	77568
Public Meeting Attendee	Rhonda	Farris	218 Magnolia # 10	Winnie	TX	77665
Public Meeting Attendee	Thad	Felton	P.O. Box 1513	Crystal Beach	TX	77650
Public Meeting Attendee	Susan	Fennewald	3408 Ave R 1/2	Galveston	TX	77550
Public Meeting Attendee	Heidi	Fenoglio	600 Nottingham Lane	Dickinson	ТΧ	77539
Public Meeting Attendee	Charles & Heidi	Fenognio	600 Nottingham			77539
Public Meeting Attendee	Amanda	Fenwick	506 East Shore Drive	Clear Lake Shores	TX	77565
Public Meeting Attendee	Jay	Fenwick	506 Eastshore	Kemah	TX	77565
Public Meeting Attendee	Beverly	Ferguson	203 Ivy Ave Suite 600	Deer Park	ТХ	77536
Public Meeting Attendee	Bill	Ferrary	18707 Arcaro Glen Court	Humble	ТΧ	77346
Public Meeting Attendee	Gerald	Feuling	16916 CR 831	Pearland	ТΧ	77584
Public Meeting Attendee	Mike	Fewell	4501 Canyon Crest	League City	ΤХ	77573
Public Meeting Attendee	Lisa	Fillmore	20723 Appaloosa Trail	Crosby	ТХ	77532
Public Meeting Attendee	Stephen	Fillmore	20723 Appaloosa Trail	Crosby	TX	77532
Public Meeting Attendee	GL	Finch	P.O. BOX 12	Stowell	ТΧ	77661
Public Meeting Attendee	Cathy	Fincher	P.O. Box 2547	Crystal Beach	ТХ	77650
Public Meeting Attendee	Cathy	Fincher	P.O.Box 2547	Crystal Beach	TX	77650
Public Meeting Attendee	Shirlyn	Findlay	P.O. Box 2591	Crystal Beach	TX	77650
Public Meeting Attendee	Madison	Fink	2219 Greenshouse Rd Apt 2345	Houston	ТХ	77084
Public Meeting Attendee	Lisa	Finn	8022 Pruitt Dr.	Galveston	TX	77554
Public Meeting Attendee	Robb	Fishman	2618 Woodsboro Dr.	Spring	ТХ	77388
Public Meeting Attendee	Gene	Fisseler	15906 Turtle Bay	Houston	TX	77062
Public Meeting Attendee	Corena	Fitzgerald	P.O. BOX 1224	Anahuac	TX	77514
Public Meeting Attendee	Tyler	Fitzgerald	P.O. BOX 1224	Anuhuac	TX	77514
Public Meeting Attendee	Brenda	Flanagan	P.O. Box 2541/984 S. Sage	Crystal Beach	TX	77650
Public Meeting Attendee	Wayne	Fletcher	P.O. BOX 203	High Island	TX	77623
Public Meeting Attendee	Donna	Foley	4252 Pirates Beach	Galveston	TX	77554
Public Meeting Attendee	Steve	Follga	4809 Woodrow Ave.	Galveston	TX	77551
Public Meeting Attendee	Jason	Foltyn	15923 Heatherdale Drive	Houston	TX	77059
Public Meeting Attendee	Rob	Foltz	1038 Villa Court Dr.	Seabrook	TX	77586
Public Meeting Attendee	Yvonne	Foltz	1038 Villa Court Dr.	Seabrook	TX	77586
Public Meeting Attendee	Sherrie	Fontenot	4506 Lowerby Lane	Sugarland	TX	77479
Public Meeting Attendee	Stephen	Fontenot	4506 Lowerby Lane	Sugarland	TX	77479
Public Meeting Attendee	Elizabeth	Fontenot	P.O. BOX 2163	Winnie	TX	77665
Public Meeting Attendee	Pat	Forman	10554 Timberidge Dr.	Crystal Beach	TX	77845
Public Meeting Attendee	Glenn	Forman	P.O. Box 3369	Galveston	TX	77552
Public Meeting Attendee	Jill			Victoria	TX	77901
Public Meeting Attendee	Joel	Fox Foxworth	So. District Office, 5606 N. Navarro # 300 P.O. Box 12711	Beaumont	TX	77726
Public Meeting Attendee				Morgans Point		77571
Public Meeting Attendee	Paul Moody	Francis	95 Bay ridge rd P.O.Box 1013	9	TX TX	77650
v		Fredenburg		Crystal Beach Galveston		77553
Public Meeting Attendee	Bryan	French	P.O.Box 1065		TX	77650
Public Meeting Attendee	Mike	Frevert	P.O. Box 1977	Crystal Beach	TX	
Public Meeting Attendee	Carl	Frey	11218 Desert Springs Cl	Houston	TX	77095
Public Meeting Attendee	Joanna	Friesen	6410 N. Haywood	Houston	TX	77061
Public Meeting Attendee	Emily	Frith	2652 Seashore Dr	Seabrook	TX	77586
Public Meeting Attendee	Ford S.	Frost	2930 Revere St,Suite 300	Houston	TX	77098
Public Meeting Attendee	George	Fshea, Jr.	523 Whitecap Dr.	El Lago	TX	77586-5818
Public Meeting Attendee	Kathy	Fuqua	4948 Saxon Circle	Orange	TX	77632
Public Meeting Attendee	Rebecca	Fussell	303 N 33rd St	Nederland	ТХ	77627

Stakeholder Category	First Name	Last Name	Mailing Address	City	State	Zip
Public Meeting Attendee	Rebecca	Fussell	303 N 33rd St.	Nederland	ТΧ	77627
Public Meeting Attendee	Joel	Gallagner	4315 Sheraian Blvd	Galveston	ТΧ	77550
Public Meeting Attendee	Charles J.	Galyear	1700 First Street	Seabrook	ТΧ	77556
Public Meeting Attendee	David	Garcia	1100 E. Monroe St.	Brownsville	ТΧ	78520
Public Meeting Attendee	Joseph	Garcia	901 Temple Drive	Hitchcock	ТΧ	77563
Public Meeting Attendee	Gabriel	Garcia Jr	3310 Space Center Blvd #229	Pasadena	ТΧ	77505
Public Meeting Attendee	Danny	Gardner	423 Hagemeier	Winnie	ТΧ	77665
Public Meeting Attendee	Kathleen	Garland	1606 Newcome Way	Houston	ТΧ	77058
Public Meeting Attendee	David A.	Garza	23933 Long Lane	San Benito	TX	78586
Public Meeting Attendee	Hollis	Gassen	P.O. Box 2486	Crystal Beach	TX	77650
Public Meeting Attendee	Cornelius	Geary	11510 Homcighaus Road	Galveston	TX	77554
Public Meeting Attendee	Carey	Gelpi	P.O. BOX 78	High Island	ТΧ	77623
Public Meeting Attendee	Dacia	George	1311 Ben Mar Ocerlook	Baytown	ТΧ	77523
Public Meeting Attendee	Ed	George	1311 Ben Mar Ocerlook	Baytown	ТΧ	77523
Public Meeting Attendee	Sam	Giardina	P.O.Box 265	Port Bolivar	ТΧ	77650
Public Meeting Attendee	James	Gibeaut	410 Southern Street	Corpus Christi	ТΧ	78404
Public Meeting Attendee	Dawn	Gibler	3663 Nasa Pkwy Apt 609	Seabrook	TX	77586
Public Meeting Attendee	James	Gibson	P.O. BOX 1841	Winnie	TX	77665
Public Meeting Attendee	Tammie	Gilfillian	P.O. BOX 1	Stowell	ΤХ	77661
Public Meeting Attendee	Robert	Glover	3018 0 1/2	Galveston	ТХ	77558
Public Meeting Attendee	Bruce & Judy	Glover	339 Admiral Circle	Tiki Island	TX	77554
Public Meeting Attendee	Edna	Goette	622 1st street	Port Isabel	TX	78578
Public Meeting Attendee	Raul	Gomez	1390 W. Expressway 83	San Benito	TX	78586
Public Meeting Attendee	Casey	Gomez	1523 West 2nd St	Freeport	ТХ	77541
Public Meeting Attendee	Antoinette	Gonzales	2810 Oleander	Groves	TX	77619
Public Meeting Attendee	Michelle	Gordman	1023 Commodore Dr.	Galveston	TX	77554
Public Meeting Attendee	Lisa	Gossett	5238 Birdwood	Houston	TX	77096
Public Meeting Attendee	Rod	Graci	110 Holly Oak Ct.	Victoria	TX	77901
Public Meeting Attendee	Terry	Gray	P.O. Box 24831	Crystal Beach	TX	77650
Public Meeting Attendee	William and Nancy	Greaff	P.O. Box 1920	Crystal Beach	TX	77650
Public Meeting Attendee	Virginia	Greb	2017 Avenue M 1/2	Galveston	TX	77550
Public Meeting Attendee	Leanne	Green	5351 Jamaica Beach	Galveston	TX	77554
Public Meeting Attendee	Rhonda	Gregg Hirsch	2608 Syndor	Galveston	TX	77554
Public Meeting Attendee	James	Grissom	P.O. Box 2401	Crystal Beach	TX	77650
Public Meeting Attendee	Sue	Groff	409 Crescent Drive		TX	77611
Public Meeting Attendee	Danielle	Gruenewald	3535 Nasa Pkwy Apt 9	Bridge City Seabrook	TX	77586
	Susan	Guthrie	132 E CONSTELLATION DR	South Padre Island	TX	78597
Public Meeting Attendee Public Meeting Attendee		Guthrie	4601 Padre Blvd.	South Padre Island	TX	78597
	Susan	Guzman Jr.			TX	77011
Public Meeting Attendee	Raymond		3611 Ave Q	Houston		
Public Meeting Attendee	Martin	Hague	207 Redfish Dr.	Freeport	TX	77541
Public Meeting Attendee	Sandra	Haire	12527 W. Ventura	Galveston	TX	77554
Public Meeting Attendee	Jack	Haire	357 Milner Rd	Livingston	TX	77351
Public Meeting Attendee	Deb	Hale	18610 Cape Charles Lane	Nassau Bay	TX	77058
Public Meeting Attendee	Julie	Hall	114 5th Street	San Leon	TX	77539
Public Meeting Attendee	Tom	Hall	1810 22nd St.	Galveston	TX	77550
Public Meeting Attendee	Alan	Hall	215 E Garfield Street	La Porte	TX	77571
Public Meeting Attendee	Nia	Hall	2600 Bay Area Blvd Apt 517	Houston	TX	77088
Public Meeting Attendee	Russell	Hall	P.O. Box 203	Port Bolivar	TX	77650
Public Meeting Attendee	John	Hammond	2849 Estes Ln.	Port Neches	TX	77651
Public Meeting Attendee	Jonas	Hampshire	3319 Rockdale Dr.	Porter TX	ТХ	77365
Public Meeting Attendee	Carole	Hamrdey	P.O. Box 2046	Crystal Beach	ТХ	77650
Public Meeting Attendee	Mark	Haney	156 Mae Circle	Crystal Beach	ТХ	77650
Public Meeting Attendee	Barbara	Hankins	12030 Sportsman Rd	Galveston	ТΧ	77554

Stakeholder Category	First Name	Last Name	Mailing Address	City	State	Zip
Public Meeting Attendee	Gary	Hankins	12030 Sportsman Rd	Galveston	ТХ	77554
Public Meeting Attendee	Joni	Hanley	1148 FM 1406	Winnie	ТΧ	77665
Public Meeting Attendee	Stewart	Hanley	1148 FM1406	Winnie	ТΧ	77665
Public Meeting Attendee	Eric	Hansen	1026 Skimmer Street	Galveston	ТΧ	77554
Public Meeting Attendee	Peter	Hansen	621 Bradley St	Seabrook	ТΧ	77586
Public Meeting Attendee	Sue	Hansen	621 Bradley St	Seabrook	ТΧ	77586
Public Meeting Attendee	Holly	Hanson	2314 38th Street	Galveston	ТΧ	77550
Public Meeting Attendee	Mitzi	Hardy	7067 N Holiday Dr	Galveston	ТΧ	77550
Public Meeting Attendee	Scott	Hardy	P.O.Box 711	Pineland	ТΧ	75968
Public Meeting Attendee	Samantha	Haritos	3005 Shoreline Court	Seabrook	ТΧ	77586
Public Meeting Attendee	Justin	Harker	1702 Davison Ct	League City	ТΧ	77573
Public Meeting Attendee	Jennifer	Harker	1703 Davison Ct	League City	ТΧ	77573
Public Meeting Attendee	Debra	Harper	506 Baywood Drive	Seabrook	ТΧ	77586
Public Meeting Attendee	Wade	Harrell	210 Terra Vista Trail	Victoria	ТΧ	77904
Public Meeting Attendee	Edie	Harrington	2615 Broadway Street	Galveston	ТΧ	77550
Public Meeting Attendee	Kelso	Harry	1628 Driftwood Ln	Galveston	ТΧ	77551
Public Meeting Attendee	Leslie	Hartman	2200 Harrison St.	Palacios	ТХ	77465
Public Meeting Attendee	Bill	Harvey	104 Baffin St.	Port Lavaca	TX	77979
Public Meeting Attendee	Gerald	Haschke	308 Fox Hollow	Buda	TX	78610
Public Meeting Attendee	Charles	Hausmann	P.O. Box 397	Point Comfort	ТХ	77979
Public Meeting Attendee	Steve	Haver	2705 N. Meyer Avenue	Seabrook	ТХ	77586
Public Meeting Attendee	Rachel	Havlik	1129 Melody Lane	Friendswood	TX	77546
Public Meeting Attendee	Rachel	Havlik	1129 Melody Lance	Friendswood	TX	77546
Public Meeting Attendee	John	Hawcock	2951 Marina Bay Dr 130-290	League City	TX	77573
Public Meeting Attendee	Valarie	Hawley	P.O. BOX 8858	Bacliff	ТХ	77518
Public Meeting Attendee	Matthew	Hay	2634 Gerol Dr.	Galveston	TX	77551
Public Meeting Attendee	Michele	Hay	P.O.Box 8029 / 2634 Gerol Drive	Galveston	TX	77553
Public Meeting Attendee	Sheryl	Hayes	P.O. Box 2995	Gilchrist	TX	77617
Public Meeting Attendee	Kathy	Hazlett	311 S 5 1/2 St.	Nederland	TX	77627
Public Meeting Attendee	Lori	Hefley	10000 San Leon Dr #244	Dickinson	TX	77539
Public Meeting Attendee	Daniel	Heilman	315 Louise Dr.	Corpus Christi	ТХ	78404
Public Meeting Attendee	Sharon	Helsley McGinley	P.O. Box 13608	Port Isabel	TX	78578
Public Meeting Attendee	Sean	Henderson	2703 Timber Briar Cirle	Houston	TX	77059
Public Meeting Attendee	Dustin	Henry	1811 30th Street, Up	Galveston	TX	77550
Public Meeting Attendee	Paul	Hermonat	203 Lagoona Ln	Surfside Beach	TX	77541
Public Meeting Attendee	Ramon	Hernandez		Manor	TX	78653
		Hernandez	20611 Ed Acklin			78653
Public Meeting Attendee	Rosangely		20611 Ed Acklin Rd. 5826 Llano Dr.	Manor Carpus Christi	TX TX	78653
Public Meeting Attendee	Lisa	Hernandez	5826 Llano Drive	Corpus Christi Corpus Christi		78407
Public Meeting Attendee	Lisa	Hernandez			TX TX	78552
Public Meeting Attendee	Daniel	Hernandez	902 S. Palm Ct. Dr.	Harlingen		78552
Public Meeting Attendee	Rob Dallas	Heverly	2020 Todville Road	Seabrook Nederland	TX	77627
Public Meeting Attendee		Higgins	1609 N 27th St.	Nederland	TX	
Public Meeting Attendee	David	Hildalgo	7966 Glenbrook Dr.	Beaumont	TX	77705 77705
Public Meeting Attendee	Diane	Hildalgo	7966 Glenbrook Dr.	Beaumont	TX	
Public Meeting Attendee	Davis	Hill	102 Land Ghrant CT	Richmond	TX	77586
Public Meeting Attendee	Joyce	Hill	2027 Hollywood Ave	Galveston	TX	77551
Public Meeting Attendee	Jeffrey	Hill	3126 Lafittes P	Galveston	TX	77554
Public Meeting Attendee	Gary	Hill	35 Harbor Cove Dr	Houston	TX	77020
Public Meeting Attendee	Maryellen	Hill	9859 Briarwild Lane	Houston	TX	77080
Public Meeting Attendee	Sam	Hinojosa	1 Nottinghill Court	Conroe	TX	77304
Public Meeting Attendee	Stacee	Hinojosa	4201 Spanish Main Blvd.	Galveston	TX	77554
Public Meeting Attendee	Michael	Hinojosa	9723 Fonville Dr.	Houston	TX	77075
Public Meeting Attendee	Carlos O.	Hinojusa	3235 Raintree Village Drive	Katy	ТΧ	77449

Stakeholder Category	First Name	Last Name	Mailing Address	City	State	Zip
Public Meeting Attendee	David	Hirsch	2124 61st Street #190	Galveston	ТΧ	77550
Public Meeting Attendee	Rhonda Gregg	Hirsch	2608 Sydnor	Galveston	ТΧ	77554
Public Meeting Attendee	David	Hirsch	2724 61st #190	Galveston	ТΧ	77550
Public Meeting Attendee	Steve	Hodgson	1803 27th Street	Galveston	ТΧ	77550
Public Meeting Attendee	Dorothy	Hogg	1424 Winnie St	Galveston	ТΧ	77550
Public Meeting Attendee	Jeff	Hoilman	4019 Industry Drive	Chatanooga	TN	37416
Public Meeting Attendee	Joann	Holbrook	P.O. Box 2079	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Tony	Holladay	1262 Sweetwater Rd.	Port Lavaca	ТΧ	77979
Public Meeting Attendee	Kevin	Holland	1201 Crawford Dr.	Friendswood	ТΧ	77544
Public Meeting Attendee	J.D	Hollier	16803 Glenshannon Dr	Houston	ТΧ	77059
Public Meeting Attendee	Linda	Hollier	P.O. Box 1196	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Michael	Holtham	7775 Windchase Dr.	Beaumont	ТХ	77713
Public Meeting Attendee	Mike	Hoover	2609 Ave O 1/2	Galveston	ТХ	77550
Public Meeting Attendee	Blake	Hopper	505 Orleans Suite 103	Beaumont	ТХ	77627
Public Meeting Attendee	Edie	Houlden	2951 Marina Bay Drive #130- 645	Longview	ТХ	77573
Public Meeting Attendee	John	Huffman	17629 El Camino Real # 211	Houston	ТХ	77058
Public Meeting Attendee	Joelee	Hughes	7304 Jones Drive	Galveston	TX	77551
Public Meeting Attendee	Diane	Humes	4319 Stacy Street	Seabrook	TX	77586
Public Meeting Attendee	Ken	Humphries	7514 Olympia Dr/ 2711 Crescent	La Porte	ТХ	77571
Public Meeting Attendee	Joan C	Humphries	7515 Olympia Dr/ 2711 Crescent	La Porte	TX	77571
Public Meeting Attendee	Raynelle	Hunton	11 Firefall Ct	The Woodlands	TX	77380
Public Meeting Attendee	Bobbi	Hurt	1810 Tremont Street	Galveston	TX	77550
Public Meeting Attendee	Ponna	Indupalli	3793 Champion	Beaumont	TX	77707
Public Meeting Attendee	Suresh	Indupalli	3793 Champion		TX	77707
Public Meeting Attendee	Charles	Irvine	4709 Austin Street	Beaumont	TX	77004
	Kristen			Houston Hitchcock	TX	77563
Public Meeting Attendee	Debbie	lvey	330 Maple Dr	1		77561
Public Meeting Attendee		Jackson	P.O. Box 892	Hardin	TX	
Public Meeting Attendee	Binny	Jacobson	P.O. Box 892	Hardin	TX	77561
Public Meeting Attendee	Keath	Jacoby	15 Cedar Lawn Drive North	Galveston	TX	77551
Public Meeting Attendee	Kenneth L.	Jencks	190 San Marino Dr.	Galveston	TX	77550
Public Meeting Attendee	Michael	Jenkins	305 21st St. Ste. 245	Galveston	TX	77550
Public Meeting Attendee	Bill	Jenko	41 Lazy Lane	Kemah	TX	77565
Public Meeting Attendee	Bill	Jenko	41 Lazy Ln.	Kemah	TX	77565
Public Meeting Attendee	Jessica	Jia	P.O. BOX 325	Anahuac	ТХ	77514
Public Meeting Attendee	Marissa	Jimenez	4521 Stonebridge Dr	Pearland	TX	77584
Public Meeting Attendee	Christina	Johnson	22 Harbor Ln	Kemah	ТХ	77565
Public Meeting Attendee	Tamara	Johnson	262 Peggy St. E.	Palacios	ТХ	77465
Public Meeting Attendee	Kris	Johnson	3014 Todville Road	Seabrook	ТХ	77586
Public Meeting Attendee	Matthew	Johnson	4700 Avenue U	Galveston	ТΧ	77551
Public Meeting Attendee	Sam	Johnson	P.O. Box 1875	Port Bolivar	ТΧ	77650
Public Meeting Attendee	Annette	Johnston	P.O. BOX 119	Stowell	ТХ	77661
Public Meeting Attendee	Scott	Jones	1100 Hercules Avenue Suite 200	Houston	ТΧ	77058
Public Meeting Attendee	Jennifer	Jones	2168 Brittany Colony Drive	League City	ТΧ	77573
Public Meeting Attendee	Darla	Jones	4601 Padre Blvd	South Padre Island	ТΧ	78597
Public Meeting Attendee	Laura	Jones	621 Saddle and Surrey Rd	Conroe	ТΧ	77385
Public Meeting Attendee	Don	Juneau	P.O. Box 2184	Bridge City	ТΧ	77611
Public Meeting Attendee	Lisa	Juneau	P.O. Box 2184	Bridge City	ТΧ	77611
Public Meeting Attendee	Charles	Jushs	10415 Cypress Dr.	Brownsville	ТΧ	78520
Public Meeting Attendee	Charles	Justis	1045 Cypress Drive	Brownsville	ТΧ	78520
Public Meeting Attendee	Steve	Kadleger	426 Windward way	Tiki Island	ТΧ	77554
Public Meeting Attendee	Debby	Kahla	P.O.Box 187	High Island	ТΧ	77623
Public Meeting Attendee	Nathan	Kapner Jr.	25 Adler Circle	Galveston	ТХ	77551
Public Meeting Attendee	Jason	Kaptchinskie	P.O. Box 2346	Crystal Beach	ТΧ	77650

Stakeholder Category	First Name	Last Name	Mailing Address	City	State	Zip
Public Meeting Attendee	Robin	Kasiske	P.O. Box1055	Crystal Beach	ТΧ	77650
Public Meeting Attendee	John	Kasiske	P.O. Box1056	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Raymond	Kaskie	P.O. Box 2901	Gilchrist	ТΧ	77617
Public Meeting Attendee	Raymond	Kaskie	P.O.Box 2901	Gilchrist	ТΧ	77617-2901
Public Meeting Attendee	Garry	Kaufman	PO.Box 10767	Galveston	ТΧ	77552
Public Meeting Attendee	Donna	Kearney	1413 Harbor View Dr	Galveston	ТХ	77550
Public Meeting Attendee	Jon	Keenev	500 Kirby Blvd	Houston	ТХ	77019
Public Meeting Attendee	Bill	Keese	1401 25th Street	Houston	ТΧ	77008
Public Meeting Attendee	Ella	Keller	914 W. Polk St.	Port Isabel	ТХ	78578
Public Meeting Attendee	Tym	Kelley	5505 Westbrook Oaks Way	Spring	ТΧ	77379
Public Meeting Attendee	D	Kelly	P.O. BOX 1176	League City	ТΧ	77574
Public Meeting Attendee	John	Kelso	12 Cedar Lawn North	Galveston	ТΧ	77551
Public Meeting Attendee	Luke	Kelso	5003 Woodrow Avenue	Galveston	ТΧ	77551
Public Meeting Attendee	John	Kennedy	25807 Lake Lawn Dr.	Spring	ТХ	77380
Public Meeting Attendee	Sharon	Kennedy	25807 Lake Lawn Dr.	Spring	ТХ	77380
Public Meeting Attendee	Susan	Kerivan	2602 9 Mile Road	Galveston	TX	77554
Public Meeting Attendee	Robert & Marian	Kidd	P.O. BOX 53 1405 Main Street	Galveston	TX	77586
Public Meeting Attendee	William	Kiene	12 Park Lane	Galveston	TX	77551
Public Meeting Attendee	Mike	Kimberling	2224 Wren Ct.	Lewisville	ТХ	75077
Public Meeting Attendee	Robyn	Kimberling	2224 Wren Ct.	Lewisville	ТХ	75077
Public Meeting Attendee	Dr. Gayle	King	10, 327 FM 3005 Unit 5PH1	Galveston	TX	77554
Public Meeting Attendee	Helen	King	10327 FM 3005 Unit 5PH1	Galveston	ТХ	77554
Public Meeting Attendee	Jackie	King	174 Crider Road # 151	League City	TX	77573
Public Meeting Attendee	Vickie	King	P.O.Box 29362	Gilchrist	TX	77617
Public Meeting Attendee	Chad	Kinsfather	389 CO RD 309	Edna	ТХ	77957
Public Meeting Attendee	Ryborn	Kirby	15423 Banfk	Houston	ТХ	77062
Public Meeting Attendee	Stacey	Kirkham	P.O. Box 674	Seadrift	ТХ	77983
Public Meeting Attendee	George & Louise	Kithas	10327 FM 3005 # 703	Galveston	ТХ	77553
Public Meeting Attendee	SS	Kitterman	9376 Jamaica Beach	Galveston	ТХ	77554
Public Meeting Attendee	Courtney	Klaus	16011 Spring Forest Dr.	Houston	TX	77059
Public Meeting Attendee	Charles	Klinge	550 Reserve St	Southlake	ТХ	76092
Public Meeting Attendee	David	Knackey	P.O. Box 397	Point Comfort	ТХ	77978
Public Meeting Attendee	Gus	Knebel	2228 Mechanic Suite 400	Galveston	ТХ	77550
Public Meeting Attendee	Matt	Koch	1828 Walnut Suite 301	Kansas City	MO	64108
Public Meeting Attendee	David	Kocurek	P.O. Box 845	Palacios	TX	77465
Public Meeting Attendee	Theodolinde	Koebele-Juers	1624 Church St	Galveston	ТХ	77556
Public Meeting Attendee	Kristian	Koengeter	P.O. Box 255	Port Bolivar	ТХ	77650
Public Meeting Attendee	John	Koloen	2009 Ave M	Galveston	ТХ	77550
Public Meeting Attendee	John	Koloen	2009 Avenue M	Galveston	ТХ	77550
Public Meeting Attendee	Linda	Kolojaco	11102 Maykirk	Sugarland	ТХ	77478
Public Meeting Attendee	Roy	Kolojaco	11102 Maykirk	Sugarland	ТХ	77478
Public Meeting Attendee	Nick	Kondejewski	1100 Red Bluff Road	Seabrook	TX	77586
Public Meeting Attendee	Doug	Korb	4318 Misty Heather Ct.	Houston	ТХ	77059
Public Meeting Attendee	Miranda	Krafka	117 Jaequelyn St.	Los Fresnos	TX	78566
Public Meeting Attendee	Krystyn	Krafka	14202 Ballfour Park Ln	Houston	TX	77047
Public Meeting Attendee	Roger	Krause	8449 Nursery Rd.	Victoria	TX	77904
Public Meeting Attendee	Karen	Krause	8450 Nursery Rd.	Victoria	ТХ	77904
Public Meeting Attendee	Carl	Krielow	P.O.Box 39	Roanoke	LA	70581
Public Meeting Attendee	Philip	Kropf	515 West Main St.	Houston	TX	77006
Public Meeting Attendee	George	Kuhn	2930 Revere St #301	Houston	TX	77098
Public Meeting Attendee	Anitra	Kulrm	P.O. Box 1651	Nederland	ТХ	77627
Public Meeting Attendee	Norbert	Kurtz	P.O. Box 95	Port Bolivar	TX	77650
i ubile Meeting Attendee		Nul 12			17	//050

Stakeholder Category	First Name	Last Name	Mailing Address	City	State	Zip
Public Meeting Attendee	Marci	Kurtz-Hoffman	9209 Jamaica Beach	Galveston	ТХ	77554
Public Meeting Attendee	Lisa	Lacher	13001 John Reynolds Road	Galveston	TX	77554
Public Meeting Attendee	Jeffrey	Laird	P.O. BOX 316	Mont Belvieu	TX	77580
Public Meeting Attendee	Mindy	Lakin	715 Winne Street	Galveston	TX	77550
Public Meeting Attendee	Sean	Lamb	7019 Lasker Drive	Galveston	TX	77551
Public Meeting Attendee	Kenneth	Landey	1973 Ave E.	Crystal Beach	ТХ	77650
Public Meeting Attendee	Tina	Landrum	P.O. BOX 1268	Crystal Beach	ТХ	77650
Public Meeting Attendee	Nancy	Landry	1973 Ave E.	Crystal Beach	ТХ	77650
Public Meeting Attendee	Eddie & Helen	Lanning	P.O. Box 1105	Crystal Beach	ТХ	77650
Public Meeting Attendee	Leo	Lanzo	3301 Elegia	Houston	ТХ	77080
Public Meeting Attendee	Mary Frances	Lapidus	5122 Pine Street	Bellaire	ТХ	77401
Public Meeting Attendee	James	Larimore	23239 Summer Pine Dr.	Spring	TX	77373
Public Meeting Attendee	James	Larimore	23239 Summer Pine Drive	Spring	ТХ	77373
Public Meeting Attendee	Margaret & Doug	Latimer	911 Bayridge	Morgan Pointe	TX	77571
Public Meeting Attendee	Elizabeth	Lauzon	15219 Poplar Springs Lane	Houston	TX	77062
Public Meeting Attendee	Ellen Baker	Laws	P.O. BOX 16049	Galveston	TX	77552
Public Meeting Attendee	Tina	LeCornu	801 East Beach Drive TW 1208	Galveston	TX	77550
Public Meeting Attendee	Chris	Ledford	2114 Avenue O	Galveston	TX	77550
Public Meeting Attendee	Kelly	Ledford	2114 Avenue O	Galveston	TX	77550
Public Meeting Attendee	Kelly	Ledford	525 22nd St # 8	Galveston	TX	77550
Public Meeting Attendee	Roscoe	Lee	1631 Antigua Lane	Nassau Bay	TX	77058
Public Meeting Attendee	Tuie	Lee	1631 Antigua Lane	Houston	TX	77058
Public Meeting Attendee	Кау	Leipzig	1401 Harbor Side Dr	Galveston	TX	77550
Public Meeting Attendee	Jerry	Lennox	19027 Kahala Drive East	Galveston	TX	77554
Public Meeting Attendee	Shelia	Lennox	19027 Kahala Drive East	Galveston	TX	77554
	Kelli		P.O. Box 1215	Crystal Beach	TX	77650
Public Meeting Attendee	Carl	Lentermeyer Letinich		Galveston	TX	77554
Public Meeting Attendee			2225 103rd Street	Houston	TX	77062
Public Meeting Attendee	Leonard	Levine	15146 Diana Ln		TX	78633
Public Meeting Attendee	Christopher	Lewis Lindow	133 Sweetleaf Cove	Georgetown		77650
Public Meeting Attendee	Margaret		P.O. Box 2653	Crystal Beach	TX	
Public Meeting Attendee	Eddie	Lippe	11702 32nd St.	Santa Fe	TX	77510
Public Meeting Attendee	Tonya	Lippe	11702 32nd St.	Santa Fe	TX	77510
Public Meeting Attendee	Thaddous	Lis	15710 El Dorado Oaks	Houston	TX	77059
Public Meeting Attendee	Robert	Little	1311 Ave M	Galveston	TX	77550
Public Meeting Attendee	Steve	Little	1413 Norman Hill Ln.	League City	TX	77573
Public Meeting Attendee	Larry	Livengood	1219 Pilot Lane	Galveston	TX	77554
Public Meeting Attendee	Scott D.	Livingston	300 W. Walker Street	League City	TX	77573
Public Meeting Attendee	Paula	Loftin	P.O. Box 1191	Crystal Beach	TX	77650
Public Meeting Attendee	Rick	Loftin	P.O. Box 1191	Crystal Beach	TX	77650
Public Meeting Attendee	Lori	Long	2207 Post Office Street #207	Galveston	TX	77550
Public Meeting Attendee	Dale	Lonsford	103 S.Y St	La Porte	TX	77571
Public Meeting Attendee	Yolanda	Lonsford	103 S.Y St	La Porte	TX	77571
Public Meeting Attendee	Jaime	Lopez	28505 Lashbrook Lane	Rio Hondo	TX	78583
Public Meeting Attendee	Brit	Lowry	5111 Avenue O 1/2	Galveston	TX	77551
Public Meeting Attendee	Krista	Lusby	3026 South Island Drive	Seabrook	TX	77586
Public Meeting Attendee	Mike	Lykes	3307 Sweetgum Hill Lane	Kingwood	TX	77345
Public Meeting Attendee	Stephen	Lynn	2207 Post Office Street #207	Galveston	TX	77550
Public Meeting Attendee	Mary	Lyons	P.O. Box 61	High Island	TX	77623
Public Meeting Attendee	Robert	Lyons	P.O. Box 61	High Island	ТΧ	77623
Public Meeting Attendee	Vern	Lyssy	680 Hengst Rd.	Port Lavaca	ТΧ	77979
Public Meeting Attendee	David	Lyttle	1502 Avenue 0	Galveston	ΤX	77550
Public Meeting Attendee	Suzanne	Lyttle	1502 Avenue 0	Galveston	ТΧ	77550

Stakeholder Category	First Name	Last Name	Mailing Address	City	State	Zip
Public Meeting Attendee	Alan D.	Maccarone	P.O. Box 2708	Crystal Beach	ΤX	77650
Public Meeting Attendee	Alan D.	Maccarone	P.O.Box 2708	Crystal Beach	ΤX	77650
Public Meeting Attendee	Jordan	Macha	2010 N. Loop W, Ste 103	Houston	ТΧ	77018
Public Meeting Attendee	Jordan	Macha	2010 N. Loop West Suite 275	Houston	ТΧ	77018
Public Meeting Attendee	Mary & Preston	Mack	4138 Pirates Beach	Galveston	ΤX	77554
Public Meeting Attendee	Jake	Magee	2507 Montrose Blvd Apt. 43	Houston	ТΧ	77006
Public Meeting Attendee	James	Maggio	1830 Derrick Ave	Winnie	TX	77665
Public Meeting Attendee	Marcus	Maher	3027 Fondren Street	La Porte	TX	77571
Public Meeting Attendee	David	Mallet	P.O. Box 1381	Crystal Beach	TX	77650
Public Meeting Attendee	Monica	Manchac	P.O. Box 530	Port Bolivar	ТΧ	77650
Public Meeting Attendee	Spencer	Mancill	2200 33rd Street	Galveston	TX	77550
Public Meeting Attendee	Darrell	Mangham	1009 Yturria	Port Isabel	ТΧ	78578
Public Meeting Attendee	John	Manlove	1904 Avenue M	Galveston	TX	77550
Public Meeting Attendee	Joe	Mannina	12261 Cude Ceni Terry Rd	Willis	ТΧ	77318
Public Meeting Attendee	Glynda	Manuel	P.O. Box 2140	Crystal Beach	TX	77650
Public Meeting Attendee	Perry	Manuel	P.O. Box 2140	Crystal Beach	TX	77650
Public Meeting Attendee	Sunny	Mapps	2120 Lord Nelson Drive	Seabrook	TX	77586
Public Meeting Attendee	Deborah	Marberry	29518 Geneva Dr.	Spring	ТΧ	77386
Public Meeting Attendee	John W.	Marberry	29518 Geneva Dr.	Spring	TX	77386
Public Meeting Attendee	Sharla	Marek	P.O. Box 2075	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Phillip	Marin	5106 Sleepy Creek Dr.	Houston	ТΧ	77017
Public Meeting Attendee	Lisa	Marshall	17041 El Camino Real, Ste 210	Houston	ТХ	77058
Public Meeting Attendee	Lloyd	Martin	41 Grand Beach Blvd	Galveston	ТΧ	77550
Public Meeting Attendee	Ann	Martin	4930 Elm St.	Seabrook	ТΧ	77586
Public Meeting Attendee	Charles	Martin	P.O. Box 1056	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Diana	Martin	P.O. Box 1056	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Joel	Martin	P.O. Box 1098	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Jeannie	Martin	P.O. Box 2756	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Craig	Maske	9900 Northwest Freeway	Houston	ТΧ	77086
Public Meeting Attendee	Beth	Massingill	1927 FM 819	Lufkin	ТΧ	75901
Public Meeting Attendee	Jim	Massingill	1927 FM 819	Lufkin	ТΧ	75901
Public Meeting Attendee	Pati	Matamoros	465 N. Illinois	Brownsville	ТΧ	78521
Public Meeting Attendee	Scott	Mathais	19503 Whitewood Dr	Spring	ТΧ	77373
Public Meeting Attendee	Robert & Kathy	Matheson	1409 Harbor View Drive	Galveston	ТΧ	77550
Public Meeting Attendee	Lauri	Mathias	19503 Whitewood Dr	Spring	ТΧ	77373
Public Meeting Attendee	Scott	Mathias	19503 Whitewood Dr.	Spring	ТХ	77373
Public Meeting Attendee	Steve	Mathies	830 Napoleon Ave	New Orleans	LA	70114
Public Meeting Attendee	Kathy	Matteson	1409 Harbor View Dr	Galveston	ТΧ	77550
Public Meeting Attendee	Robert	Matteson	1410 Harbor View Dr	Galveston	ТΧ	77550
Public Meeting Attendee	Edward M.	Matuszak	10443 Catlett	La Porte	ТΧ	77571
Public Meeting Attendee	Edward	Matuszak	10443 Catlett Lane	La Porte	ТΧ	77571
Public Meeting Attendee	Nelva	Maxey	P.O. Box 2015	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Rob	Maxwell	31507 Helen Lane	Tomball	ТΧ	77375
Public Meeting Attendee	Brian	Mayes	1412 25th St	Galveston	ТΧ	77550
Public Meeting Attendee	Jamie	Mayfield	925 Northpark Ridge	New Braunfels	ТΧ	78139
Public Meeting Attendee	Guotavo	Mayorga	P.O. Box 2676	Crystal Beach	TX	77650
Public Meeting Attendee	Alan	Mays	P.O. Box 2367	Crystal Beach	TX	77650
Public Meeting Attendee	Leon	Mayweather	13715 Pirates Beach Blvd.	Galveston	ТХ	77554
Public Meeting Attendee	Lilia	Mayweather	13834 Sandover Drive	Houston	TX	77014
Public Meeting Attendee	Ricky	McAfee	2774 Crystal Beach			77650
Public Meeting Attendee	Ricky	McAfue	2774 S Selwyn	Crystal Beach	ТХ	77650
Public Meeting Attendee	Christyn	McCann	22903 Meadow Lane	Tomball	ТХ	77377

Stakeholder Category	First Name	Last Name	Mailing Address	City	State	Zip
Public Meeting Attendee	Christyn	McCann	22903 Meadow Ln	Tomball	ТΧ	77377
Public Meeting Attendee	Jason	McCann	22903 Meadown Ln.	Tomball	ТΧ	77377
Public Meeting Attendee	Randy	McClanahan	865 Amber Kay Lane	Bridge City	ТΧ	77811
Public Meeting Attendee	Ruth	McClanahan	865 Amber Kay Lane	Bridge City	ТΧ	77811
Public Meeting Attendee	Lisa H.	McClelland	P.O. Box 2367	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Craig	McClelland	P.O. Box 896	Port Bolivar	ТΧ	77650
Public Meeting Attendee	Beverly	McCormick	500 Seawall Blvd. #914	Galveston	ТΧ	77550
Public Meeting Attendee	Harold	McCracken	1411 24th Street	Galveston	ТΧ	77550
Public Meeting Attendee	Connie	McCreight	11202 Schwark Drive	Galveston	ТΧ	77554
Public Meeting Attendee	Brandon	McDdermott	9180 Jamaica Beach	Galveston	ТΧ	77554
Public Meeting Attendee	Dawn	McDonald	11423 Sage Valley	Houston	ТΧ	77089
Public Meeting Attendee	Michele	McElvain	P.O. Box 2469	Crystal Beach	ТΧ	77650
Public Meeting Attendee	James	McIntyre	2A Wilderness Trail	Friendswood	ТΧ	77546
Public Meeting Attendee	Patrica	McIntyre	2A Wilderness Trail	Friendswood	ТΧ	77546
Public Meeting Attendee	Robert	МсКее	P.O. Box 2395	Crystal Beach	ΤХ	77650
Public Meeting Attendee	Lyndell	McMorris	1202 Post Office St.	Galveston	ТΧ	77550
Public Meeting Attendee	Ralph	McMorris	1202 Post Office St.	Galveston	TX	77550
Public Meeting Attendee	Melinda	McWhite	2471 Long St	Beaumont	TX	77702
Public Meeting Attendee	Melinda	McWhite	2471 Long St.	Beaumont	TX	77702
Public Meeting Attendee	Gabriella	Medrano	33511 Blue Crab Ct	Richwood	TX	77515
Public Meeting Attendee	John	Meehleib	3458 Topeka St.	Corpus Christi	TX	78411
Public Meeting Attendee	Reecie	Meeker	14946 Tramore Dr.	Houston	TX	77083
Public Meeting Attendee	Robert	Meeker	14946 Tramore Dr.	Houston	TX	77083
Public Meeting Attendee	Gerhard	Meinecke	P.O.Box 1382	Dickinson	TX	77539
Public Meeting Attendee	Mary	Meitzen	305 Glenbrook	Port Lavaca	TX	77979
Public Meeting Attendee	Debbie	Menard	312 Oak Vista	Friendswood	TX	77546
Public Meeting Attendee	Huey	Menard	312 Oak Vista	Friendswood	TX	77546
Public Meeting Attendee	Huey	Menard	312 Oak Vista	Friendswood	TX	77546
Public Meeting Attendee	Huey	Menard	321 Oak Vista	Friendswood	TX	77546
Public Meeting Attendee	David Blomentrik &	Merceded Romero	8410 2nd St	Hitchcock	TX	77563
Public Meeting Attendee	Monica	Merlan	1104 Glenn Ave	Pasadena	TX	77506
Public Meeting Attendee	Bill	Merrell	1417 Sealy	Galveston	TX	77550
Public Meeting Attendee	Bill	Merten	1631 Seagate Lane	Houston	TX	77062
Public Meeting Attendee	Brad	Metz	P.O. Box 2564		TX	77650
Public Meeting Attendee	Richard	Meyer	1054 Holloman Rd.	Crystal Beach Port Lavaca	TX	77979
v	Chris	,	P.O. Box 1396		TX	77650
Public Meeting Attendee Public Meeting Attendee	Robert	Meyer Michetich	24 N. Curlew St.	Crystal Beach La Margue	TX	77568
Public Meeting Attendee		Mickell	265 El Dorado Blvd #2303	Webster	TX	77598
Public Meeting Attendee	Anastasia	Middleton	P.O. Box 273	Wallisville	TX	77597
	Mayes		128 Bonita Avenue		TX	77550
Public Meeting Attendee	Sally & Robert	Mihovil Miller		Galveston Clear Lake Shores	TX	77565
Public Meeting Attendee	Mary		410 Oak Road			
Public Meeting Attendee	Larry	Millican	934 Plantation	League City	TX	77573
Public Meeting Attendee	Paul	Millo	#44 W. Dansby Dr.	Galveston	TX	77551
Public Meeting Attendee	Paul	Millo	#44 West Dansby Drive	Galveston	TX	77551
Public Meeting Attendee	James	Mills	1455 Springrock Ln UnitB.	Houston	TX	77055
Public Meeting Attendee	Bob	Mitchell	2404 Golf Street	Pearland	TX	77581
Public Meeting Attendee	David	Mitchell	31 W Dansey	Galveston	TX	77551
Public Meeting Attendee	Stephanie	Mitcher	830 Forest Lake Dr	Seabrook	TX	77586
Public Meeting Attendee	Marcelo	Moacyr	5719 Martinique Pass	Sugar Land	TX	77479
Public Meeting Attendee	Jerry	Mohn	4210 Silver Reef- PBW #1	Galveston	TX	77554
Public Meeting Attendee	Brenda	Molcison	P.O. Box 2554	Crystal Beach	TX	77650
Public Meeting Attendee	Mark	Mongiello	212 1/2 N. 8th Street	Highlands	ТХ	77562
Public Meeting Attendee	William	Moore	P.O. Box 1333	Crystal Beach	ТΧ	77650

Stakeholder Category	First Name	Last Name	Mailing Address	City	State	Zip
Public Meeting Attendee	James	Moore	P.O. Box 1485	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Eric	Mooreheal	2001 Ketch Court	Seabrook	ТΧ	77586
Public Meeting Attendee	Max	Moorman	7122 Premont Dr. #J102	Corpus Christi	ΤX	78414
Public Meeting Attendee	Kevin	Moran	6710 Golf Crest Drive	Galveston	ТΧ	77551
Public Meeting Attendee	John	Moran	7 Cadena Drive	Galveston	ТΧ	77554
Public Meeting Attendee	George	Morgan	895 Belvedere Dr.	Beaumont	TX	77706
Public Meeting Attendee	Bill	Moritz	16206 Grassy Creek Dr	Houston	ΤX	77082
Public Meeting Attendee	Bill	Moritz	1785 Karen Lane	Beaumont	ТΧ	77706
Public Meeting Attendee	Marcy	Moritz	1785 Karen Lane	Beaumont	TX	77706
Public Meeting Attendee	Susan	Moritz	1785 Karen Lane	Beaumont	TX	77706
Public Meeting Attendee	Chris	Morris	118 Lake Country Dr.	Seabrook	TX	77586
Public Meeting Attendee	Emily	Morris	118 Lake Country Dr.	Seabrook	ΤX	77586
Public Meeting Attendee	Chuck	Morris	1426 Sonly	Galveston	TX	77550
Public Meeting Attendee	Micah	Morris	177 Barracuda St	Bayou Vista	ΤX	77563
Public Meeting Attendee	Theresa	Morris	177 Barracuda St	Bayou Vista	ТΧ	77563
Public Meeting Attendee	Cecilia	Moser	P.O. Box 1514	Alvin	ТΧ	77512
Public Meeting Attendee	Rain	Mosis	419 Shady Oaks Harbor	Alvin	ТΧ	77511
Public Meeting Attendee	Kelli	Moulton	3904 Ave T	Galveston	ТΧ	77550
Public Meeting Attendee	Neil	Moyer	1118 N. Country Club Dr.	Shoreacres	ТΧ	77571
Public Meeting Attendee	Stuart	Mueller	101 S. Richey	Pasedena	ТΧ	77056
Public Meeting Attendee	Ryan	Murdock	1905 Aldrich St, Suite 300	Austin	TX	78723
Public Meeting Attendee	Cory	Murdock	P.O. Box 2119	Crystal Beach	TX	77650
Public Meeting Attendee	Daniel	Murphy	20054 Little Bighorn Dr.	Katy	TX	77449
Public Meeting Attendee	Patricia	Murphy	3601 Federal Road	Pasadena	TX	77504
Public Meeting Attendee	Jack	Murphy	500 W. Walker Street	League City	TX	77573
Public Meeting Attendee	Amy & Sean	Musick	2816 Swallow Lane	Texas City	TX	77590
Public Meeting Attendee	Peter	Nagamani	15134 Blossom Bay Drive	Houston	TX	77059
Public Meeting Attendee	William	Nantz	7525 Shadow Creek	Beaumont	ТХ	77707
Public Meeting Attendee	Darlene	Nelsen	P.O. Box 1262	Crystal Beach	ТХ	77650
Public Meeting Attendee	Barbara	Nelson	1110 20th St.	Beaumont	ТХ	77706
Public Meeting Attendee	Luke J.	Nelson	2201 Acadiana Court	Seabrook	ТХ	77586
Public Meeting Attendee	Sharisa	Nelson	637 Carolyn Street	Winnie	TX	77665
Public Meeting Attendee	Michael	Neumann	3502 Broadway	Winnie		77550
Public Meeting Attendee	Steve	Newcomb	5230 Stoneridge CT.	Rosenberg	ТХ	77471
Public Meeting Attendee	Brett	Newcomb	P.O. Box 2285	South Padre Island	TX	78597
Public Meeting Attendee	Phil	Newton	2016 28th St	Galveston	TX	77550
Public Meeting Attendee	Kondejewski	Nicholas	1100 Red Bluff Rd	Seabrook	ТХ	77586
Public Meeting Attendee	Larry W.	Nichols	1 Westmont	Port Lavaca	TX	77979
Public Meeting Attendee	Lea Ann	Nichols	2810 Brahman Dr	Manvel	ТХ	77578
Public Meeting Attendee	Mikel	Nicks	20907 Fairhaven Creek Dr.		TX	77433
Public Meeting Attendee	Michael	Niebuhr		Cypress Calveston	ТХ	77557
		Nielsen	4810 Crockett	Galveston Pasadena	TX	77506
Public Meeting Attendee	Tammie		405 Water Street			77506
Public Meeting Attendee	David	Nixson	801 Imber St P.O. Box 2923	Pasadena Gilchrist	TX TX	77617
Public Meeting Attendee	Larry	Nolan				
Public Meeting Attendee	Amy	Nolan	P.O. Box 2923	Gilchrist Corpus Christi	TX TY	77617 78410
Public Meeting Attendee	Leah	Noland	1745 Chisolm Trail	Corpus Christi	TX	
Public Meeting Attendee	Jenny	Oakley	1030 Shady Oak Lane	Dickinson	TX	77539
Public Meeting Attendee	Glynda	Oglesby	2325 Church St	Galveston	TX	77550
Public Meeting Attendee	Ralph	O'Leary	P.O. Box 242	High Island	TX	77623
Public Meeting Attendee	Brittany	Oliveros	2317 Pin Hook Ct	Seabrook	TX	77586
Public Meeting Attendee	Karin	Olsen	10320 Little Patuxent Pkwy	Columbia	MD	21142
Public Meeting Attendee	Dan	Opdyke	901 S. Mopac Expressway, Suite 150	Austin	TX	78746
Public Meeting Attendee	Carlos Simonson	Orellana	P.O. Box 3984	Galveston	TX	77554

Stakeholder Category	First Name	Last Name	Mailing Address	City	State	Zip
Public Meeting Attendee	Abel P.	Ortiz	8902 Teichman Road	Galveston	ТΧ	77554
Public Meeting Attendee	Phil	Orton	414 81st St	Galveston	TX	77554
Public Meeting Attendee	Charles	Osborne	P.O. Box 121	Port Bolivar	ТΧ	77650
Public Meeting Attendee	Charles	Overman	16023 Mill Canyon Ct	Cypress	ТΧ	77429
Public Meeting Attendee	Gib	Owen	108 Army Pentagon	Washington	DC	20310
Public Meeting Attendee	Alle	Pace	P.O. Box 1118	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Matt	Pace	P.O. Box 19929	Houston	ТΧ	77224
Public Meeting Attendee	Velinda	Pachlhofer	14703 Gladebrook Dr	Houston	ТΧ	77068
Public Meeting Attendee	Shawn	Pachlhofer	2819 Hollow Creek Dr.	Houston	ТΧ	77082
Public Meeting Attendee	Oscar G	Palacios	3526 Tiger Ln.	Corpus Christi	TX	78415
Public Meeting Attendee	Nick	Pangard	3143 Nissonnet St	Houston	ТΧ	77005
Public Meeting Attendee	Gregory	Pappas	1131 Gray Moss Lane	Houston	ТΧ	77085
Public Meeting Attendee	HD	Pappas	9001 Teichman Road	Galveston	ΤХ	77554
Public Meeting Attendee	Jenny	Parker	1491 McGuire Rd	League City	ТΧ	77573
Public Meeting Attendee	Jerry	Parker	1491 McGuire Road	League City	ТΧ	77573
Public Meeting Attendee	Brad	Parker	211 Post Oak Lane	Groves	ТΧ	77619
Public Meeting Attendee	Michelle	Parker	212 Post Oak Lane	Groves	ТΧ	77619
Public Meeting Attendee	Michelle	Parker	2211 Post Oak Lane	Groves	TX	77619
Public Meeting Attendee	Brad	Parker	2211 Post Oak Lane	Groves	ТΧ	77619
Public Meeting Attendee	Donna	Parrott	15415 Dogwood Ln	Conoroe	ТΧ	77303
Public Meeting Attendee	Ken	Paschall	534 Whitecap	Seabrook	ТΧ	77586
Public Meeting Attendee	Kathy	Paschall	534 Whitecorp	Seabrook	ТΧ	77586
Public Meeting Attendee	Darryl	Pate	P.O. Box 1412	Crystal Beach	TX	77650
Public Meeting Attendee	Debra	Pate	P.O. Box 1412	Crystal Beach	TX	77650
Public Meeting Attendee	Barry	Patel	7010 Padre Blvd	South Padre Island	TX	78597
Public Meeting Attendee	Jeff	Patterson	1601 Ball Street	Galveston	ТΧ	77550
Public Meeting Attendee	Dennis	Paul	17225 El Camino Real Suite 415	Houston	ТΧ	77058
Public Meeting Attendee	Dennis	Paul	626 1/2 Barringer Lane, Suite A	Webster	ТХ	77598
Public Meeting Attendee	Michael	Pearson	1210 Lakeshore Dr.	Spicewood	ТХ	78669
Public Meeting Attendee	Michael W.	Pearson	1210 Lakeshore Drive	Spicewood	ТΧ	78669
Public Meeting Attendee	Charles	Pederson	708 SE 2nd St.	Nederland	ТΧ	77627
Public Meeting Attendee	Jean	Pederson	708 SE 2nd St.	Nederland	ТΧ	77627
Public Meeting Attendee	Travis	Penland	405 Boone Court	Deer Park	ТΧ	77536
Public Meeting Attendee	Larry	Penner	36 Pirates Beach	Galveston	ТΧ	77554
Public Meeting Attendee	Clarissa	Perez	900 Bagby Street	Houston	ТΧ	77002
Public Meeting Attendee	Claudia	Perkins	3313 Yellowstone	Houston	ТΧ	77021
Public Meeting Attendee	Claudia	Perkins	987 S Monkhouse	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Joseph	Perry	1015 Pine Wood Lane	Seabrook	TX	77586
Public Meeting Attendee	David	Person	3981 Lake Star Dr	League City	ТΧ	77573
Public Meeting Attendee	David	Person	3981 Lake Star Dr.	League City	ТΧ	77573
Public Meeting Attendee	Doug	Peterson	2118 Cherrytree Ridge Ln.	Houston	TX	77062
Public Meeting Attendee	David	Petit	3008 Cambridge Meadows Lane	Dickinson	ТΧ	77539
Public Meeting Attendee	Evan	Pettis	2636 Encina Dr. 9D	Rockport	ТΧ	78382
Public Meeting Attendee	Marilyn	Petty	9003 Jamaica Beach	Galveston	ТΧ	77554
Public Meeting Attendee	Jean	Pflguger	12302 Shelwick Dr.	Houston	ТΧ	77031
Public Meeting Attendee	Chris	Phelan	3806 Kingston Dr.	Corpus Christi	ТΧ	78415
Public Meeting Attendee	Eve	Phelps	P.O. Box 2601	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Katrina	Phillips	2522 Du Lac Trace	Seabrook	ТΧ	77586
Public Meeting Attendee	Darrell	Picha	4113 Seaview Court	Seabrook	ТΧ	77580
Public Meeting Attendee	Natalie	Picha	4113 Seaview Court	Seabrook	ТΧ	77596
Public Meeting Attendee	Ellis	Pickett	P.O. Box 563	Liberty	ТΧ	77575
· · · · · · · · · · · · · · · · · · ·	Chris E.	Pierce	P.O. Box 2670	Crystal Beach	TX	77650
Public Meeting Attendee						

Stakeholder Category	First Name	Last Name	Mailing Address	City	State	Zip
Public Meeting Attendee	Virginia	Pierson-Turner	231 Bayside Dr	La Porte	ТΧ	77571
Public Meeting Attendee	Kurt	Ploeger	P.O. Box 2004	Crystal Beach	ТΧ	77650
Public Meeting Attendee	John	Plunkett	203 Durwood Elm Drive	Deer Park	ТΧ	77536
Public Meeting Attendee	John	Plunkett	800 Woodcrest Drive	Friendswood	ТΧ	77546
Public Meeting Attendee	Barbara	Poche	18594 Martinique Dr	Nassau Bay	ТΧ	77058
Public Meeting Attendee	Glenn	Poche	18594 Martinique Dr	Nassau Bay	ТΧ	77058
Public Meeting Attendee	William E	Post	9092 Jamaica Beach	Galveston	TX	77554
Public Meeting Attendee	Jon	Powell	1106 Pine Cir	Taylor Lake Village	ТΧ	77586
Public Meeting Attendee	Kenneth	Powell	23859 Vincent Road	Winnie	ТΧ	77665
Public Meeting Attendee	Emily	Powell	505 E. Huntland Dr. Suite 485	Austin	ТΧ	78745
Public Meeting Attendee	Emily	Powell	505 E. Huntland Drive Suite 485	Austin	ТΧ	78752
Public Meeting Attendee	Travis	Presley	27222 Fulshear Bend Dr Apt #3308	Fulshear	ТΧ	77441
Public Meeting Attendee	William	Prouse	7221 Avenue R	Galveston	ТΧ	77551
Public Meeting Attendee	Shawnna	Pruitt	2524 Ave Q 1/2	Galveston	ТΧ	77550
Public Meeting Attendee	Brian	Raborn	P.O.Box 19046	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Joanne	Ralowicz	3219 69th St.	Galveston	ТΧ	77551
Public Meeting Attendee	Adrian	Ramos	114A E. Dolphin S	South Padre Island	ТΧ	78597
Public Meeting Attendee	Marsha Wilson	Rappaport	1311 11th Street	Galveston	ТΧ	77550
	Peter	Ravella	7500 Rialto Blvd, Ste 100	Austin	ТΧ	78735
	Greg	Ray	17014 Chapel Park Way	Houston	ТΧ	77059
	Francine I.	Ray Bolls	2594 Tide Rd. #1216	Galveston	ТΧ	77550
	Bill	Read	405 Drake Lane	League City	ТΧ	77573
ě – – – – – – – – – – – – – – – – – – –	AJ	Reda	P.O. Box 889	Port Bolivar	ТΧ	77650
Public Meeting Attendee	Jan	Regan	P.O. Box 1795	Port Lavaca	ТΧ	77979
	Frey	Reggio	1715 Ball	Galveston	ТΧ	77550
Public Meeting Attendee	Bruce	Reinhart	P.O.Box 3809	Galveston	ΤХ	77552
Public Meeting Attendee	Debbie	Reinhart	P.O.Box 3809	Galveston	ТХ	77552
Public Meeting Attendee	Kevin	Resendez	3926 Thistledown Dr	Pasadena	ТΧ	77504
Public Meeting Attendee	Kasandra	Resendiz	11103 Radford Ln	Houston	ТΧ	77099
Public Meeting Attendee	Carlos	Reyes	1390 W. Expressway 83	San Benito	ТΧ	78586
Public Meeting Attendee	Carlos	Reyes	4724 Central Ave.	Brownsville	TX	78526
Public Meeting Attendee	Lisa	Reznicek	429 Jettyview Road	Surfside	ТΧ	77541
Public Meeting Attendee	Thomas	Richert	208 4th St.	Liberty	ТΧ	77575
Public Meeting Attendee	Valarie	Richert	208 4th St.	Liberty	ТХ	77575
	Apryl	Rinn	23507 Chisolm Trail	Montgomery	ТХ	77316
	Carlos	Rios	1823 Avenue L	Galveston	TX	77550
Public Meeting Attendee	Anthony	Rios	P.O. Box 8298	Galveston	TX	77553
Public Meeting Attendee	Anthony	Rios	P.O.Box 8298	Galveston	TX	77553
-	Pat	Ritchie	P.O. Box 1666	Crystal Beach	ТХ	77650
Public Meeting Attendee	Maurice	Ritchie	P.O. Box 1667	Crystal Beach	TX	77650
Public Meeting Attendee	Yolonda	Ritter	4914 Oleandder St.	Seabrook	TX	77586
Public Meeting Attendee	Daniel	Ritter	4914 Oleander St.	Seabrook	ТХ	77586
	Marcus	Rives	2886 Bridle Path Lane	Friendswood	ТХ	77546
Public Meeting Attendee	Gloria	Roamer	P.O.Box 814	Winnie	ТХ	77665
Public Meeting Attendee	Marie	Robb	47 Pirates Beachwest	Galveston	ТХ	77554
Public Meeting Attendee	Richard	Roberson	315 Delman Blvd	Corpus Christi	TX	78404
Public Meeting Attendee	Moss	Robert	1014 91st Street	Galveston	TX	77551
Public Meeting Attendee	Forman	Robert	10554 Timberidge Dr.	College Station	ТХ	77845
Public Meeting Attendee	Josephine	Roberts	18531 Barbuda Ln	Houston	ТХ	77058
Public Meeting Attendee	Jim	Robertson	12422 Normont Drive	Houston	TX	77070
	Ginger	Robinson	6163 Sea Isle	Galveston	ТХ	77554
Public Meeting Attendee	Bob	Robinson	906 Bryan Ave	Seabrook	TX	77586
	Debra	Robison	603 CR 413	Kribyville	TX	75956
· while meeting Attendee	20010					, 5550

Stakeholder Category	First Name	Last Name	Mailing Address	City	State	Zip
Public Meeting Attendee	Rodney	Robison	603 CR 413	Kribyville	ТΧ	75956
Public Meeting Attendee	Hal	Rochkind	P.O. Box 397	Galveston	ТΧ	77553
Public Meeting Attendee	Richard L.	Rodriguez	P.O. Box 75	Port Bolivar	ТΧ	77650
Public Meeting Attendee	Theresa	Rodriguez	P.O.Box 57942	Webster	ТΧ	77598
Public Meeting Attendee	Dennis	Rollfing	P.O. Box 2505	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Herb & Chris	Roper	1294 Blue Heron	Bayou Vista	ТΧ	77563
Public Meeting Attendee	Kara	Rose	22 Back Bay Circle	Galveston	ТΧ	77551
Public Meeting Attendee	Diana	Ross	17616 FM 3005	Galveston	ТΧ	77554
Public Meeting Attendee	Glenn	Royal	1202 Hardesty Avenue	Seabrook	ТΧ	77586
Public Meeting Attendee	Cynthia	Rubio	P.O. Box 181300	Corpus Christi	ТΧ	78480
Public Meeting Attendee	Jim	Rudellat	1035 N. Bauer Lane	Port Lavaca	ТΧ	77979
Public Meeting Attendee	Theresa	Rudolph	P.O. Box 3440	South Padre Island	ТΧ	78597
Public Meeting Attendee	Allen	Runte	3155 Fellswood Ln	Port Neches	ТХ	77651
Public Meeting Attendee	Karen	Rush	P.O. Box 1177	Crystal Beach	ТХ	77650
Public Meeting Attendee	Alfonso	Salazar	310A Padre Blvd.	South Padre Island	ТХ	78597
Public Meeting Attendee	Melissa	Salazar	P.O. Box 889	Port Bolivar	TX	77650
Public Meeting Attendee	Judy	Salkovitz	West Meadows Condo	Haverhill	MA	01832
Public Meeting Attendee	Alvin & Kathy	Sallee	4819 Avenue Q			77551
Public Meeting Attendee	Chris	Sallese	3100 W Alabama	Houston	ТХ	77098
Public Meeting Attendee	Brooke	Sanchez	4020 Ave 0 1/2	Galveston	ТХ	77550
Public Meeting Attendee	Chula & Ramon	Sanchez	9111 Teichman Road	Galveston	TX	77554
Public Meeting Attendee	Augusto	Sanchez Gonzalez	410 Balboa Rd.	Rancho Viejo	TX	78575
Public Meeting Attendee	Augusto	Sanchez Gonzalez	One University Ave.	Brownsville	TX	78389
Public Meeting Attendee	Bill	Sargent	6 Colony Park Drive	Galveston	TX	77551
Public Meeting Attendee	Robert	Sark	3298 W FM 720	Little Elm	TX	75068
Public Meeting Attendee	Robert	Sark	3299 W. FM 720	Little Elm	TX	75068-2630
Public Meeting Attendee	Mario	Sarkis	7310 Seawall Blvd. Apt 505	Galveston	TX	77551
Public Meeting Attendee	Jane	Sarsosdy	13505 Lamplight Village Ave.	Austin	TX	78727
		· · · · · · · · · · · · · · · · · · ·	1825 Billy G. Webb #10213	Portland	TX	78374
Public Meeting Attendee	Jennifer Charles	Sartor			TX	78374
Public Meeting Attendee		Sassine	7129 Premont Dr. #7	Corpus Christi		77546
Public Meeting Attendee	Richard	Saunders	2504 Davis Prairie Lane	Friendswood	TX	77554
Public Meeting Attendee	Richard	Saunders	3815 Abalone	Galveston	TX	
Public Meeting Attendee	Dollie	Sawyer	1132 7th Avenue Tr.	Houston	TX	77009
Public Meeting Attendee	Roger	Sawyer	4918 Park Avenue	Dickinson	TX	77539
Public Meeting Attendee	Jeff	Scarburough	3514 Carming Glen	Missouri	TX	77459
Public Meeting Attendee	Jan	Scarpati	11303 Brass Hammer CT.	Houston	TX	77065
Public Meeting Attendee	Ange	Scheibel	P.O. Box 1328	Crystal Beach	TX	77650
Public Meeting Attendee	Ed	Scheibel	P.O. Box 1328	Crystal Beach	TX	77650
Public Meeting Attendee	Gwen Gaylen	Schiera	9840 Jamaica Beach	Galveston	ТХ	77554
Public Meeting Attendee	Rick	Schiffer	P.O.Box 1385	Crystal Beach	ТХ	77650
Public Meeting Attendee	Jennifer	Schmidt	P.O. Box 2393	Crystal Beach	ТХ	77650
Public Meeting Attendee	Jennifer	Schmidt	P.O.Box 2393	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Thomas	Schoenbein	1149 Ellsworth Dr	Pasadena	ТΧ	77506
Public Meeting Attendee	John	Schofield	400 W 4th street	Tyler	ТΧ	75701
Public Meeting Attendee	Branddon	Schoppa	P.O. Box 1168	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Dana	Schoppa	P.O. Box 1168	Crystal Beach	ТХ	77650
Public Meeting Attendee	Karen	Schott	1108 Hwy 87 #2993	Gilchrist	ТХ	77617
Public Meeting Attendee	Stephen	Schulz	One Moody Plaza- 18th Fl	Galveston	ТΧ	77550
Public Meeting Attendee	Carla	Schurin	123 E. Amberjack #206	South Padre Island	ТΧ	78597
Public Meeting Attendee	William	Schuster	1410 17th St	Galveston	ТΧ	77550
Public Meeting Attendee	William	Schustereix	P.O. Box 744	Seadrift	ТΧ	77983
Public Meeting Attendee	Kerry	Schwartz	700 Padre Blvd Ste A	South Padre Island	ТΧ	78597
Public Meeting Attendee	Allan & Kara	Scott	115 Majuro Drive	Tiki Island	ТХ	77554

Stakeholder Category	First Name	Last Name	Mailing Address	City	State	Zip
Public Meeting Attendee	Lauren	Scott	1310 Harbor View Drive	Galveston	TX	77550
Public Meeting Attendee	Barbara	Scott	P.O. Box 2171	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Daniel	Seal	18045 Saturn Lane	Houston	TX	77258
Public Meeting Attendee	Claudette	Seguru	2226 Clark	La Marque	ТΧ	77568
Public Meeting Attendee	Leonard	Seguru	2226 Clark	La Marque	ΤX	77568
Public Meeting Attendee	Jeff	Seinsheimer	1427 Lotus	Tiki Island	ΤX	77554
Public Meeting Attendee	Delbert	Self Jr.	10005 Hwy 105	Beaumont	ТΧ	77713
Public Meeting Attendee	Pete	Sepulveda	3461 Carmen Ave.	Rancho Viejo	ΤX	78575
Public Meeting Attendee	Jerry	Shadden	P.O. BOX 599	Stowell	TX	77661
Public Meeting Attendee	Grant	Shallenberge	9606 Tachma Road	Galveston	TX	77554
Public Meeting Attendee	Barry	Shanler	P.O. Box 17107	Galveston	TX	77210
Public Meeting Attendee	Michael	Shannon	722 Moody 1st Floor	Galveston	ΤX	77550
Public Meeting Attendee	Harry	Sharpless	6385 Chasse Gardens	Orange	TX	77632
Public Meeting Attendee	Edward	Shearer	2260 Lake Cove Way	Seabrook	TX	77586
Public Meeting Attendee	Linda	Shelton	2805 Gulfview Ln.	Crystal Beach	TX	77657
Public Meeting Attendee	Paulette	Shelton	9051 Jamaica Beach	Galveston	ТΧ	77554
Public Meeting Attendee	Frank	Shepherd	1410 Church St.	Galveston	ТΧ	77550
Public Meeting Attendee	Bruce	Sherbet	326 Sutton Pl	Richardson	ТΧ	75080
Public Meeting Attendee	Kellye	Sherbet	326 Sutton Pl	Richardson	TX	75080
Public Meeting Attendee	Billy J.	Shipp Sr.	P.O. Box 2086	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Tofigh	Shiruzl	5615 Kirby Drive Suite 705	Houston	TX	77005
Public Meeting Attendee	Beth	Shriner	2946 Dominique	Galveston	ΤX	77551
Public Meeting Attendee	Mike	Shriner	2946 Dominique	Galveston	ТΧ	77551
Public Meeting Attendee	Gwen	Sifford	P.O. Box 1002	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Renee	Sikes	P.O. Box 700	Village Mills	ТΧ	77663
Public Meeting Attendee	Dan	Sikes	P.O. Box 700	Village Mills	ТΧ	77663
Public Meeting Attendee	Raul	Silvas	2309 39th	Galveston	TX	77550
Public Meeting Attendee	Bruce	Simons	602 N Staples	Corpus Christi	TX	78401
Public Meeting Attendee	Lyle	Simpton	P.O. Box 17	Port Bolivar	TX	77650
Public Meeting Attendee	Pat	Simpton	P.O. Box 17	Port Bolivar	ТΧ	77650
Public Meeting Attendee	Allen	Sims	623 Meadow Lane	Winnie	TX	77665
Public Meeting Attendee	Andrea	Sims-Kaptchinshe	P.O. Box 2346	Crystal Beach	TX	77650
Public Meeting Attendee	Steve	Singleton	1027 Tremont st	Galveston	ТΧ	77550
Public Meeting Attendee	Charles E.	Singleton	1203 Autumn Mist Way	Arlington	ТΧ	76005
Public Meeting Attendee	Cindy	Sivon	3319 Lanyard Place	Galveston	TX	77554
Public Meeting Attendee	Paul	Sivon	3319 Lanyard Place	Galveston	ТΧ	77554
Public Meeting Attendee	Donna	Sliger	P.O.Box 235	High Island	ТΧ	77623
Public Meeting Attendee	Kirsten	Smirl	1917 Ruth Street	Houston	ТΧ	77004
Public Meeting Attendee	Edwin	Smith	1220 Avenue N	Galveston	ΤX	77550
Public Meeting Attendee	Charles	Smith	2510 Oak South	Nederland	ТΧ	77627
Public Meeting Attendee	Joanne	Smith	3694 Grayson Ln.	Beaumont	TX	77713
Public Meeting Attendee	Lynda	Smith	P.O. Box 1096	Crystal Beach	TX	77650
Public Meeting Attendee	Claudia	Smith	P.O. Box 1146	Crosby	TX	77532
Public Meeting Attendee	Randall	Smith	P.O. Box 1146	Crosby	ТΧ	77532
Public Meeting Attendee	Scott	Smith	P.O. Box 2469	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Jerilyn	Smith	P.O. Box 915	Winnie	ТΧ	77665
Public Meeting Attendee	Lesley	Sommer	1209 Market Street	Galveston	ТΧ	77550
Public Meeting Attendee	Sydney	Sonnier	413 Oyster Creek Ct.	Richwood	ТΧ	77531
Public Meeting Attendee	Michael	Souliere	3519 Silvercreek Dr.	Manvel	ТΧ	77578
Public Meeting Attendee	Charles	Southard	618 Bay Club	Seabrook	ТΧ	77586
Public Meeting Attendee	Gina	Spangola	2228 Mechanic Street Suite 101	Galveston	TX	77550
Public Meeting Attendee	Michael A.	Speck	2403 Airline Dr.	Friendswood	ТΧ	77546
Public Meeting Attendee	Mae	Spicer	9185 Jamaica Beach	Galveston	ТΧ	77554

Stakeholder Category	First Name	Last Name	Mailing Address	City	State	Zip
Public Meeting Attendee	Neil	Spiller	7705 Savannah	Beaumont	ТΧ	77707
Public Meeting Attendee	Glenda	Stafford	1106 Hwy 100 D5	Port Isabel	ТΧ	78578
Public Meeting Attendee	Danny	Stafford	1212 S 13th Street	Nederland	ТΧ	77627
Public Meeting Attendee	Ruby	Standefer	400 E. Parkwood #347	Friendswood	ТΧ	77546
Public Meeting Attendee	Murray	Starkel	550 Reserve St. Suite 190	Southlake	ТΧ	76092
Public Meeting Attendee	Kathy	Starling	24047 Termini San Luis Pass Road	Galveston	ТΧ	77554
Public Meeting Attendee	Terry D.	Steily	227 N. 30th	Nederland	ТΧ	77627
Public Meeting Attendee	Laurel	Steinerg	613 W Saint Chartes St.	Brownsville	ТΧ	78520
Public Meeting Attendee	Jef	Steinhaus	1214 Bowie Drive	Galveston	ТΧ	77551
Public Meeting Attendee	Joanie	Steinhaus	1214 Bowie Drive	Galveston	ТΧ	77551
Public Meeting Attendee	John	Stephenson	P.O.Box 43481	Seven Points	ТΧ	75143
Public Meeting Attendee	Chase	Stewart	218 Jordy Ln	Dickinson	ТΧ	77539
Public Meeting Attendee	Charlotte	Stirling	P.O. BOX 2315	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Tom	Stirling	P.O.Box 2315	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Patsy	Stockton	P.O. Box 2566	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Bob	Stokes	1100 Hercules Ave. St. 200	Houston	ТΧ	77058
Public Meeting Attendee	Doug	Storey	1401 Cedarbrook Court	Seabrook	ТΧ	77586
Public Meeting Attendee	James	Stough	4426 Haiti	Pasadena	TX	77505
Public Meeting Attendee	George	Strong	P.O. Box 1698	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Mike	Stuehrk	105 Live Oak Street	Webster	ТΧ	77598
Public Meeting Attendee	Mary	Stump	13907 Misty Leaf Ct.	Houston	ТΧ	77044
Public Meeting Attendee	Roger	Sturgell	3127 Avenue Q	Galveston	TX	77550
Public Meeting Attendee	Mukesh	Subedee	6300 Ocean Dr., Unit 5846	Corpus Christi	TX	78412
Public Meeting Attendee	Laurel	Sukel	10327 San Luis Pass #204	Galveston	TX	77554
Public Meeting Attendee	John	Sullivan	P.O. Box 3088	Galveston	TX	77552
Public Meeting Attendee	Kelsi	Sullivan	P.O. Box3088	Galveston	TX	77552
Public Meeting Attendee	Nicole	Sunstrum	1400 Congress (Rm 1E.9)	Austin	TX	78701
Public Meeting Attendee	Robert	Surprenant	1110 Mahogany Run Dr.	Katy	TX	77494
Public Meeting Attendee	David	Swaim	9859 Briarwild Lane	Houston	TX	77080
Public Meeting Attendee	David	Swain	P.O. Box 40027	South Padre Island	ТХ	78597
Public Meeting Attendee	Roger & Linda	Swenson	220 Dairy Lane NE	Bemidje	MN	56601
Public Meeting Attendee	Clyde	Syma	24627 State Hwy 172	Port Lavaca	TX	77979
Public Meeting Attendee	Debra L.	Tabbert	111 Buffalo Creek Dr.	Crandall	TX	75114
Public Meeting Attendee	Eric	Tabbert	111 Buffalo Creek Dr.	Crandall	TX	75114
Public Meeting Attendee	Hugh	Tackett	P.O. Box 363	Port Bolivar	TX	77650
Public Meeting Attendee	Stefanie	Tackett		Port Bolivar	ТХ	77651
Public Meeting Attendee	Tonya	Tallard	P.O. Box 2532	South Padre Island	TX	78597
Public Meeting Attendee	Jennelle	Tanner	2208 Keller Bay Court	Friendswood	TX	77546
Public Meeting Attendee	Alma	Tapia	5043 Gulf Stream Ln	Bacliff	TX	77518
Public Meeting Attendee	Michelle	Tapia	5043 Gulf Stream Ln	Bacliff	TX	77518
Public Meeting Attendee	Matt	Tasler	P.O.Box 1039	Dickinson	TX	77539
Public Meeting Attendee	Jeff	Tave	302 Pine View Circle	El Lago	TX	77586-5841
Public Meeting Attendee	Charles	Taylor	2414 Baycrest Dr.	Nassau Bay	TX	77058
Public Meeting Attendee	Susan	Taylor	2414 Baycrest Drive	Houston	TX	77058
Public Meeting Attendee	William	Taylor	2419 Avenue O	Galveston	TX	77550
Public Meeting Attendee	Susan Standefer	Taylor	P.O. Box 1143	Crystal Beach	TX	77650
Public Meeting Attendee	Kelly	Teichman	9740 Teichman Road	Galveston	TX	77554
Public Meeting Attendee	Gary	Templeton	5001 Bayou Bend Dr.	Dickinson	TX	77539
Public Meeting Attendee	Susan	Tennewald	3408 Avenue R1/2	Galveston	TX	77550
Public Meeting Attendee	Melissa	Terrell	2605 Austin Street	League City	TX	77573
Public Meeting Attendee	Susan	Theiss	P.O.Box 3291	Galveston	TX	77552
Public Meeting Attendee	Apryl	Thim	23507 Chisolm Trail	Montgomery	TX	77316
		Thomas	2727 Travis St #827		TX	77006
Public Meeting Attendee	Christopher	THUIIIds	2/2/ 11 dv15 31 #02/	Houston	17	//000

Stakeholder Category	First Name	Last Name	Mailing Address	City	State	Zip
Public Meeting Attendee	Ray	Thomas	5421 Anselmo	Groves	ТΧ	77619
Public Meeting Attendee	Aaron	Thomas	P.O. Box 939	Anahuac	ΤX	77514
Public Meeting Attendee	Oneal	Thompson	1014 B Lakewood Dr	Pasadena	ТΧ	77504
Public Meeting Attendee	Oneal	Thompson	1014 B Lakewood Dr. 2518	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Cynthia	Thompson	4495 Bean Rd.	Orange	ТΧ	77630
Public Meeting Attendee	Steve	Thompson	4495 Bean Rd.	Orange	ТΧ	77630
Public Meeting Attendee	Sondra	Thompson	5421 Anselmo	Groves	ΤX	73619
Public Meeting Attendee	Richard and Lana	Thompson	P.O. Box 1283	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Jennifer	Thompson	P.O. Box 2597	Crystal Beach	TX	77650
Public Meeting Attendee	Ray	Thompson	P.O.Box 1726	Groves	ТΧ	77619
Public Meeting Attendee	Alex	Thompson	P.O.Box 1727	Groves	TX	77619
Public Meeting Attendee	Dennis	Thornton	16207 Darksley	Houston	TX	77059
Public Meeting Attendee	Dennis	Thornton	2437 Bay area Blvd #361	Houston	TX	77058
Public Meeting Attendee	Steven	Thrower	3017 Uvalde	Nederland	ΤX	77627
Public Meeting Attendee	Patrick	Tinsley	P.O. BOX 2386	Crystal Beach	ΤX	77650
Public Meeting Attendee	Elinor	Tinsley	P.O. Box 2386	Crystal Beach	TX	77650
Public Meeting Attendee	Elinor	Tinsley	P.O. BOX 2386	Crystal Beach	ΤX	77650
Public Meeting Attendee	Lance	Toler	96 St. Joseph Ave.	Port Lavaca	ТΧ	77979
Public Meeting Attendee	Martha	Toler	96 St. Joseph Ave.	Port Lavaca	ΤX	77979
Public Meeting Attendee	Billy	Tomlinson	PO Box 2424	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Liliana	Torres	2900 N. Braeswood Blvd #6218	Houston	TX	77035
Public Meeting Attendee	Dennis	Townsend	9211 Jamaica Beach	Galveston	ТΧ	77554
Public Meeting Attendee	Lori & Don	Traweek	2022 Lakeside Landing	Seabrook	ТΧ	77586
Public Meeting Attendee	Sidney	Tregre	P.O. Box 28	Galveston	TX	77553
Public Meeting Attendee	Lisa	Trevino	1907 103rd Street	Galveston	ТΧ	77554
Public Meeting Attendee	Jonathan	Tromm	1315 Post Office St	Galveston	ТΧ	77550
Public Meeting Attendee	William	Tucker	844 Signature Cove	League City	TX	77573
Public Meeting Attendee	Brian	Tulloch	2 Pine Bluff	La Porte	ТΧ	77571
Public Meeting Attendee	Jeanie	Turk	101 Pinegarden	Sourlake	TX	77659
Public Meeting Attendee	Philip	Turk	3512 Dominique Drive	Galveston	TX	77551
Public Meeting Attendee	DD	Turner	107 E Austin	Port Lavaca	TX	77979
Public Meeting Attendee	Dennis	Turner	3315 Quiet Lake Drive	Katy	ТΧ	77450
Public Meeting Attendee	Geralis Wayne	Turner	P.O. Box 2439	Crystal Beach	TX	77650
Public Meeting Attendee	Kim	Tweedel	12 Stiles St	Houston	TX	77011
Public Meeting Attendee	Dick	Tyson	P.O. Box 1326	Alvin	TX	77512
Public Meeting Attendee	Beth	Ulrich	4135 Courageous Lane	Galveston	ТΧ	77554
Public Meeting Attendee	Paul	Urbanek	1303 24th Street	Galveston	TX	77550
Public Meeting Attendee	Frank	Urbanic	16227 Barcelona	Friendswood	ТΧ	77546
Public Meeting Attendee	Sarah	Utley	1019 Congress	Houston	ТΧ	77002
Public Meeting Attendee	Rachel	Vail	2308 Water Way	Seabrook	ТΧ	77586
Public Meeting Attendee	Kristen	Vale	347 Village Creek Drive	Webster	ТΧ	77598
Public Meeting Attendee	Jacque	Van Camp	11947 FM 3005 #604	Galveston	ТΧ	77554
Public Meeting Attendee	Kim	Van Camp	11947 FM 3005 Apt 604	Galveston	ТΧ	77554
Public Meeting Attendee	Dave & Liz	Van Orstrand	1102 Juniper Canyon Lane	Houston	ТΧ	77062
Public Meeting Attendee	Ira	Van Scoyol	9515 Twin Oaks Drive	Manvel	ТΧ	77578
Public Meeting Attendee	Dan	VanDeventer	1129 Buddy Kirk	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Ginger	VanDeventer	1129 Buddy Kirk	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Ira	VanScoyoc	9515 Twin Oaks Dr.	Manuel	ТΧ	77578
Public Meeting Attendee	Desiree	Vargas	3501 Pawnee Dr	La Porte	TX	77571
Public Meeting Attendee	Christina	Vazquez	2902 SeaBright Court	League City	ТΧ	77573
Public Meeting Attendee	Teresa	Vazquez-Evans	1411 Kipp Avenue	Kemah	TX	77565
Public Meeting Attendee	Para G	Vedawala	1508 San Antonion Ave.	MP	CA	96028
Public Meeting Attendee	Joe E.	Vega	33174 State Park Rd 100-South	South Padre Island	ТΧ	78597

Stakeholder Category	First Name	Last Name	Mailing Address	City	State	Zip
Public Meeting Attendee	Ted	Vega	P.O. Box 2971	Gilchrist	ТΧ	77617
Public Meeting Attendee	Ted	Vega	P.O.Box 2971	Gilchrist	ТΧ	77617
Public Meeting Attendee	Veronica	Vela	3806 Kingston Dr.	Corpus Christi	ТΧ	78415
Public Meeting Attendee	Glenn	Venables	18222 Caprice Lane	Houston	ТΧ	77058
Public Meeting Attendee	Valerie	Ventresca	RR4 Box 225010-4108 Isla Del Sol Drive	Galveston	ТΧ	77554
Public Meeting Attendee	Charles	Verret	2848 Beldon	Port Arthur	ТΧ	77642
Public Meeting Attendee	Jennie	Vickers	15003 Metthe Dr	Austin	ТΧ	78234
Public Meeting Attendee	Xavier	Villarreal	26839 Kernegay Rd	San Benito	ТΧ	78586
Public Meeting Attendee	Dr. Victor	Viser	1401 24th St	Galveston	ΤХ	77550
Public Meeting Attendee	Michael	Vorpe	4203 Shady Spring Drive	Seabrook	ТХ	77586
Public Meeting Attendee	Robert	Vorpe	4203 Shady Springs Dr.	Seabrook	ΤХ	77586
Public Meeting Attendee	Brad	Vratis	809 S Van Ostrand Ave	Winnie	ТХ	77665
Public Meeting Attendee	Charles	Vu	2161 Navajo Pass	League City	ТХ	77573
Public Meeting Attendee	Jim	Wade	2745 Ruth Lane	Port Neches	TX	77651
Public Meeting Attendee	Mitzi	Wade Hays	P.O. Box 1331	Crystal Beach	ТХ	77650
Public Meeting Attendee	Dennis	Wagner	17520 Bristow Drive	Galveston	TX	77554
Public Meeting Attendee	David	Walker	P.O. Box 1156	Crystal Beach	ТХ	77650
Public Meeting Attendee	Stormy	Wall	P.O. Box 2481	South Padre Island	TX	78597
Public Meeting Attendee	John	Waller	1300 Mission Hill Dr.	College Station	TX	77845
Public Meeting Attendee	Rick	Walter	2414 Laurel Walk Ct.	Katy	TX	77494
Public Meeting Attendee	Vicki J.	Walter	2414 Laurel Walk Ct.	Katy	TX	77494
Public Meeting Attendee	Mike	Walz	P.O. Box 1395	Crystal Beach	TX	77650
Public Meeting Attendee	Jim	Ward	120 Bonham St.	Port Lavaca	TX	77979
Public Meeting Attendee	James	Ward	8810 Black Hoise	Beach City	TX	77523
	Kathy	Ward	8810 Black Hoise	Beach City	TX	77523
Public Meeting Attendee		Warner			TX	76643
Public Meeting Attendee	Trey Mark W		828 Cheyenne Trl	Hewitt	TX	70043
Public Meeting Attendee		Warp	3139 Fondren Street	La Porte		
Public Meeting Attendee	Douglas	Warren	1611 Pine Crest	Pearland	TX	77581
Public Meeting Attendee	Dennis	Warwick	2314 52nd Street	Galveston	TX	77551
Public Meeting Attendee	Sue	Warwick	2314 52nd Street	Galveston	TX	77551
Public Meeting Attendee	Melissa	Washington	2903 Amber Hill Trail	Pearland	TX	77581
Public Meeting Attendee	Edith Harvard	Watson	P.O. Box 625	Port Bolivar	TX	77650
Public Meeting Attendee	Joseph	Wayne	18530 Barbuda Ln	Houston	TX	77058
Public Meeting Attendee	Jody	Weaver	3698 FM 2235	Port Lavaca	ТХ	77979
Public Meeting Attendee	Kenneth	Weaver	7315 Hampton Ct.	Lumberton	TX	77657
Public Meeting Attendee	Janet	Weaver	P.O. Box 387	Port Lavaca	ТХ	77979
Public Meeting Attendee	Jed	Webb	174 Calder Road Suite 150	League City	ТХ	77573
Public Meeting Attendee	Jed	Webb	518 Saffron St.	League City	ТХ	77573
Public Meeting Attendee	Janet	Webb	8342 Knurled Oak Lane	Spring	ТΧ	77379
Public Meeting Attendee	Andrew	Weber	3007 Ave 0 1/2	Galveston	ТΧ	77550
Public Meeting Attendee	Terry	Weir	152 Hermitage Dr	Montgomery	ТΧ	77356
Public Meeting Attendee	Craig & Sheri	Weisiger	1906 Claiborne Drive	League City	ТΧ	77573
Public Meeting Attendee	James	Welch	1115 Pine Circle	Taylor Lake Village	ТΧ	77586
Public Meeting Attendee	Mary	Welch	1115 Pine Circle	Seabrook	ТΧ	77586
Public Meeting Attendee	Brett	Weldy	625 Wade St	Beaumont	ТΧ	77706
Public Meeting Attendee	Charles	Wells	11769 FM 365	Beaumont	ТΧ	77705
Public Meeting Attendee	Sharon	Wells	11769 FM 365	Beaumont	ТΧ	77705
Public Meeting Attendee	Randy	West	P.O. BOX 596	Hardin	ТΧ	77561
Public Meeting Attendee	Sue	West	P.O. BOX 596	Hardin	ТΧ	77561
Public Meeting Attendee	Peter	Westerkamp	2314 Leslie's Ct.	Friendswood	ТΧ	77546
Public Meeting Attendee	Lemoine	Westerman	12834 Corpus Christi St.		ТΧ	77015
Public Meeting Attendee	Mark	Westerman	P.O. BOX 445	Seabrook	ТХ	77586
Public Meeting Attendee	George	Whaley	1518 Poplar Cove	La Porte	ΤХ	77571

Stakeholder Category	First Name	Last Name	Mailing Address	City	State	Zip
Public Meeting Attendee	Alexandra	Wheeler	1051 Louisiana Ave	Houston	ТΧ	77002
Public Meeting Attendee	Alexandra	Wheeler	1051 Louisiana Ave.	League City	ТΧ	77573
Public Meeting Attendee	Harold L.	Whitaker	915 Falling Leaf Drive	Friendswood	ТΧ	77546
Public Meeting Attendee	Richard	White	1295 Blue Heron	Bayou Vista	ТΧ	77563
Public Meeting Attendee	Richard	White	1295 Blue Heron St	Bayou Vista	ТΧ	77563
Public Meeting Attendee	Patricia	White	1332 Cood Road	Winnie	ТΧ	77656
Public Meeting Attendee	Edward	White	841 Buell St.	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Ben	White	9164 Jamaica Beach	Galveston	ТΧ	77554
Public Meeting Attendee	James	White	P.O. Box 21	Hillister	ТΧ	77624
Public Meeting Attendee	Mary Katherine	White	P.O. BOX 35	Stowell	ТΧ	77661
Public Meeting Attendee	Heidi	Whitehead	4700 Avenue U	Galveston	ТΧ	77551
Public Meeting Attendee	Jack	Whitlow	123 E. Main	Port Lavaca	ТΧ	77979
Public Meeting Attendee	Greg	Whittaker	34 Lebron Ct	Galveston	ТΧ	77551
Public Meeting Attendee	Greg	Whittaker	34 Lebrun Court	Galveston	ТΧ	77551
Public Meeting Attendee	Greg	Whittaker	34 Lebrun Ct.	Galveston	ТХ	77551
Public Meeting Attendee	Cory	Wilder	1904 W Grand Parkway N Suite 110	Katy	ТХ	77449
Public Meeting Attendee	Don	Wilkerson	P.O. Box 2606	Galveston	ТХ	77550
Public Meeting Attendee	Elaine	Wilkins	P.O.Box 893	Port Boliver	ТΧ	77650
Public Meeting Attendee	Donald	Williams	11842 Ostermeyer	Galveston	ТΧ	77554
Public Meeting Attendee	Linda	Williams	121 Williams Lane	Port Lavaca	ТХ	77979
Public Meeting Attendee	Corey	Williams	16922 Lighthouse View Dr.	Friendswood	ТΧ	77546
Public Meeting Attendee	Zach	Williams	5025 Woodrow Avenue	Galveston	ТΧ	77551
Public Meeting Attendee	Lauren	Williams	626 Pasadena Place	Pasadena	TX	77506
Public Meeting Attendee	J.H (Jay)	Williams	809 Baver Ave	League City	TX	77573
Public Meeting Attendee	Jose	Williams	P.O.Box 1134	Crystal Beach	TX	77650
Public Meeting Attendee	Micheal S.	Williamson	317 Ohio Ave.	Corpus Christi	TX	78404
Public Meeting Attendee	Kimberly	Willis	1316 South 16th	Nederland	TX	77627
Public Meeting Attendee	Heather	Willis	P.O. Box 1807	Crystal Beach	TX	77650
Public Meeting Attendee	William	Wills	1316 516th Street	Nederland	TX	77627
Public Meeting Attendee	Steve	Wilson	2118 Walnut Bend Ln	Houston	ТХ	77002
Public Meeting Attendee	Frederick	Wilson	2911 Auburn Creek Lane	League City	TX	77573
Public Meeting Attendee	Taylor	Wilson	3120 H Drive	Galveston	TX	77551
Public Meeting Attendee	John E.	Wilson	520 surf Oaks Drive	Seabrook	ТХ	77586
Public Meeting Attendee	Devin	Wilson	P.O. Box 353	Thornton	TX	76687
Public Meeting Attendee	Amber	Wingo	8906 Teichman Road	Galveston	TX	77554
Public Meeting Attendee	Michael	Wise	5031 Kent Ave	Groves	TX	77619
Public Meeting Attendee	Larry	Wise	510 W. 23rd Street	Houston	ТХ	77008
Public Meeting Attendee	Todd	Wisher	P.O. Box 1384	Galveston	TX	77553
Public Meeting Attendee	Todd	Woodruth	18216 Bal Harbour Dr.	Houston	ТХ	77058
Public Meeting Attendee	Mike	Woods	2526 Ave. N	Galveston	TX	77550
Public Meeting Attendee	Carol	Woods	P.O. Box 2489	Crystal Beach	ТХ	77650
Public Meeting Attendee	Leonard	Woolson	28 Colony Park Circle	Galveston	TX	77551
Public Meeting Attendee	Jacquelyn W.	Worthy	902 Mystic Village Lane	Seabrook	TX	77586
Public Meeting Attendee	Cynthia	Wright	P.O. Box 2303	Crystal Beach	TX	77650
Public Meeting Attendee	Billy	Wright	P.O.Box 2631	Galveston	TX	77550
Public Meeting Attendee	Sue	Wukoson	241 Reinicke St.	Houston	TX	77007
Public Meeting Attendee	David J.	Wukoson	706 Salt Cedar	Port Bolivar	TX	77650
Public Meeting Attendee	Carey	Yellig	4 Bay Harbor Dr	La Porte	TX	77571
Public Meeting Attendee	Alfred	Yost	26 Pirates Beach West	Galveston	TX	77554
Public Meeting Attendee	Heather	Young	1253 Sailfish	Bayou Vista	TX	77563
Public Meeting Attendee	Angela	Young	210 24th Ave North	Texas City	TX	77590
Public Meeting Attendee	John	Young	24986 Rice Tract Rd	San Benito	TX	78586-6660
Public Meeting Attendee	Krith	Zahar	P.O. BOX 1556	Crystal Beach	TX	77650
i usite meeting Attenuee	KIRI	Zunai	1.0. DOX 1000	Crystal Deach		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

Stakeholder Category	First Name	Last Name	Mailing Address	City	State	Zip
Public Meeting Attendee	Keitio	Zahar	P.O.Box 1556	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Reem	Zaher	3333 Luella Blvd	La Porte	ΤX	77571
Public Meeting Attendee	Poggy	Zahlor	1802 Rampart St	League City	ТΧ	77573
Public Meeting Attendee	Mark	Zehler	16022 Singapore Lane	Jersey Village	ТΧ	77040
Public Meeting Attendee	Lin	Zhang	6300 Ocean Dr.	Corpus Christi	ТΧ	78412
Public Meeting Attendee	Wanda	Zimmer	100 West 4th Street	Kemah	ТΧ	77565
Public Meeting Attendee	Gordon	Zinn	P.O. Box 2217	Crystal Beach	ТΧ	77650
Public Meeting Attendee	Michael	Zotzky	420 Marina Drive	Port Aransas	ТΧ	78373

### Mailed Notice

October 16, 2020

# COASTAL**TEXAS** STUDY



# RELEASE OF DRAFT FEASIBILITY REPORT & DRAFT ENVIRONMENTAL IMPACT STATEMENT

The U.S. Army Corps of Engineers (Corps) and its local study partner, the Texas General Land Office (GLO), are seeking your comments on the Coastal Texas Protection and Restoration Feasibility Study (Coastal Texas Study) second Draft Feasibility Report and Draft Environmental Impact Statement. The purpose of the Coastal Texas Study is to identify coastal storm risk management and ecosystem restoration measures that would protect the health and safety of Texas coastal communities, reduce the risk of storm damage to industries and businesses critical to the Nation's economy, and address critical coastal ecosystems in need of restoration.

The reports will be available to download on the project website at **CoastalStudy.Texas.gov** beginning October 30, 2020. These documents will be circulated to resource agencies and interested members of the public for a 45-day comment period.

#### HOW TO PROVIDE COMMENTS:

MAIL: USACE— Galveston District Attn: Mr. Jeff Pinsky Environmental Compliance Branch Regional Planning and Environmental Center P.O. Box 1229 Galveston, TX 77553-1229

EMAIL: coastaltexas@usace.army.mil

Comment Deadline: December 14, 2020

#### JOIN US FOR OUR VIRTUAL PUBLIC MEETINGS

On March 24, 2020, the Corps issued a memorandum for Interim Army Procedures for National Environmental Policy Act (NEPA) in response to the coronavirus (COVID-19) pandemic. In response to this memorandum, the Corps determined that the public meetings for the proposed Project would be moved to a virtual platform. A series of six virtual public meetings will be held online as detailed below:

Monday, November 16, 2020 11 AM – 1 PM & 6 PM – 8 PM Thursday, December 3, 2020 11 AM – 1 PM & 6 PM – 8 PM Tuesday, December 8, 2020 11 AM – 1 PM & 6 PM – 8 PM

The virtual public meetings will be presented to provide information about the proposed Project and to receive public input and comment on the draft reports. Visit the Study website at <u>coastalstudy.texas.gov</u> for access and registration information, instructions, an opportunity to subscribe to future project updates, and additional information regarding this Project.

#### News Releases

October 30, 2020

December 7, 2020



**TEXAS GENERAL LAND OFFICE** George P. Bush, Commissioner

1700 N. Congress Ave. • Austin, TX 78701-1495 • 512-463-5339 • FAX: 512-475-1415

#### PRESS RELEASE

#### SECOND PUBLIC COMMENT PERIOD FOR COASTAL TEXAS STUDY BEGINS TODAY

FOR IMMEDIATE RELEASE October 30, 2020 Contact: Karina Erickson Press Secretary Texas General Land Office (512) 475-5144 Karina.Erickson@GLO.Texas.Gov

AUSTIN — The Texas General Land Office (GLO) and the U.S. Army Corps of Engineers (USACE) will be hosting a second round of public meetings on the Coastal Texas Study to update the community regarding study changes and to hear community feedback on the Draft Proposal. Due to COVID-19, these meetings will be virtual. The revised Coastal Texas Study Draft Proposal is now available and is open for a 45day public review and comment period beginning on October 30, 2020, and ending on December 14, 2020. View and download the report here.

The Coastal Texas Protection & Restoration Feasibility Study, or the Coastal Texas Study, is a comprehensive study to examine the feasibility of construction projects for coastal storm risk management and ecosystem restoration along the Texas coast. Throughout the study process, public feedback is critical to understanding the needs and opportunities along the Texas coast. The intent of the public comment period is to receive ideas and concerns from the citizens of Texas. Constituent feedback is a vital part of this process. The Texas GLO and USACE remain committed to ensuring the voices of the people of Texas are heard.

Meetings entail live remarks from USACE Galveston District Commander Col. Timothy Vail and Texas GLO Deputy Commissioner Mark Havens, followed by a detailed overview of the Draft Proposal. Public meeting attendees then will have the opportunity to comment on the study if desired.

"Community feedback is vital to the success of this study," said Deputy Land Commissioner Mark Havens. "As the local sponsor, The Texas General Land Office will do everything in its power to ensure local needs and concerns are reflected in the final report. After the last public comment period, the Study Team made significant changes to reflect local concerns, and we look forward to again hearing from the community in this second phase of public comments."

"The overly active 2020 Hurricane Season has once again shown us we must take action to reduce storm surge and flood risks along our Texas coastline," said Vail. "The U.S. Army Corps of Engineers is committed to ensuring the public has updated information on our ongoing 'Coastal Barrier' project, which identifies storm risk management and ecosystem restoration measures needed to protect the health and safety of Texas coastal communities. This plan would also reduce the risk of storm damage to industries and businesses critical to the Nation's economy. We have revised the original designs based on public feedback and now we again invite you to review and comment on this revised plan."

The dates and sign up links for public meetings are as listed below:

- ï¿<sup>1</sup>⁄2 <u>November 16, 11 AM 1 PM</u>
- ï¿<sup>1</sup>⁄2 <u>November 16, 6 8 PM</u>
- ï¿<sup>1</sup>⁄2 December 3, 11 AM 1 PM
- ï¿<sup>1</sup>⁄<sub>2</sub> December 3, 6 8 PM
- ï¿<sup>1</sup>⁄2 December 8, 11 AM 1 PM
- ï¿1⁄2 December 8, 6 8 PM

To submit a comment or ask a question by mail, e-mail, or phone, see contact information and further instructions on the <u>Coastal Texas Study website</u>.



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### PRESS RELEASE

#### GLO AND USACE GRANT 30-DAY EXTENSION OF COASTAL TEXAS STUDY PUBLIC COMMENT PERIOD

The study team seeks to maximize the public's feedback on proposed features

FOR IMMEDIATE RELEASE December 07, 2020

Contact: Karina Erickson Press Secretary Texas General Land Office (512) 475-5144 Karina.Erickson@GLO.Texas.Gov

AUSTIN — The Texas General Land Office (GLO) and the U.S. Army Corps of Engineers (USACE) have extended the public comment period for the Coastal Texas Study by an additional 30 days to allow public stakeholders and the local community more time to comment on the Draft Report. The Coastal Texas Study Draft Report was initially released on Oct. 30, 2020, and was open for a 45-day public review and comment period ending on Dec.14, 2020.

The new end date for the comment period will be Jan. 13, 2021, bringing the public comment period to a total of 75 days.

Throughout the study process, public feedback is critical to understanding the needs and opportunities along the Texas coast. The intent of the public comment period is to receive ideas and concerns from the citizens of Texas. Constituent feedback is a vital part of this process. The Texas GLO and USACE remain committed to ensuring the voices of the people of Texas are heard.

The GLO and USACE have already hosted four National Environmental Policy Act (NEPA) required public meetings where attendees received a detailed overview of the Second Draft Proposal. The final two NEPA public meetings will occur Dec. 8, 2020, at which time the public will again have the opportunity to comment on the study if desired. Information about registration and times for these last two public meetings can be found on the <u>Coastal Texas Study website</u>.

In addition to the NEPA required public meetings, the GLO and the USACE have also held two public information sessions to answer the public's questions and explain study features. Videos from these public meetings can also be found on the study website. The GLO and USACE have also made interactive GIS StoryMap technology available to the public to animate the complicated concepts discussed in the Draft Proposal. The GIS StoryMaps allow the public to:

- $\ddot{i}_{c}$ <sup>1</sup>/<sub>2</sub> See the difference in flooding this project could make in the Houston and Galveston areas
- $\ddot{\imath}_{\dot{c}} \dot{\imath}_{2}$  Experience a virtual landscape with the proposed beach and dune systems in place
- $\ddot{\imath}_{\dot{c}} \ensuremath{^{1\!\!2}}$  Examine potential environmental impacts and review our proposed mitigation plans

The StoryMaps can be accessed <u>here</u> or through the Coastal Texas Study website.

View and download the report <u>here</u>. To submit a comment or ask a question by mail, e-mail, or phone, the public can see contact information and further instructions on the <u>Coastal Texas Study website</u>.

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#### **Coastal Texas Study** Stakeholder Email List

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Elected Official	Michael T.	McCaul	U.S Representatve Dst. 10	michael.mccaul@mail.house.gov
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Elected Official	Sylvia	Garcia	U.S Representatve Dst. 29	sylvia.garcia@senate.texas.gov
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Elected Official	John	Cornyn	U.S. Senator	Jay_Guerrero@cornyn.senate.gov
Elected Official	Ted	Cruz	U.S.Senator	press@cruz.senate.gov
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Elected Official	Kevin M.	Janak	Victoria County Commissioner Pct. 2	bzeller@vctx.org
Elected Official	Gary	Burns	Victoria County Commissioner Pct. 3	bzeller@vctx.org
Elected Official	Clint	lves	Victoria County Commissioner Pct. 4	bzeller@vctx.org
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Elected Official	Eduardo "Eddy"	Gonzales	Willacy County Commissioner Pct. 4	eduardo.gonzales@co.willacy.tx.us
Elected Official	Aurelio "Keter"	Guerra, Jr.	Willacy County Judge	aurelio.guerra@co.willacy.tx.us
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Public Meeting Attendee	Alan	Hill		waterhill@earthlink.net
Public Meeting Attendee	Davis	Hill		davishilld0d@hc.com
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Public Meeting Attendee	Sue	Sheridan		ssheridan2@mindspring.com
Public Meeting Attendee	Billy J.	Shipp Sr.		saltucterbs@gmail.com
Public Meeting Attendee	Michael	Shriner		mkshriner@msn.com
Public Meeting Attendee	Gwen	Sifford		suesifford1070@att.net
Public Meeting Attendee	Renee	Sikes		sikerm7@gmail.com
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Public Meeting Attendee	Connor	Simmonds		connor.simmonds@marcusmillichap.com
Public Meeting Attendee	Bruce	Simons		bruce.simons@glo.texas.gov
Public Meeting Attendee	Allen	Sims		Asims@cja.com
Public Meeting Attendee	Allen	Sims		adsimspe@gmail.comasims@cja.com
Public Meeting Attendee	Andrea	Sims-Kaptchinshe		simskiellc@gmail.com
Public Meeting Attendee	Ed	Singleton		drees1@yahoo.com
Public Meeting Attendee	Steve	Singleton		ssingleton@26consulting.com
Public Meeting Attendee	Cindy	Singleton		csivon2@gmail.com
Public Meeting Attendee	Paul	Sivon		sivonp@hotmail.com
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Public Meeting Attendee	Kirsten	Smirl		kirstensmirl@gmail.com
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Public Meeting Attendee	Scott	Smith		joebiker44@gmail.com
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Public Meeting Attendee	Art	Smith		art.smith@agrimarservices.com
Public Meeting Attendee	Molly	Smith		molly.smith24@gmail.com
Public Meeting Attendee	Debbie	Socias		tonybnoswrecker@yahoo.com
Public Meeting Attendee	James	Somerville		jim@shopbeachbuddies.com
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Public Meeting Attendee	Sydney	Sonnier		sydcson@yahoo.com
Public Meeting Attendee	Colby	Sorrells		TexasBassBugger@yahoo.com
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Public Meeting Attendee	Ruby	Standefer		stayler70@comcast.net
Public Meeting Attendee	Murray	Starkel		murray.starkel@ecoservivepartners.com
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	-			

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Public Meeting Attendee	Orbin	Thompson		orbin thompson@yahoo.com
Public Meeting Attendee	Richard and Lana	Thompson		toldwingspider@yahoo.com
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Public Meeting Attendee	Angela	Vetello		Vetell.gigi@gmail.com
Public Meeting Attendee	Jennie	Vickers		jennievickers@gmail.com
Public Meeting Attendee	Stuart	Villanueva		stuart.villanueva@galvnews.com
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Public Meeting Attendee	Dr. Victor	Viser		viser@tamu.edu
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Public Meeting Attendee	Michael	Vorpe		vorpeman@yahoo.com
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Public Meeting Attendee	Jeff	Wade		wadeje@lpisd.edu
Public Meeting Attendee	Jim	Wade		yougotjim@gmail.com
Public Meeting Attendee	Don	Wade		djwade620@gmail.com
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Public Meeting Attendee	Dennis	Wagner		dew1688@aol.com
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Public Meeting Attendee	Stormy	Wall		stormywall@yahoo.com
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Public Meeting Attendee	Melissa	Washington		melissa.washington.glo@recovery.texas.gov
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Public Meeting Attendee	Chuck	Wemple		cwemple@h-gac.com
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		NA CH		donewilkerson@gmail.com
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Public Meeting Attendee	Peggy	Zahler		zahlerp@comcast.net
Public Meeting Attendee	Poggy	Zahlor		zahlorp@comcast.net
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	Lin	Zhang		lin.zhang@tamucc.edu
Public Meeting Attendee				

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Public Meeting Attendee	Fancett			dfancett1113@yahoo.com
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### **Email Notices**

October 17, 2020 October 30, 2020 December 14, 2020





## RELEASE OF DRAFT FEASIBILITY REPORT & DRAFT ENVIRONMENTAL IMPACT STATEMENT

### COMING OCTOBER 30: Read the Draft Report & Draft Environmental Impact Statement

The U.S. Army Corps of Engineers (Corps) and its local study partner, the Texas General Land Office (GLO), are seeking your comments on the Coastal Texas Protection and Restoration Feasibility Study (Coastal Texas Study) second Draft Feasibility Report and Draft Environmental Impact Statement.

The purpose of the Coastal Texas Study is to identify coastal storm risk management and ecosystem restoration measures that would protect the health and safety of Texas coastal communities, reduce the risk of storm damage to industries and businesses critical to the Nation's economy, and address critical coastal ecosystems in need of restoration.

The reports will be available to download on the <u>project website</u> beginning October 30, 2020.

These documents will be circulated to resource agencies and interested members of the public for a 45-day comment period.

#### Join Us for Our Virtual Public Meetings

On March 24, 2020, the Corps issued a memorandum for Interim Army Procedures for National Environmental Policy Act (NEPA) in response to the coronavirus (COVID-19) pandemic.

In response to this memorandum, the Corps determined that the public meetings for the proposed Project would be moved to a virtual platform.

The virtual public meetings will be presented to provide information about the proposed Project and to receive public input and comment on the draft reports.

A series of six virtual public meetings will be held online. <u>Click here</u> for access and registration information and instructions, or register for one of the upcoming meetings below:

#### November 16 | 11 AM – 1 PM

November 16 | 6 PM – 8 PM

December 3 | 11 AM – 1 PM

December 3 | 6 PM – 8 PM

#### December 8 | 11 AM – 1 PM

December 8 | 6 PM - 8 PM

#### How to Provide Comments:

MAIL:

USACE— Galveston District Attn: Mr. Jeff Pinsky Environmental Compliance Branch Regional Planning and Environmental Center P.O. Box 1229 Galveston, TX 77553-1229

EMAIL:

coastaltexas@usace.army.mil

#### **COMMENT DEADLINE: December 14, 2020**



Coastal Texas Study, P.O. Box 1229, Galveston, TX 77553-1229 Unsubscribe Manage preferences

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COASTAL**TEXAS** STUDY



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## **RELEASE OF DRAFT FEASIBILITY REPORT &** DRAFT ENVIRONMENTAL IMPACT STATEMENT

#### **Read the Draft Report & Draft Environmental Impact Statement**

The U.S. Army Corps of Engineers (Corps) and its local study partner, the Texas General Land Office (GLO), are seeking your comments on the Coastal Texas Protection and Restoration Feasibility Study (Coastal Texas Study) second Draft Feasibility Report and Draft Environmental Impact Statement.

The purpose of the Coastal Texas Study is to identify coastal storm risk management and ecosystem restoration measures that would protect the health and safety of Texas coastal communities, reduce the risk of storm damage to industries and businesses critical to the Nation's economy, and address critical coastal ecosystems in need of restoration.

The reports are available to download here.

These documents will be circulated to resource agencies and interested members of the public for a 45-day comment period.

#### Join Us for Our Virtual Public Meetings

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#### EMAIL:

coastaltexas@usace.army.mil

#### **COMMENT DEADLINE: December 14, 2020**



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COASTAL**TEXAS** STUDY



JS Army Corps of Engineers. Galveston District



## COMMENT PERIOD EXTENDED FOR DRAFT FEASIBILITY REPORT & DRAFT ENVIRONMENTAL IMPACT STATEMENT

The **Texas General Land Office (GLO)** and the **U.S. Army Corps of Engineers (USACE)** have extended the public comment period for the Coastal Texas Study by an additional 30 days to allow public stakeholders and the local community more time to comment on the Draft Report. The Coastal Texas Study Draft Report was initially released on Oct. 30, 2020, and was open for a 45-day public review and comment period ending on Dec.14, 2020.

## The new end date for the comment period will be January 13, 2021, bringing the public comment period to a total of 75 days.

Throughout the study process, public feedback is critical to understanding the needs and opportunities along the Texas coast. The intent of the public comment period is to receive ideas and concerns from the citizens of Texas. Constituent feedback is a vital part of this process. The Texas GLO and USACE remain committed to ensuring the voices of the people of Texas are heard.

#### **Read the Draft Report & Draft Environmental Impact Statement**

The U.S. Army Corps of Engineers (Corps) and its local study partner, the Texas General Land Office (GLO), are seeking your comments on the Coastal Texas Protection and Restoration Feasibility Study (Coastal Texas Study) second Draft Feasibility Report and Draft Environmental Impact Statement.

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These documents will be circulated to resource agencies and interested members of the public for a 75-day comment period.

#### How to Provide Comments:

MAIL: USACE— Galveston District Attn: Mr. Jeff Pinsky Environmental Compliance Branch Regional Planning and Environmental Center P.O. Box 1229 Galveston, TX 77553-1229

EMAIL:

coastaltexas@usace.army.mil

## **COMMENT DEADLINE: January 13, 2021**

Coastal Texas Study, P.O. Box 1229, Galveston, TX 77553-1229, United States
<u>Unsubscribe Manage preferences</u>

Send free email today

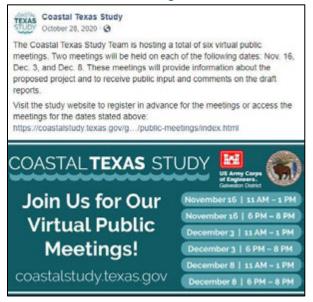
## Study Social Media

Facebook (@CoastalTXStudy)

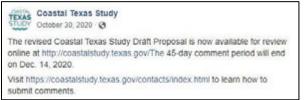
Twitter (@CoastalTXStudy)

#### Example Facebook Posts (@CoastalTXStudy)

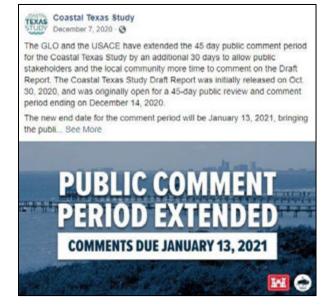
#### Virtual Public Meeting Announcement



#### Revised Draft Proposal Announcement



#### Public Review & Comment Period Announcement



### Example Twitter Posts (@CoastalTXStudy)

#### Virtual Public Meeting Announcement



#### **Revised Draft Proposal Announcement**

COASTAL TEXAS STUDY	The revised online at co Dec. 14, 202	astalstudy.texas.gov. 20. Istudy.texas.gov/cont	Draft Proposal is no The 45-day comme	w available for review int period will end on	
	Q	17	0	Ť	

#### Public Review & Comment Period Announcement



## Study Website

coastalstudy.texas.gov





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**Attendee Database** 

Meeting Date & Time	First Name	Last Name	Email	Phone	Address	City	State	Country	Zip	Public Comment?	Public Official?
November 16, 2020, 11 AM - 1PM	Carl	LeBlanc	carl@gt.rr.com	1-409-960-4776	279 Nelson Street	Orange	ТΧ	US	77630	Yes	No
November 16, 2020, 11 AM - 1PM	Heather	Young	heather.young@restorethegulf.gov	1-504-252-7716	1253 Sailfish	Bayou Vista	ТΧ	US	77563	No	No
November 16, 2020, 11 AM - 1PM	Christine	Jensen	christine.jensen@tpwd.texas.gov	1-2815340110	Texas Parks and Wildlife Dept, 1502 FM 517 E	Dickinson	ТΧ	US	77539	No	No
November 16, 2020, 11 AM - 1PM	Joan	Addison	jaddison3@comcast.net	1-2815063972	18054 Lakeside Ln	Houston	ТΧ	US	77058	No	No
November 16, 2020, 11 AM - 1PM	William	Kiene	wekiene@gmail.com	1-4095506214	14948 Dufief Dr	North Potomac	MD	US	20878	Yes	No
November 16, 2020, 11 AM - 1PM	Eric	Hersh	eric.hersh@stantec.com	1-5122281321	1905 Aldrich Street, Suite 300	Austin	ТΧ	US	78723	No	No
November 16, 2020, 11 AM - 1PM	Chase	Porter	cjporter2011@gmail.com	1-7136520077	1415 Fannin St.	Houston	ТΧ	US	77002	No	-
November 16, 2020, 11 AM - 1PM	Kimberly	Danesi	kdanesi@galvestonparkboard.org	1-4097975106	601 Tremont Street	Galveston	ТΧ	US	77550	No	No
November 16, 2020, 11 AM - 1PM	Zach	Rosen	zrosen@res.us	1-713-325-7219	6575 West Loop South Suite 300	Bellaire	ТΧ	US	77401	No	No
November 16, 2020, 11 AM - 1PM	11	Plunkett	jplunkett@houston-pilots.com	1-281-409-6119	203 Deerwood Glen Drive, Suite 1	Deer Park	ТΧ	US	77546	No	No
November 16, 2020, 11 AM - 1PM	Allison	Buchtien	allison.buchtien@glo.texas.gov	1-4097414057	BLDG 3026, Room 912 PO Box 1675	Galveston	ТΧ	US	77553	No	No
November 16, 2020, 11 AM - 1PM	Morgan	Garner	morgan.garner@stantec.com	1-417-860-6875	1303 Cloverleaf Dr.	Austin	ТΧ	US	78723	No	No
November 16, 2020, 11 AM - 1PM	Paresh	Patel	tnpatel@getesquared.org	1-8326899922	22210 Claysprings Lane	Katy	ТΧ	US	77450	No	No
November 16, 2020, 11 AM - 1PM	Justin	Bower	justin.bower@h-gac.com	1-713-499-6653	3555 Timmons Lane Suite 120	Houston	ТΧ	US	77077	No	No
November 16, 2020, 11 AM - 1PM	Harry	Craig	hlcraig45@aol.com	1-713 899 8257	839 Merridel	Houston	ТΧ	US	77024	Yes	No
November 16, 2020, 11 AM - 1PM	Kaleb	Bennett	kaleb.bennett@gmail.com	1-4054743581	2229 Mockingbird Drive	Round Rock	ТΧ	US	78681	No	No
November 16, 2020, 11 AM - 1PM	Sylvester	Rodriguez	sylvester.i.rodriguez@usace.army.mil	1-8172719722	4724 Saint Lawrence Rd	Fort Worth	ТΧ	US	76103	No	No
November 16, 2020, 11 AM - 1PM	Scott	Moorhead	scott.moorhead@audubon.org	1-5129249695	4513 Rowood Rd	Austin	ТΧ	US	78722	No	No
November 16, 2020, 11 AM - 1PM	Thomas	Heil	thomas.e.heil@gmail.com	1-2145025242	16919 Mouse Trap Drive	Round Rock	ТΧ	US	78681	No	No
November 16, 2020, 11 AM - 1PM	Jeffrey	Hill	jeffwhill@gmail.com	1-7135572538	3126 Lafittes Pt.	Galveston	ТΧ	US	77554	Yes	No
November 16, 2020, 11 AM - 1PM	Rebecca	Muckleroy	rebecca.muckleroy@cheniere.com	1-361-402-5286	2822 La Quinta Rd	Gregory	ТΧ	US	78359	No	No
November 16, 2020, 11 AM - 1PM	Leonard	Lachmann	llachmann@sbcglobal.net	1-9153734696	405 Harborside Way	Kemah	ТΧ	US	77565	No	No
November 16, 2020, 11 AM - 1PM	Craig	Maske	craig.maske@hcfcd.hctx.net	1-3462864041	9900 Northwest Freeway	Houston	ТΧ	US	77042	No	No
November 16, 2020, 11 AM - 1PM	Jason	Jacob	jjacob@doubleoakinc.com	1-8326419008	PO Box 979	Waller	ТΧ	US	77484	Yes	No
November 16, 2020, 11 AM - 1PM	Frank	Sands	frank@sgcompanycpas.com	1-972-998-4395	976 James Road	Gilchrist	ТΧ	US	77617	No	No
November 16, 2020, 11 AM - 1PM	Nick	Russo	nick.russo@eng.hctx.net	1-713-492-1174	1001 Preston, 5th floor	Houston	ТΧ	US	77002	No	No
November 16, 2020, 11 AM - 1PM	Ryan	Barfield	rbarfield@ceshepherd.com	1-281-787-4626	2221 Canada Dry St.	Houston	ТΧ	US	77023	No	No
November 16, 2020, 11 AM - 1PM	Randall	Lee Freeze	randall.freeze@glo.texas.gov	1-5123172442	1839 W Deberry	Aransas Pass	ТΧ	US	78336	No	No
November 16, 2020, 11 AM - 1PM	Nick	Kondejewski	nickk@seabrooktx.gov	1-2812915638	1100 Red Bluff Rd.	Seabrook	ТΧ	US	77586	No	No
November 16, 2020, 11 AM - 1PM	Devin	Monk	dmonk@spartnerships.com	1-5125313953	901 S. Mopac Expressway	Austin	ТΧ	US	78746	No	No
November 16, 2020, 11 AM - 1PM	Mike	Pearson	chorsediveatx@aol.com	1-512-627-8521	1210 Lakeshore Drive	Spicewood	ТΧ	US	78669	Yes	No
November 16, 2020, 11 AM - 1PM	G.	Cook	gcook@seabrooktx.gov	1-2816382384	1700 First Street 2nd Floor	Seabrook	ТΧ	US	77586	No	No
November 16, 2020, 11 AM - 1PM	Steve	Lemmon	lemmontv@hotmail.com	1-9034229346	540 Paxton Road	Gunter	ТΧ	US	75058	No	No
November 16, 2020, 11 AM - 1PM	April	Vance	april.vance@stantec.com	1-5026579171	13308 Ridgemoor Drive	Prospect	KY	US	40059	No	No
November 16, 2020, 11 AM - 1PM	Bee	Kothuis	b.l.m.kothuis@tudelft.nl	31-652686693	9a Pasteurstraat	Amsterdam	-	NL	1097 ER	No	No
November 16, 2020, 11 AM - 1PM	Eva	Lipiec	elipiec@crs.loc.gov	1-2027071815	101 Independence Ave S.E.	Washington	DC	US	20540	No	No
November 16, 2020, 11 AM - 1PM	Jordan	Frazier	jordan.mcginty@houstontx.gov	1-8323933017	900 Bagby First Floor	Houston	ТΧ	US	77006	No	No
November 16, 2020, 11 AM - 1PM	Lisa	Gonzalez	lgonzalez@harcresearch.org	1-2812221693	HARC 8801 Gosling Rd.	The Woodlands	ТΧ	US	77381	No	No
November 16, 2020, 11 AM - 1PM	Melissa	Washingyon	melissa.washington.glo@recovery.texas.gov	1-512-578-8947	2903 Amber Hill Trail	Pearland	ΤX	US	77581	No	No
November 16, 2020, 11 AM - 1PM	Faruk	Oksuz	oksuzf@bv.com	1-3126837850	4400 Post Oak Parkway Suite 1200	Houston	ΤX	US	77027	No	No
November 16, 2020, 11 AM - 1PM	Howard	Marlowe	howard.marlowe@warwickconsultants.net	1-2027875770	1717 K Street NW Suite 900	Washington	D.C.	US	20006	No	No
November 16, 2020, 11 AM - 1PM	mukesh	subedee	mukesh.subedee@tamucc.edu	1-3618252003	6300 Ocean Dr. Unit 5869	Corpus Christi	ΤX	US	78412	No	-
November 16, 2020, 11 AM - 1PM	Debra	Kelly	debra.kelly2@sarahcannon.com	1-2818512791	PO Box 1176	League City	ΤX	US	77574	No	No
November 16, 2020, 11 AM - 1PM	Kerry	Aycock	kerry1claire1@yahoo.com	1-602 329 8164	3351 Prides Way	Crystal Beach	ΤX	US	77650	No	No

Meeting Date & Time	First Name	Last Name	Email	Phone	Address	City	State	Country	Zip	Public Comment?	Public Official?
November 16, 2020, 11 AM - 1PM	Nancy	Brown	nbrown16@yahoo.com	1-8169141663	11 Augusta	Trinity	ТΧ	US	75862	No	No
November 16, 2020, 11 AM - 1PM	Joshua	Oyer	joshua.oyer@glo.texas.gov	1-5124755130	1700 N. Congress Ave	Austin	ТΧ	US	78701	No	No
November 16, 2020, 11 AM - 1PM	Danielle	Goshen	dgoshen@galvbay.org	1-6787130781	840 Cortlandt St Apt. 2	Houston	ТΧ	US	77007	No	No
November 16, 2020, 11 AM - 1PM	David	McCormick	dmccormick49@comcast.net	1-4097506411	500 Seawall Boulevard Unit 914	Galveston	ТΧ	US	77550	No	No
November 16, 2020, 11 AM - 1PM	Michael	Souliere	mpsouliere@eprod.com	1-713-381-6757	1100 Louisiana St	Houston	ТΧ	US	77002	No	No
November 16, 2020, 11 AM - 1PM	Pamela	Couch	pamelacouch@gmail.com	1-4097710011	1018 Johnson Rd. P. O. Box 2987	Gilchist	ТΧ	US	77617	Yes	No
November 16, 2020, 11 AM - 1PM	Marcelo	Moacyr	mmoacyr@bgeinc.com	1-7134888206	10777 Westheimer Rd Suite 400	Houston	ТΧ	US	77042	No	No
November 16, 2020, 11 AM - 1PM	lan	O'Sullivan	ian.p.o'sullivan@usace.army.mil	1-4097663003	1346 Coleman Boylan Drive	League City	ТΧ	US	77573	No	-
November 16, 2020, 11 AM - 1PM	Byron	Williams	byron.d.williams@usace.army.mil	1-4097663018	PO BOX 1229	Galveston	ТΧ	US	77553	No	No
November 16, 2020, 11 AM - 1PM	Brett	Campbell	brettc@kleinfelder.com	1-4258797555	16107 Copper Canyon Dr	Friendswood	ТΧ	US	77546	No	No
November 16, 2020, 11 AM - 1PM	Lauren	Hutch Williams	lauren.williams@tnc.org	1-5124231168	P.O. Box 81439	Corpus Christi	ТΧ	US	78468	No	No
November 16, 2020, 11 AM - 1PM	Mohamed	Bagha	mbagha@mbakerintl.com	1-2812991120	2002 W Grand Parkway N, Suite 325	Katy	ТΧ	US	77449	No	No
November 16, 2020, 11 AM - 1PM	Solomon	Kang	solomon.w.kang@usace.army.mil	1-2149183727	3213 Carlisle St	Bedford	ТΧ	US	76021	No	No
November 16, 2020, 11 AM - 1PM	Sarah	Damron	sdamron@surfrider.org	1-8312391520	PO Box 73550	San Clemente	CA	US	92673	No	No
November 16, 2020, 11 AM - 1PM	Molly	Smith	molly.smith24@gmail.com	1-703-395-8590	208 W. Saturn Lane	South Padre Island	ТΧ	US	78597	No	No
November 16, 2020, 11 AM - 1PM	Jake	Magee	jmagee@communityimpact.com	1-6089213011	2507 Montrose Blvd. No. 43	Houston	ТΧ	US	77006	No	No
November 16, 2020, 11 AM - 1PM	Don	Cirilo	don.cirilo56@gmail.com	1-2818141040	3399 Sand Bar Drive	Crystal Beach	ТΧ	US	77650	No	No
November 16, 2020, 11 AM - 1PM	Jay	Thornton	drjthornton@hotmail.com	1-9366766892	509 Card Dr	Lufkin	ТΧ	US	75901	No	No
November 16, 2020, 11 AM - 1PM	Naomi	Yoder	naomi@healthygulf.org	1-6012739577	PO Box 2245	New Orleans	LA	US	70176	No	No
November 16, 2020, 11 AM - 1PM	Brandy	Wagner	bwagner@ceshepherd.com	1-7139244376	2221 Canada Dry Street	Houston	ТΧ	US	77023	Yes	No
November 16, 2020, 11 AM - 1PM	Bob	Rehak	brehak@rehak.com	1-8327243939	2702 Rocky Woods Dr	Houston	ТΧ	US	77339	Yes	No
November 16, 2020, 11 AM - 1PM	Leslie	Koza	leslie.koza@tpwd.texas.gov	1-3618252329	6300 Ocean Dr. Mail Unit 5846	Corpus Christi	ТΧ	US	78412	No	No
November 16, 2020, 11 AM - 1PM	Stephanie	Wright	rwright346@aol.com	1-7132063862	9830 Sagepike Drive	Houston	ТΧ	US	77089	No	No
November 16, 2020, 11 AM - 1PM	Lee	von Gynz-Guethle	lgynzguethle@westconsultants.com	1-5125676245	6515 Misty Spring Ln	Spring	ТΧ	US	77379	No	No
November 16, 2020, 11 AM - 1PM	Howard	Close	close@wrightclosebarger.com	1-2817576984	25915 Flamingo Dr.	Galveston	ТΧ	US	77554	No	No
November 16, 2020, 11 AM - 1PM	Brad	Soshea	bsoshea@sbsblaw.com	1-7133037878	1822 Man O War Ct	Richmond	ТΧ	US	77406	No	No
November 16, 2020, 11 AM - 1PM	Bianca	Broman	bianca.broman@tbsmith.com	1-3257269790	305 21st St	Galveston	ТΧ	US	77550	No	No
November 16, 2020, 11 AM - 1PM	Dan	Hohnbaum	dan.hohnbaum@gmail.com	1-2814355337	6047 Sea Isle	Galveston	ТΧ	US	77554	Yes	No
November 16, 2020, 11 AM - 1PM	Meagan	Coughlin	meagan.coughlin@h-gac.com	1-6626172992	3555 Timmons Lane Suite 120	Houston	ТΧ	US	77027	No	No
November 16, 2020, 11 AM - 1PM	Jessica	Follett	jessicaefollett@gmail.com	1-979-480-7053	7028 CR 684	Sweeny	ТΧ	US	77480	No	No
November 16, 2020, 11 AM - 1PM	Amy	Dinn	acdinn@gmail.com	1-7135015070	6724 Sylvan	Houston	ТΧ	US	77024	No	No
November 16, 2020, 11 AM - 1PM	Jeffrey	Sjostrom	sjostrom@gedp.org	1-4097700216	1700 Strand	Galveston	ТΧ	US	77550	Yes	No
November 16, 2020, 11 AM - 1PM	Richard	Thompson	goldwingserider@yahoo.com	1-4092843199	940 Mary Ann	Crystal Beach	ТΧ	US	77650	No	No
November 16, 2020, 11 AM - 1PM	Cliff	Schlabach		1-3619372115	122 Whiteley Dr	Corpus Christi	ТΧ	US	78418	No	No
November 16, 2020, 11 AM - 1PM	Christin	Perkinson	christin.perkinson@atkinsglobal.com	1-941-225-4828	100 Paramount Dr Ste 207	Sarasota	FL	US	34232	No	No
November 16, 2020, 11 AM - 1PM	Terry	Card	pelicanway88@att.net	1-4096320400	2201 Grover Ave	Galveston	ТΧ	US	77551	Yes	No
November 16, 2020, 11 AM - 1PM	Chris	Clodfelter	clcoceansports@gmail.com	1-8326680112	105 Lakeshore Drive	El Lago	ТΧ	US	77586	No	No
November 16, 2020, 11 AM - 1PM	Rob	Rogers			210 East 5th Street Apt 1	New York	NY	US	10003	No	No
November 16, 2020, 11 AM - 1PM	Will	Janowski		1-8325071179	1115 Congress St. Sixth Floor	Houston		US		No	No
November 16, 2020, 11 AM - 1PM	Sean	Landis		1-2812915705	1700 First Street	Seabrook		US		No	No
	Gavin	Tasker	-			Bozeman	MT			No	No
November 16, 2020, 11 AM - 1PM	Mohammad	Islam	mohammad.s.islam@usace.army.mil	1-9798204407	1400 El Camino Village Dr. Apt. #1811	Houston	ТΧ	US	77058	No	No
November 16, 2020, 11 AM - 1PM	Miguel	Ortega	medsw57@aol.com	1-4097628836	4607 Avenue R1/2	Galveston	ТΧ	US	77551	No	No
November 16, 2020, 11 AM - 1PM	Sean	Palmer	-	-	-	-	-	-	-	-	-

Meeting Date & Time	First Name	Last Name	Email	Phone	Address	City	State	Country	Zip	Public Comment?	Public Official?
November 16, 2020, 6 - 8 PM	Deanna	Schmidt	dschmidt@pasadenatx.gov	1-281-979-1735	1149 Ellsworth Drive 5th Floor	Pasadena	ТΧ	US	77506	No	No
November 16, 2020, 6 - 8 PM	Melissa	Lupher	melissa.lupher@twdb.texas.gov	1-6145610452	1700 Congress Ave	Austin	ТΧ	US	78701	No	No
November 16, 2020, 6 - 8 PM	Brandy	Wagner	bwagner@ceshepherd.com	1-7139244376	2221 Canada Dry St	Houston	ТΧ	US	77023	Yes	No
November 16, 2020, 6 - 8 PM	Mayes	Middleton	mayes.middleton@house.texas.gov	1-409-443-7713	P.O. Box 15	Wallisville	ТΧ	US	77597	No	Yes
November 16, 2020, 6 - 8 PM	Jim	Morris	jimmorris1001@yahoo.com	1-7138945658	8524 Hwy 6 North St 468	Houston	ТΧ	US	77095	No	No
November 16, 2020, 6 - 8 PM	Mark	McCaslin	mark.mccaslin@gmail.com	1-8328058178	14107 Ravenhurst Lane	Houston	ТΧ	US	77070	No	No
November 16, 2020, 6 - 8 PM	Louis	Woods	louiswoods169@msn.com	1-8322449062	305 Post Oak St	Baytown	ТΧ	US	77520	No	No
November 16, 2020, 6 - 8 PM	Karin	Olsen	kolsen@anchorqea.com	1-281-4043502	820 Gessner Rd Suite 775	Houston	ТΧ	US	77024	No	No
November 16, 2020, 6 - 8 PM	Holly	Larsen	newhaven.holly@gmail.com	1-4097660656	2323 Fairwind Rd Apt 754	Houston	ТΧ	US	77062	No	No
November 16, 2020, 6 - 8 PM	Rob	Maxwell	robert.maxwell96@gmail.com	1-2817400158	13925 Pirates Beach Blvd	Galveston	ТΧ	US	77554	Yes	No
November 16, 2020, 6 - 8 PM	Denise	Schaefer	denise.schaefer@odfjell.com	1-8328780566	1302 Plymouth Rock Ln	Seabrook	ТΧ	US	77586	No	No
November 16, 2020, 6 - 8 PM	Andrew	Herrell	andrew.herrell@house.texas.gov	1-8178129908	1100 Congress Ave	Austin	ТΧ	US	78701	No	No
November 16, 2020, 6 - 8 PM	Scott	Jones	sjones@galvbay.org	1-7133769686	1725 Highway 146	Kemah	ТΧ	US	77565	No	No
November 16, 2020, 6 - 8 PM	jenna	lamphere	jlamphere@tamug.edu	1-4097404758	P.O. Box 1675	Galveston	ТΧ	US	77553	No	No
November 16, 2020, 6 - 8 PM	Gabriel	Correa	firstclasscontractors.tx@gmail.com	1-2816306160	342 China Clipper	Freeport	ТΧ	US	77541	No	No
November 16, 2020, 6 - 8 PM	Sara	Blair	sarablair@comcast.net	1-7138296562	238 Galleon	Freeport	ТΧ	US	77541	No	No
November 16, 2020, 6 - 8 PM	Theresa	Rodriguez	president@baytran.org	1-7135916134	P.O. Box 57942	Webster	ТΧ	US	77598	No	No
November 16, 2020, 6 - 8 PM	Nicholas	Kondejewski	nickk@seabrooktx.gov	1-2812915638	1100 Red Bluff Rd.	Seabrook	ТΧ	US	77586	No	No
November 16, 2020, 6 - 8 PM	Nick	Powell	nick.powell@chron.com	1-3472627371	5319 Avenue O 1/2	Galveston	тх	US	77551	No	No
November 16, 2020, 6 - 8 PM	lan	Shelton	ianshelton01@gmail.com	1-(281)682-0437	8101 Research Forest Dr	The Woodlands	ТΧ	US	77382	Yes	No
November 16, 2020, 6 - 8 PM	Larry	Mikulski	lmikulsk@gmail.com	1-6179096171	13 Makechnie Road	Burlington	MA	US	01803	No	No
November 16, 2020, 6 - 8 PM	Jasin	Caldwell	jason@weatherandwater.com	1-3037201004	1235 East Nasa Parkway Apt 1137	Houston	тх	US	77058	No	No
November 16, 2020, 6 - 8 PM	Paul	Kaspar	kaspar.paul@epa.gov	1-214-665-7459	10625 Fallstone Rd	Houston	тх	US	77099	No	No
November 16, 2020, 6 - 8 PM	Dan	Estes	ghgdan@yahoo.com	1-2814149242	12882 Buccaneer Pkwy	Freeport	ТΧ	US	77541	No	No
November 16, 2020, 6 - 8 PM	Jacob	Garrett	jgarrett7@tamu.edu	1-8322443828	1000 Majestic Lane	Friendswood	ТΧ	US	77546	No	No
November 16, 2020, 6 - 8 PM	Allie	Isbell	allie.isbell@h-gac.com	1-8176891295	3555 Timmons Ln	Houston	тх	US	77027	No	No
November 16, 2020, 6 - 8 PM	Patricia	McIntyre	mommamac4@comcast.net	1-713-818-9113	2011 Galveston Ave	Port Bolivar	ТΧ	US	77546	No	No
November 16, 2020, 6 - 8 PM	Ron	Culp	rculp@flash.net	1-7138262481	801 E Beach Drive	Galveston	ТΧ	US	77550	No	No
November 16, 2020, 6 - 8 PM	Kenneth	Teague	kgteague@sbcglobal.net	1-2142024988	2918 Ranch Rd 620 N #236	Austin	тх	US	78734	Yes	No
November 16, 2020, 6 - 8 PM	A.J.	Widacki	aj.widacki@parsons.com	1-8324726536	13503 Windlass Circle	Galveston	ТΧ	US	77554	Yes	No
November 16, 2020, 6 - 8 PM	Elisha	Hehir	geminitwins12@gmail.com	1-7138290709	2002 Landing Blvd	League City	ТΧ	US	77573	No	No
November 16, 2020, 6 - 8 PM	Philip	Kropf	pkropf@flash.net	1-7135986454	515 West Main St Apt 1	Houston	тх	US	77006	Yes	No
November 16, 2020, 6 - 8 PM	Jeff	Patterson	jmpatterson 80@yahoo.com	1-2814334417	1601 Ball St	Galveston	тх	US	77550	No	No
November 16, 2020, 6 - 8 PM	Adriana	Leiva	adriana.leiva@tpwd.texas.gov	1-3616581892	5917 Rio Vista ave	Corpus Christi	ТΧ	US	78412	No	No
November 16, 2020, 6 - 8 PM	Michael	Jenkins	michael.jenkins@house.texas.gov	1-4093924072	305 21st St	Galveston	ТΧ	US	77550	No	No
November 16, 2020, 6 - 8 PM	James	Robertson	jhrver@aol.com	1-2813708243	12422 Normont Dr	Houston	тх	US	77070	No	No
November 16, 2020, 6 - 8 PM	Fred	Salmen	fredsalmen@comcast.net	1-281-554-7070	2005 LaSalle Lane	League City	тх	US	77573	No	No
November 16, 2020, 6 - 8 PM	Linda	Wilson	bbrb919@comcast.net	1-2817052722	520 Surf Oaks Drive	Seabrook	ТΧ	US	77586	No	No
November 16, 2020, 6 - 8 PM	Ralph	McMorris	ralph@ltblender.com	1-4095392641	1202 Postoffice St	Galveston	ТΧ	US	77550	Yes	-
November 16, 2020, 6 - 8 PM	Jaymee	Dillon	dillonj9044@uhcl.edu	1-2812995210	122 E Timberlane Dr	Alvin	ТΧ	US	77511	No	No
November 16, 2020, 6 - 8 PM	Rhonda	Gregg Hirsch	rhonda.gregg-hirsch@atkinsglobal.com	1-409 771 9663	2608 Sydnor Lane	Galveston	ТΧ	US	77554	No	No
December 3, 2020, 11 AM - 1 PM	Lori	Hefley	lhefley56@gmail.com	1-2817865804	10000 San Leon Dr, Lot 244	Dickinson	ТΧ	US	77539	No	No
December 3, 2020, 11 AM - 1 PM	Leslie	Whaylen	fishnerd2005-internetorder@yahoo.com	1-3055090057	PO Box 3045	Galveston	ТΧ	US	77552	Yes	No
December 3, 2020, 11 AM - 1 PM	Tina	Hendon	thendon@eprusa.net	1-8177335706	17575 N Eldridge Pkwy	Tomball	ТΧ	US	77377	No	No

Meeting Date & Time	First Name	Last Name	Email	Phone	Address	City	State	Country	Zip	Public Comment?	Public Official?
December 3, 2020, 11 AM - 1 PM	Mark	Mitchell	mark.mitchell@houstontx.gov	1-832-393-3008	900 Bagby, First Floor	Houston	ТΧ	US	77002	No	No
December 3, 2020, 11 AM - 1 PM	Brandy	Wagner	bwagner@ceshepherd.com	1-7139244376	2221 Canada Dry St	Houston	ТΧ	US	77023	No	No
December 3, 2020, 11 AM - 1 PM	Connor	Simmonds	connor.simmonds@marcusmillichap.com	1-7134492214	5330 Avondale Dr.	Sugar Land	ТΧ	US	77479	No	No
December 3, 2020, 11 AM - 1 PM	Robert	Wright	rwright346@att.net	1-7138753319	9830 Sagepike Drive	Houston	ТΧ	US	77089	No	No
December 3, 2020, 11 AM - 1 PM	Doug	Peterson	dougpetersonhtx@gmail.com	1-2817822721	2118 Cherrytree Ridge Lane	Houston	ТΧ	US	77962	No	No
December 3, 2020, 11 AM - 1 PM	Jim	Robertson	jhrver@aol.com	1-281-370-8243	12422 Normont Drive	Houston	ТΧ	US	77070	No	No
December 3, 2020, 11 AM - 1 PM	Susan	Fennewald	susanfennewald@att.net	1-4097655963	3408 Ave R 1/2	Galveston	ТΧ	US	77550	No	No
December 3, 2020, 11 AM - 1 PM	Blake	Eskew	blake.t.eskew@gmail.com	1-7134495534	1641 Bissonnet St.	Houston	ТΧ	US	77005	No	No
December 3, 2020, 11 AM - 1 PM	Joshua	Oyer	joshua.oyer@glo.texas.gov	1-5124755130	1700 N. Congress Ave	Austin	ТΧ	US	78701	No	No
December 3, 2020, 11 AM - 1 PM	David	Burkett	david.h.burkett43@gmail.com	1-2817343681	801 18th St	Port Bolivar	ТΧ	US	77650	Yes	No
December 3, 2020, 11 AM - 1 PM	Becky	Petty	becky.petty@glo.texas.gov	1-5124637374	1700 Congress Ave	Austin	ТΧ	US	78701	No	No
December 3, 2020, 11 AM - 1 PM	Page	Michel	page@texascitychamber.com	1-9792030622	9702 Emmett F. Lowry Expy.	Texas City	ТΧ	US	77592	No	No
December 3, 2020, 11 AM - 1 PM	Eric	Brunnemann	eric_brunnemann@nps.gov	1-4322072078	PO Box 181300	Corpus Christi	ТΧ	US	78480	No	No
December 3, 2020, 11 AM - 1 PM	Janelle	Stokes	janstokes66@gmail.com	1-12817057945	2024 Castle Dr	League City	ТΧ	US	77573	No	No
December 3, 2020, 11 AM - 1 PM	Donna	Shaver	donna_shaver@nps.gov	1-(361) 834-9670	P.O. Box 181300	Corpus Christi	ТΧ	US	78480	Yes	No
December 3, 2020, 11 AM - 1 PM	Byron	Berry	bberry@elssoftware.com	1-7139278970	2841 Tradewinds Ln	Crystal Beach	ТΧ	US	77550	No	No
December 3, 2020, 11 AM - 1 PM	John	Mohr	jmohr@com.edu	1-8327580018	2515 Wyckchester Dr	Pearland	ТΧ	US	77584	No	No
December 3, 2020, 11 AM - 1 PM	Robin	Ferrary	rvferrary@hotmail.com	1-7138284223	12924 Bermuda Beach Drive	Galveston	ТΧ	US	77554	No	No
December 3, 2020, 11 AM - 1 PM	Claire	Henry	chenry@callanmarineltd.com	1-8323311610	6630 Broadway Blvd	Galveston	ТΧ	US	77554	No	No
December 3, 2020, 11 AM - 1 PM	Chris	Sallese	chris.sallese@dannenbaum.com	1-7138178497	3100 W Alabama	Houston	ТΧ	US	77098	No	No
December 3, 2020, 11 AM - 1 PM	Chuck	Wemple	cwemple@h-gac.com	1-7139934514	3555 Timmons Lane, Suite 125	Houston	ТΧ	US	77008	No	No
December 3, 2020, 11 AM - 1 PM	Angela	Howe	ahowe@surfrider.org	1-949-732-6414	942 Calle Negocio PO Box 73550	San Clemente	CA	US	92673	No	No
December 3, 2020, 11 AM - 1 PM	Jason	Eiermann	jeiermann@sjgs.org	1-2252879244	4810 Todville Rd	Seabrook	ТΧ	US	77586	No	No
December 3, 2020, 11 AM - 1 PM	Catherine	Elliott	catherine.elliott@hcfcd.hctx.net	1-713-542-6804	9900 Northwest Frwy	Houston	ТΧ	US	77092	No	No
December 3, 2020, 11 AM - 1 PM	Joan	Bair	lasirena8588@hotmail.com	1-9568670809	109 W. Cora Lee #4	South Padre Island	ТΧ	US	78597	No	No
December 3, 2020, 11 AM - 1 PM	Alexis	Baldera	alexis.baldera@audubon.org	1-5129678116	7700 W. Hwy 71, Suite 330	Austin	ТΧ	US	78735	No	No
December 3, 2020, 11 AM - 1 PM	Donna	Robinson	ddolphin4@juno.com	1-940-315-0175	507 Bluewater Hwy	Surfside	ТΧ	US	77541	No	No
December 3, 2020, 11 AM - 1 PM	Naomi	Yoder	naomi@healthygulf.org	1-6012739577	PO Box 2245	New Orleans	LA	US	70176	No	No
December 3, 2020, 11 AM - 1 PM	Melanie	Ellis	melanie.j.ellis@usace.army.mil	1-817-929-7639	5216 Molasses Drive	Fort Worth	ТΧ	US	76179	No	No
December 3, 2020, 11 AM - 1 PM	Ashton	Binkley	abinkley@binkleybarfield.com	1-7138693433	3035 Teague Road	Houston	ТΧ	US	77080	No	No
December 3, 2020, 11 AM - 1 PM	Jerry	Hauske	jerry.hauske@tbsmith.com	1-3374560094	305 21st Street, Suite 180	Galveston	ТΧ	US	77550	No	No
December 3, 2020, 11 AM - 1 PM	Kimber	De Salvo Anderson	kdesalvo@seaturtles.org	1-(409) 795-8426	2228 Broadway Avenue J	Galveston	ТΧ	US	77550	Yes	No
December 3, 2020, 11 AM - 1 PM	Nick	Panyard	nicholas.panyard@otthydromet.com	1-9198645912	214 Avondale St.	Houston	ТΧ	US	77006	No	No
December 3, 2020, 11 AM - 1 PM	Kimberly	Danesi	kdanesi@galvestonparkboard.org	1-4097975106	601 Tremont Street	Galveston	ТΧ	US	77550	No	No
December 3, 2020, 11 AM - 1 PM	Mark	Wilson	69gto217@gmail.com	1-979-824-4745	1304 Monument	Surfside Beach	ТΧ	US	-	No	Yes
December 3, 2020, 11 AM - 1 PM	Erika	Hughston	ehughston@myspi.org	1-9567618111	4601 Padre Blvd	South Padre Island	ТΧ	US	78597	Yes	No
December 3, 2020, 11 AM - 1 PM	Chase	Porter	cporter@lonestarlegal.org	1-7136520077	1415 Fannin St.	Houston	ТΧ	US	77002	No	No
December 3, 2020, 11 AM - 1 PM	Paul	Earnhart	americanlandco@aol.com	1-850-273-2288	PO Box 3226	South Padre Island	ТΧ	US	78597	No	No
December 3, 2020, 11 AM - 1 PM	Jessica	Follett	follett@portfreeport.com	1-9794807053	7028 CR 684	Sweeny	ΤX	US	77480	No	No
December 3, 2020, 11 AM - 1 PM	Richard	Howard	rhoward@starkfoundation.org			Orange	ТΧ	US	77632	No	No
December 3, 2020, 11 AM - 1 PM	James	Forde	jforde@sjgs.org			Houston	ТΧ	US	77098	No	No
December 3, 2020, 11 AM - 1 PM	Amin	Kiaghadi	amin.kiaghadi@twdb.texas.gov	1-8326701988	4707 Pin Oak Park Dr. APT 1402	Houston	ТΧ	US	77081	No	No
December 3, 2020, 11 AM - 1 PM	Katie	Watkins	kwatkins@houstonpublicmedia.org	1-7606962272	Elgin St 4343	Houston	ТΧ	US	77204	No	No
December 3, 2020, 11 AM - 1 PM	Mary	Grunert	mary.e.grunert@usace.army.mil	1-2144601772	-	-	ТΧ	US	75242	No	No

Meeting Date & Time	First Name	Last Name	Email	Phone	Address	City	State	Country	Zip	Public Comment?	Public Official?
December 3, 2020, 6 - 8 PM	Caroline	Reichert	caroline.a.reichert@gmail.com	1-2815073103	23008 Buena Street, RR 4 Box 185X7A	Galveston	ТΧ	US	77554	No	No
December 3, 2020, 6 - 8 PM	Emily	Сох	emilyahcox@yahoo.com	1-9794504208	17815 Kings Park Ln, #582	Houston	ТΧ	US	77058	No	No
December 3, 2020, 6 - 8 PM	Rob	Rogers	rrogers@rogersarchitects.com	1-9178604966	100 Reade St	New York	NY	US	10013	No	No
December 3, 2020, 6 - 8 PM	Sue	Groff	sue.groff@total.com	1-409-748-0180	409 Crescent Dr.	Bridge City	ТΧ	US	77611	No	No
December 3, 2020, 6 - 8 PM	С.	McCabe	caroline.m.mccabe@usace.army.mil	1-409 7663853	2000 Fort Point Rd	Galveston	ТΧ	US	77550	No	No
December 3, 2020, 6 - 8 PM	Jeff	Taebel	jtaebel@h-gac.com	1-7139934560	3555 Timmons Lane, Suite 120	Houston	ТΧ	US	77027	No	No
December 3, 2020, 6 - 8 PM	Chase	Porter	cporter@lonestarlegal.org	1-7136520077	1415 Fannin St.	Houston	ТΧ	US	77002	No	No
December 3, 2020, 6 - 8 PM	Charles	Pederson	unclec@prodigy.net	1-4097490569	708, S 2nd St	Nederland	ТΧ	US	77627	Yes	No
December 3, 2020, 6 - 8 PM	Robert	Kosar	cityfpa@ellago-tx.gov	1-2815464705	503 Whitecap Dr	El Lago	ТΧ	US	77586	No	No
December 3, 2020, 6 - 8 PM	Lauri	Mathias	lauri0420@gmail.com	1-832-867-3321	990 Driftwood Drive	Crystal Beach	ТΧ	US	77650	No	No
December 3, 2020, 6 - 8 PM	Jeff	Pinsky	jeffrey.f.pinsky@usace.army.mil	1-4092242013	2000 Fort Point Road	Galveston	ТΧ	US	77550	No	No
December 3, 2020, 6 - 8 PM	Erin	Douglas	edouglas@texastribune.org	1-8323038247	4618 Rusk	Houston	ТΧ	US	77023	No	No
December 3, 2020, 6 - 8 PM	Diane	Cooper	dfcooper95@gmail.com	1-918-809-0810	3303 Woodland View Dr	Kingwood	ТΧ	US	77345	No	No
December 8, 2020, 11 AM - 1PM	Robert	Gordon	robert@ioearthtech.com	44-7818291847	2022 Wenlock Road	London	-	UK	N17GU	No	No
December 8, 2020, 11 AM - 1PM	EJ	Juanda	ejuanda@rkci.com	1-9722073119	8100 Cameron Road, Suite B152	Austin	ТΧ	US	78754	No	No
December 8, 2020, 11 AM - 1PM	Doug	Peterson	dougpetersonhtx@gmail.com	1-2817822721	2118 Cherrytree Ridge Lane	Houston	ТΧ	US	77062	No	No
December 8, 2020, 11 AM - 1PM	Tonya	Rolf	trolf@mcdermott.com	1-3615631434	815 Hawthorne Rd	Kemah	ТΧ	US	77565	Yes	No
December 8, 2020, 11 AM - 1PM	Ramin	Naderi	ramin.naderi@ccao.hctx.net	1-8323146390	1115 Congress, 6th Floor	Houston	ТΧ	US	77002	No	No
December 8, 2020, 11 AM - 1PM	April	Vance	april.vance@stantec.com	1-5026579171	10509 Timberwood Circle, Suite 100	Louisville	KY	US	40223	No	No
December 8, 2020, 11 AM - 1PM	Lisa	Vitale	lisa.vitale@freese.com	1-5125766260	10431 Morado Circle, Suite 300	Austin	ТΧ	US	78759	No	No
December 8, 2020, 11 AM - 1PM	Alastair	Dickinson	a.dickinson@sky.com	44-07766731860	18 Winchester Gardens	Andover	-	UK	Sp102EH	No	No
December 8, 2020, 11 AM - 1PM	Richard	Ruchhoeft	rruchhoeft@porthouston.com	1-713-670-2471	111 East Loop N Port Houston	Houston	ТΧ	US	77095	No	No
December 8, 2020, 11 AM - 1PM	Ronald	Leschak	leschakitout@gmail.com	1-7138170386	8306 Silver Bay Ct	Houston	ТΧ	US	77095	No	No
December 8, 2020, 11 AM - 1PM	Jane	Sarosdy	jane@sarosdyconsulting.com	1-5122171223	13505 Lamplight Village Avenue	Austin	ТΧ	US	78727	No	No
December 8, 2020, 11 AM - 1PM	Byron	Berry	bberry@elssoftware.com	1-713-927-8970	2841 Tradewinds Ln	Crystal Beach	ТΧ	US	77650	No	No
December 8, 2020, 11 AM - 1PM	Sarah	Dearing	sdearing@callanmarineltd.com	1-4097620124	6630 BROADWAY ST	Galveston	ТΧ	US	77554	No	No
December 8, 2020, 11 AM - 1PM	Stephen	Moore	steve@ioearthtech.com	44-2084054693	100 Auckland Road	London	-	UK	SE192BY	No	No
December 8, 2020, 11 AM - 1PM	Nancy	Berry	nancy@byronandnancy.com	1-7139278969	341 Creekside Drive	League City	ТΧ	US	77573	No	No
December 8, 2020, 11 AM - 1PM	Kristen	Hennings	khennings@jonescarter.com	1-713-777-5337	6330 West Loop South, Suite 150	Bellaire	ТΧ	US	77401	No	No
December 8, 2020, 11 AM - 1PM	Molly	Smith	molly.smith24@gmail.com	1-703-395-8590	208 W. Saturn Lane, PO Box 217	South Padre Island	ТΧ	US	78597	No	No
December 8, 2020, 11 AM - 1PM	James	Shanks	jshanks@halff.com	1-7139062616	100 I45 North, Suite 260	Conroe	ТΧ	US	77301	No	No
December 8, 2020, 11 AM - 1PM	Patrick	Mandapaka	mandapaka@h-gac.com	1-8173120682	3555 Timmons Ln	Houston	ТΧ	US	77407	No	No
December 8, 2020, 11 AM - 1PM	Gayle	Cook	gcook@seabrooktx.gov	1-2816382384	1700 First Street, 2nd Floor	Seabrook	ТΧ	US	77586	No	No
December 8, 2020, 11 AM - 1PM	Connor	Simmonds	connor.simmonds@marcusmillichap.com	1-7134492214	5330 Avondale Dr.	Sugar Land	ТΧ	US	77479	No	No
December 8, 2020, 11 AM - 1PM	Will	Janowski	will.janowski@ccao.hctx.net	1-8325071179	1115 Congress St, Sixth Floor	Houston	ТΧ	US	77002	No	No
December 8, 2020, 11 AM - 1PM	Joelynn	Barclay	joelynn.barclay@glo.texas.gov	1-5124633230	PO Box 12873	Austin	ТΧ	US	78745	No	No
December 8, 2020, 11 AM - 1PM	Claire	Henry	chenry@callanmarineltd.com	1-8323311610	6630 Broadway Blvd	Galveston	ТΧ	US	77554	No	No
December 8, 2020, 11 AM - 1PM	Dennis	Sheehan	sheehanaxa@yahoo.com	1-4093706470	4310 Sherman Blvd, Suite 101	Galveston	ТΧ	US	77550	No	No
December 8, 2020, 11 AM - 1PM	Kristina	Boburka	kboburka@myspi.org	1-4127082352	4601 Padre Blvd.	South Padre Island	ТΧ	US	78597	Yes	No
December 8, 2020, 6 - 8 PM	Susan	Chadwick	susanchad@yahoo.com	1-8328148618	3614 Montrose, #706	Houston	ТΧ	US	77006	No	No
December 8, 2020, 6 - 8 PM	Lori	Brownell	lbrownell@porthouston.com	1-3463371909	111 East Loop North	Houston	ТΧ	US	77029	No	No
December 8, 2020, 6 - 8 PM	Eric	Kennedy	eric.kennedy@spawglass.com	1-9563674320	3008 W Spur 54	Harlingen	ТΧ	US	78552	No	No
December 8, 2020, 6 - 8 PM	Rick	Guerrero	rick.guerrero@h-gac.com	1-713-993-4598	3555 Timmons Ln	Houston	ТΧ	US	77027	No	No
December 8, 2020, 6 - 8 PM	Jenny	МсСоу	jmmccoy@edge-es.com	1-4093926763	16285 Park Ten Place, Suite 400	Houston	ТΧ	US	77084	No	No

Meeting Date & Time	First Name	Last Name	Email	Phone	Address	City	State	Country	Zip	Public Comment?	Public Official?
December 8, 2020, 6 - 8 PM	Peggy	Zahler	zahlerp@comcast.net	1-281-744-1700	1802 Rampart	League City	ТΧ	US	77573	Yes	No
December 8, 2020, 6 - 8 PM	Edward	Matuszak	matuszakem@gmail.com	1-8327000098	10443 Catlett Lane	La Porte	ТΧ	US	77571	No	No
December 8, 2020, 6 - 8 PM	Jordan	Macha	jordan@bayoucitywaterkeeper.org	1-7132994300	2010 N. Loop West, Suite 103	Houston	ТΧ	US	77018	Yes	No
December 8, 2020, 6 - 8 PM	Caroline	Crow	ccrow@lonestarlegal.org	1-512-545-5054	1415 Fannin	Houston	ТΧ	US	77001	No	No
December 8, 2020, 6 - 8 PM	Sarah	Utley	sarah.utley@cao.hctx.net	1-832-379-9895	1019 Congress, 15th Floor	Houston	ТΧ	US	77002	No	No
December 8, 2020, 6 - 8 PM	John	Montgomery	john.montgomery@stantec.com	1-8593382483	3052 Beaumont Centre Circle	Lexington	KY	US	40513	No	No
December 8, 2020, 6 - 8 PM	Michael	Merritt	mike.merritt@spawglass.com	1-210-559-8883	5605 Havre Street	Corpus Christi	ТΧ	US	78414	No	No
December 8, 2020, 6 - 8 PM	Brent	Stool	j.brent.stool@gmail.com	1-7138987289	3530 Durhill St.	Houston	ТΧ	US	77025	No	No
December 8, 2020, 6 - 8 PM	Annette	Brownfield	annette.brownfield@gmail.com	1-8325498617	2100 Laguna Harbor Cove	Port Bolivar	ТΧ	US	77650	Yes	No
December 8, 2020, 6 - 8 PM	Brandon	Elwood	btelwood22@mail.strakejesuit.org	1-202-812-8218	5618 Ella Lee Lane	Houston	ТΧ	US	77056	No	No
December 8, 2020, 6 - 8 PM	George	МсКее	g3mck33@hotmail.com	1-2818908122	12721 Timberlake Dr	Cypress	ΤX	US	77429	No	No
December 8, 2020, 6 - 8 PM	Kate	Lange	kmlange347@gmail.com	1-2154218084	5550 Gulf Blvd, Unit 405	South Padre Island	ТΧ	US	78597	No	No
December 8, 2020, 6 - 8 PM	Samantha	Haritos	sharitos@gmail.com	1-8324150899	19200 Space Center Blvd 1517	Houston	ТΧ	US	77058	No	No

## Appendix C

## **Virtual Meeting Presentation**

coastalstudy.texas.gov/get-involved/public-meetings/



## **Draft Feasibility Report and** Draft Environmental Impact Statement **Update Presentation**

Fall 2020

Website: CoastalStudy.Texas.gov | Email: coastaltexas@usace.army.mil | Facebook: @CoastalTXStudy





Along the Texas coast, vital resources critical to the social, economic, and environmental welfare of the nation are at risk from damage by tropical storms.









**US Army Corps** of Engineers® **Galveston District** 

The U.S. Army Corps of Engineers has partnered with the Texas General Land Office to identify and recommend feasible projects to reduce risks to public health and the economy, restore critical ecosystems, and to make the Texas coastline more resilient.



## About the Study

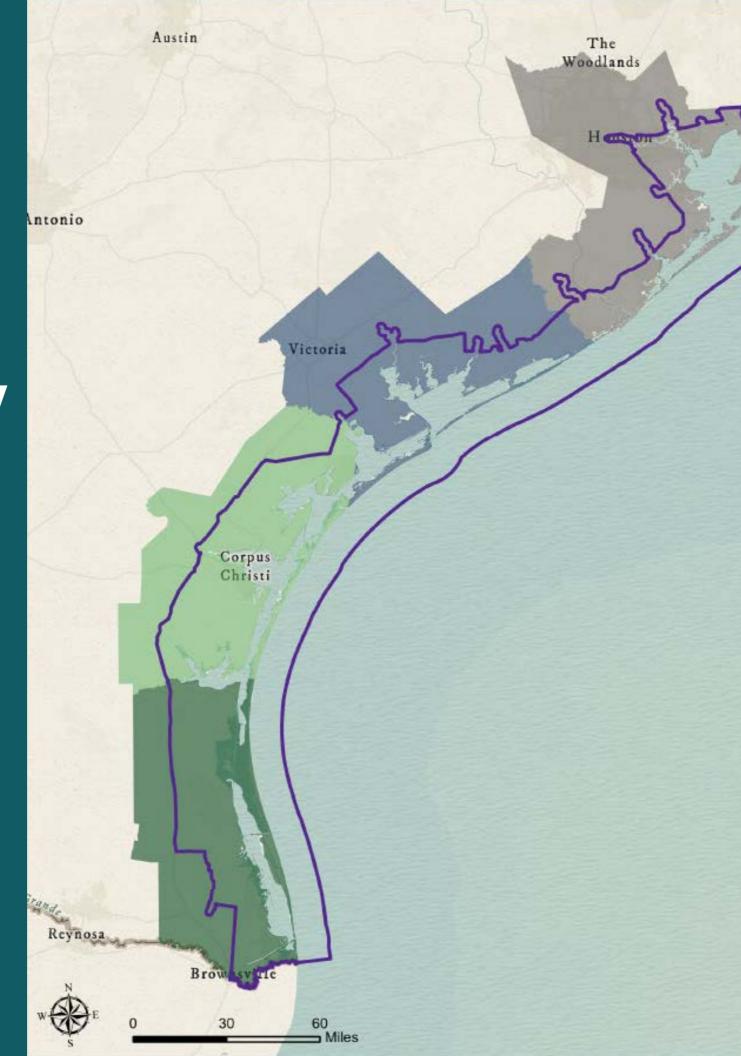
- Study Name: Coastal Texas Protection & Restoration • Feasibility Study
- **Reconnaissance Study Start Date: 2014** •
- Coastal Texas Study Start Date: 2015 •
- Budget: \$20.18 Million (\$12.282 Federal: \$7.898 Cost-shared) •
- Non-Federal Sponsor: Texas General Land Office •
- **Purpose:** Evaluate large-scale coastal storm risk • management and ecosystem restoration actions aimed at providing the coastal communities of Texas with multiple lines of defense from a wide array of coastal hazards.







# Study Area



Lake Charles

Beadmont

Lafayette

## **Upper Texas Coast**

Orange, Jefferson, Chambers, Harris, Galveston, and Brazoria Counties

## Mid to Upper Texas Coast

Matagorda, Jackson, Victoria, and Calhoun Counties

## **Mid Texas Coast**

Aransas, Refugio, San Patricio, Nueces, and Kleberg Counties

## **Lower Texas Coast**

Kenedy, Willacy, and Cameron Counties

**Coastal Zone Boundary** 

## FEASIBILITY ANALYSIS & ENVIRONMENTAL EVALUATION



**Congressional Appropriations for Authorized Projects** 

## RECOMMENDATION **TO CONGRESS**

## NEPA Compliance

To comply with the National Environmental Policy Act, or NEPA, a Federal agency must prepare an **Environmental Impact Statement (or** EIS) if it is proposing actions that may significantly affect the quality of the natural and human environment. The NEPA environmental review process seeks to facilitate better informed decisions, focused on avoiding, minimizing, and/or mitigating potentially negative impacts of Federal action.



# NEPA Compliance

## **Public Involvement to Date**

- 8 Scoping Meetings in 2014
- Issuance of Notice of Intent in 2016 and solicitation of scoping
- Regular updates to the study website
- Ongoing resource agency meetings beginning in 2016
- 7 Public Meetings in 2018
- 20 community-based work group sessions led by the GLO
- 3 Public Open Houses in 2020
- 60+ presentations or briefing sessions at conferences, professional meetings, and other public or private events.



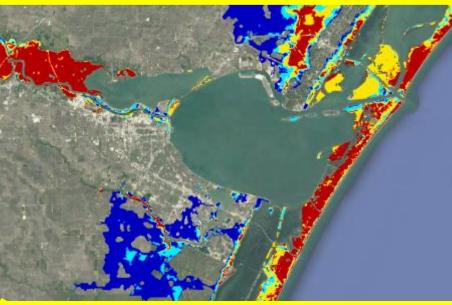


# NEPA Compliance

**Public comments received** in the current review will be evaluated and documented in the final feasibility report and EIS. The public will continue to have the opportunity to provide comments during the design phase that occurs after this study phase.

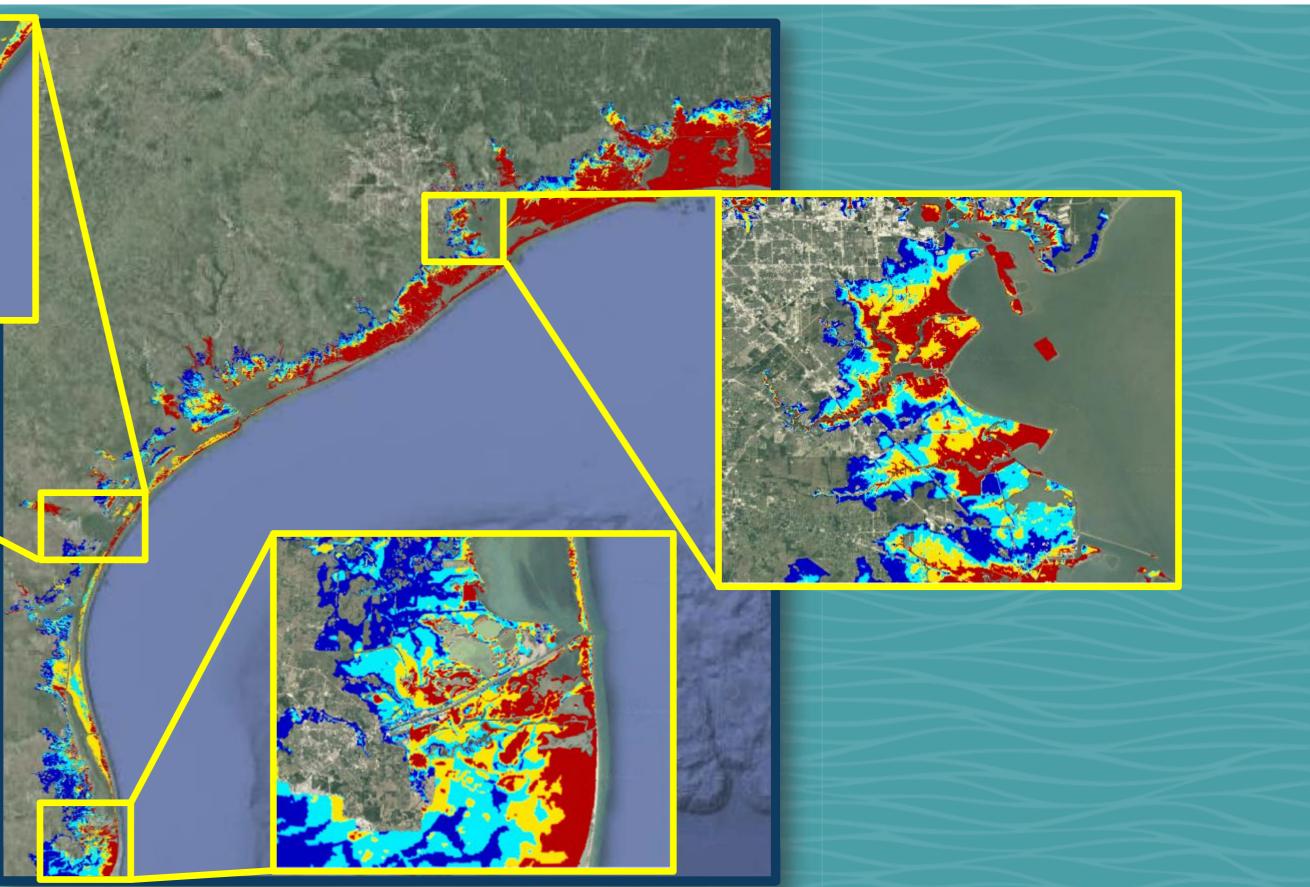


## The Threat



< 3 feet above ground</p> 3-6 feet above ground 6-9 feet above ground > 9 feet above ground

Source: C-STORM Modeling -**Storm Surge Inundation** 





# The Need

### **Population Centers**

- >\$125B assets at risk, growing to \$200B
- 18 coastal counties
- 6.1 million residents, growing to 9M in 50 yrs
- >24% of the TX population

### Critical Infrastructure

- Nationally ranked deep-draft ports
- 450 miles of Gulf Intracoastal Waterway (GIWW)
- 40% of the Nation's petrochemical industry
- 25% of national petroleum-refining capacity
- NASA
- UTMB Level 4 Viral Laboratory

### Coastal Ecosystems

- and beaches
- habitat

### **Critical Natural Features**

• Wetlands, seagrass beds, oyster reefs, dunes,

• Critically threatened and endangered species

• Nursery habitat and significant commercial fisheries for oysters, shrimp, and finfish

• 2 National Estuary Program sites

Central Flyway Migration Corridor

• The Laguna Madre - a rare hypersaline lagoon

Padre Island National Seashore

• 12 National Wildlife Refuges

# How Has the Plan Changed?

- Removed proposed levee/floodwall segments that paralleled SH 87 on Bolivar Peninsula and FM 3005 on Galveston Island.
- Bolivar and West Galveston Beach and Dune System proposed to provide both storm surge risk reduction and ecosystem restoration benefits.
- 2 deep-draft navigation gates, instead of a single larger gate. Galveston Ring Barrier System realigned to reduce impacts to surrounding neighborhoods and enclose more areas.
- Recurring sediment placement was removed from the proposed ecosystem restoration features
- Minor revisions to individual features

# Draft Proposal Summary

## MULTIPLE LINES OF DEFENSE ON THE TEXAS COAST

The Draft Proposal includes a combination of ER and CSRM features that function as a system to reduce the risk of coastal storm damages to natural and man-made infrastructure and to restore degraded coastal ecosystems through a comprehensive approach employing multiple lines of defense. Focused on redundancy and robustness, the proposed system provides increased resiliency along the Bay and is adaptable to future conditions.

> Dickinson Bay Gate System and Pump Station

Nonstructural Improvements

Clear Lake Gate System and Pump Station

**Galveston Ring** Barrier System

**Galveston Seawall** Improvements

**Bolivar Roads Gate System** 

Illustration is representational and not to scale

Ecosystem

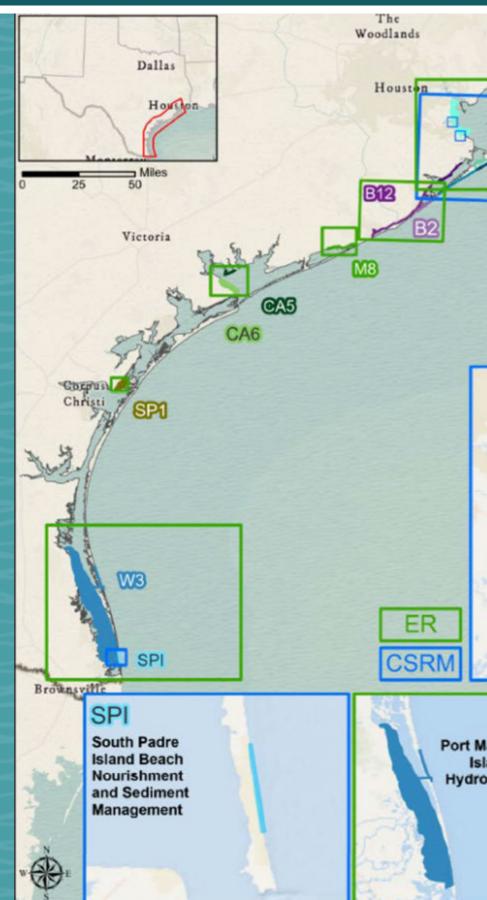
Restoration

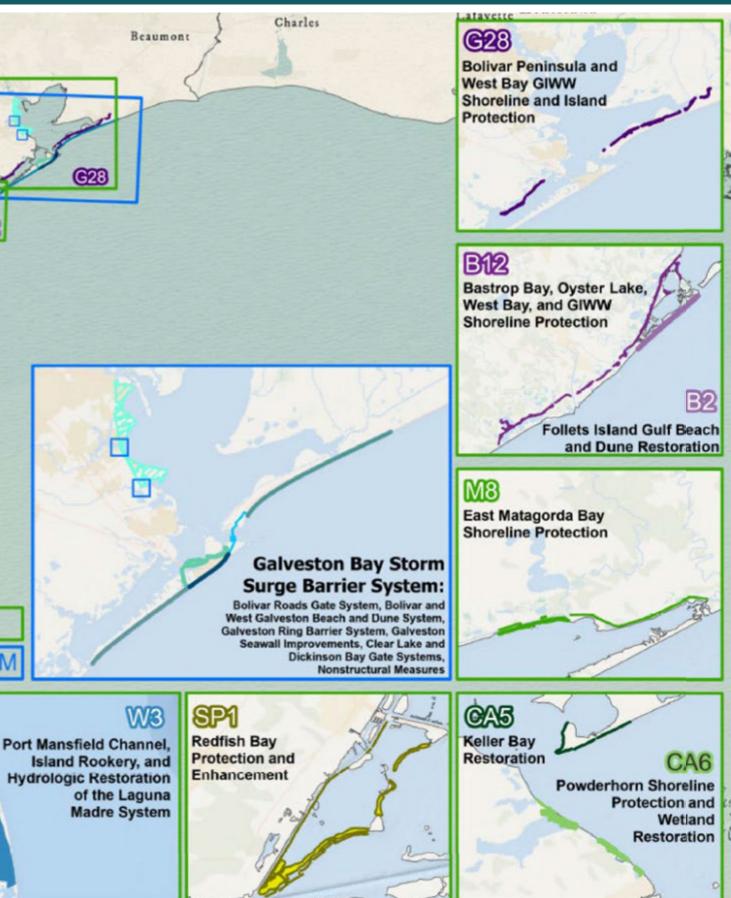
Measures



# Draft Proposal Summary

Upper Coastal Storm Risk Management
Lower Coastal Storm Risk Management
Coastwide Ecosystem Restoration





## **Bolivar Roads Gate System**

CODE

Galveston Island

~2 miles

FLOOD SIDE

Gulf of Mexico

Bolivar Peninsula

## **Bolivar Roads Gate System**

650 ft

650 ft

Galveston Island

FLOOD S DE

### **Deep Section** Sector Gates (2 Large)

1

## **Bolivar Roads Gate System**

650 ft

650 ft



Galveston

Island

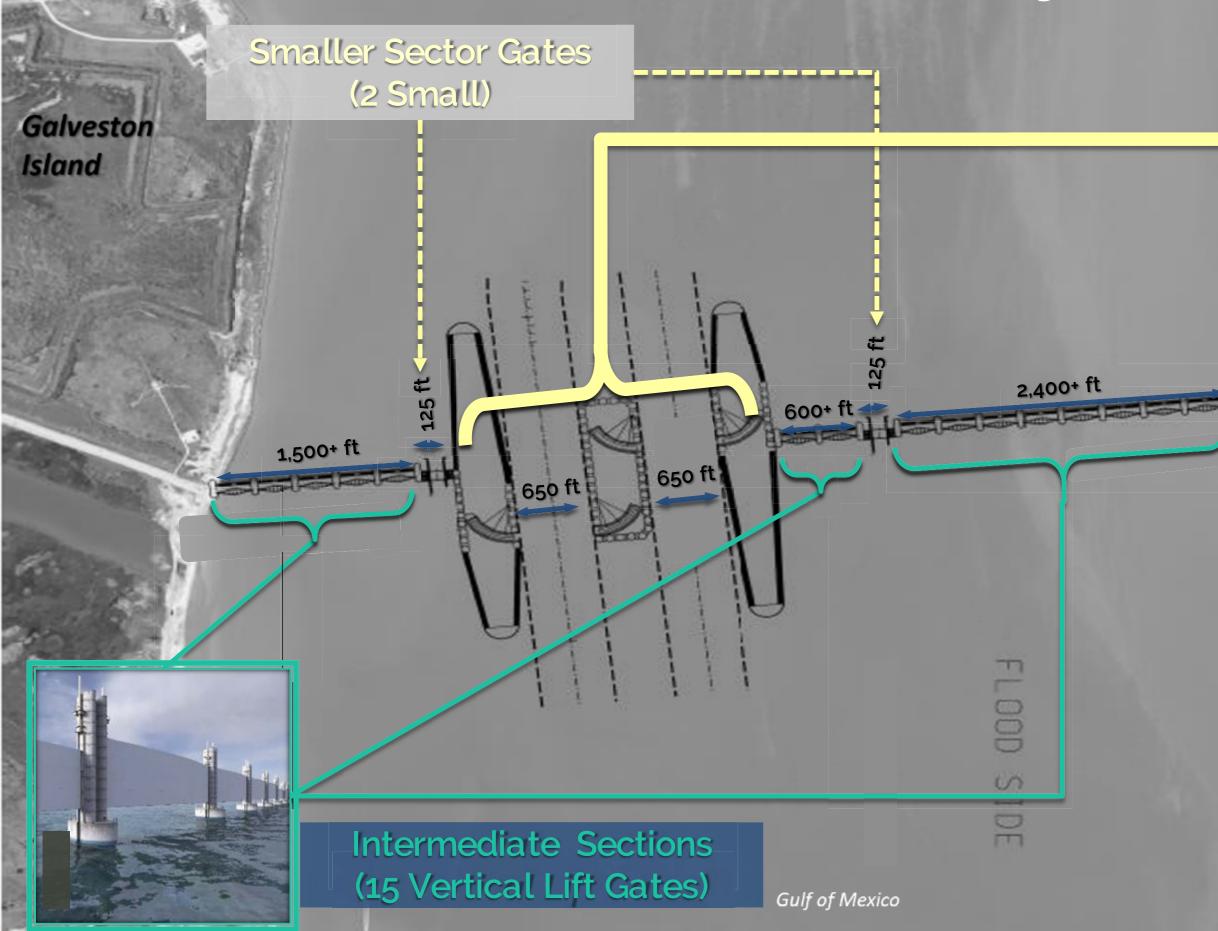
FLOOD S DE



### **Deep Section** Sector Gates (2 Large)

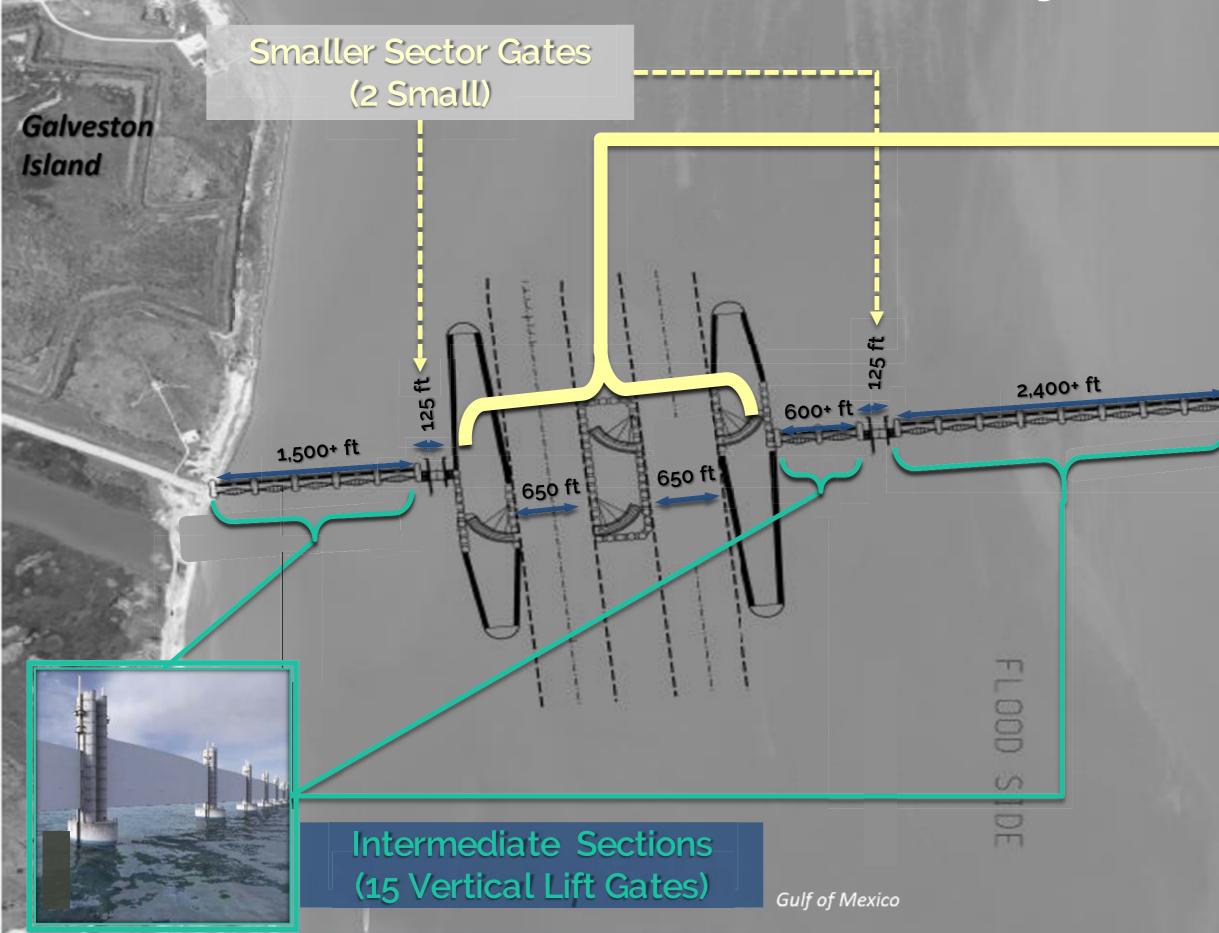
1

## **Bolivar Roads Gate System**



Deep Section Sector Gates (2 Large)

## **Bolivar Roads Gate System**



Deep Section Sector Gates (2 Large)

1



1,536+ ft



Shallow Section (16 Environmental Gates)

Conceptual rendering for illustrative purposes only

### **Galveston Island**

### Gulf of Mexico

A-

1-

1

### Galveston Bay



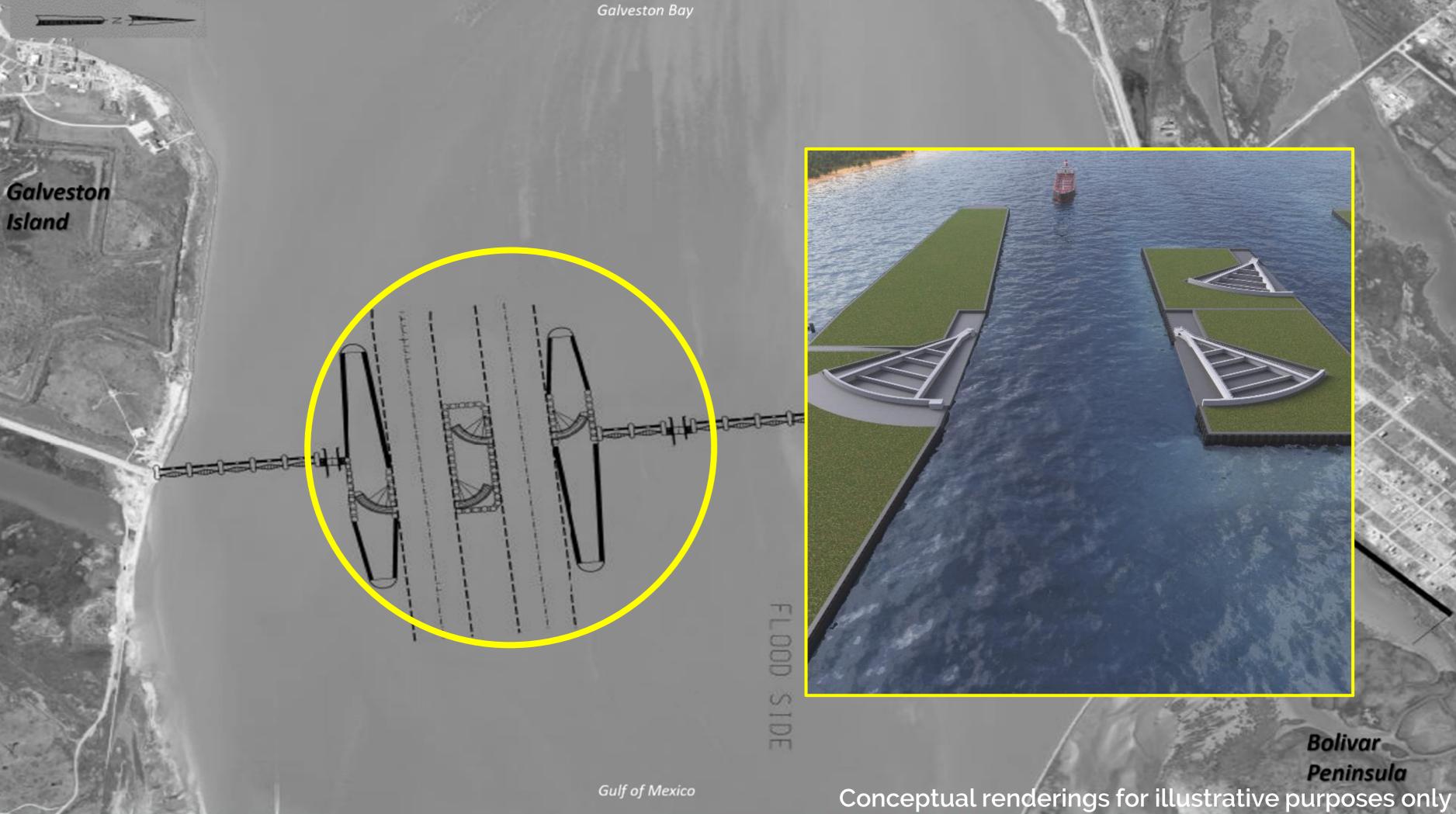


Conceptual rendering for illustrative purposes only

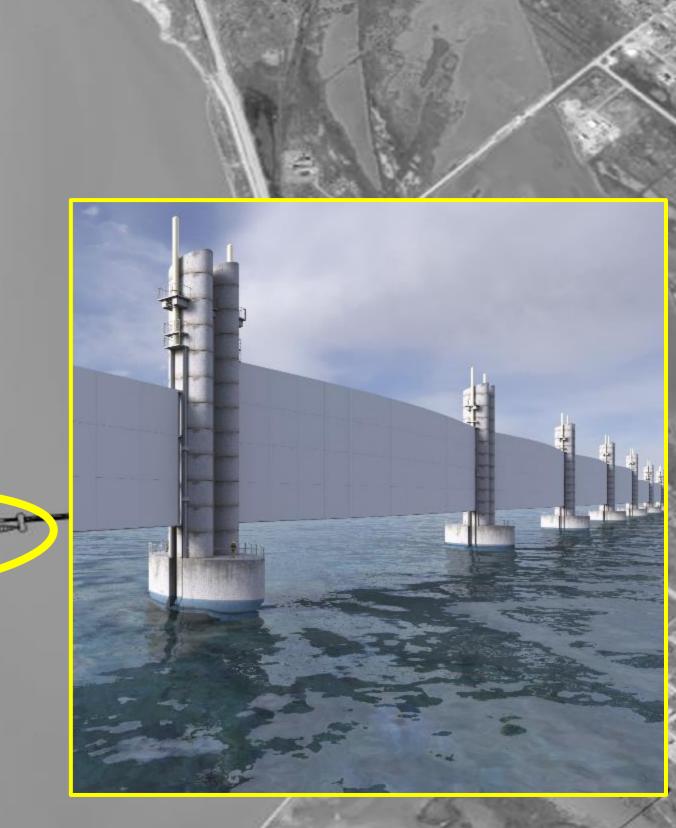
### Gulf of Mexico

### **Galveston Bay**

## Closed







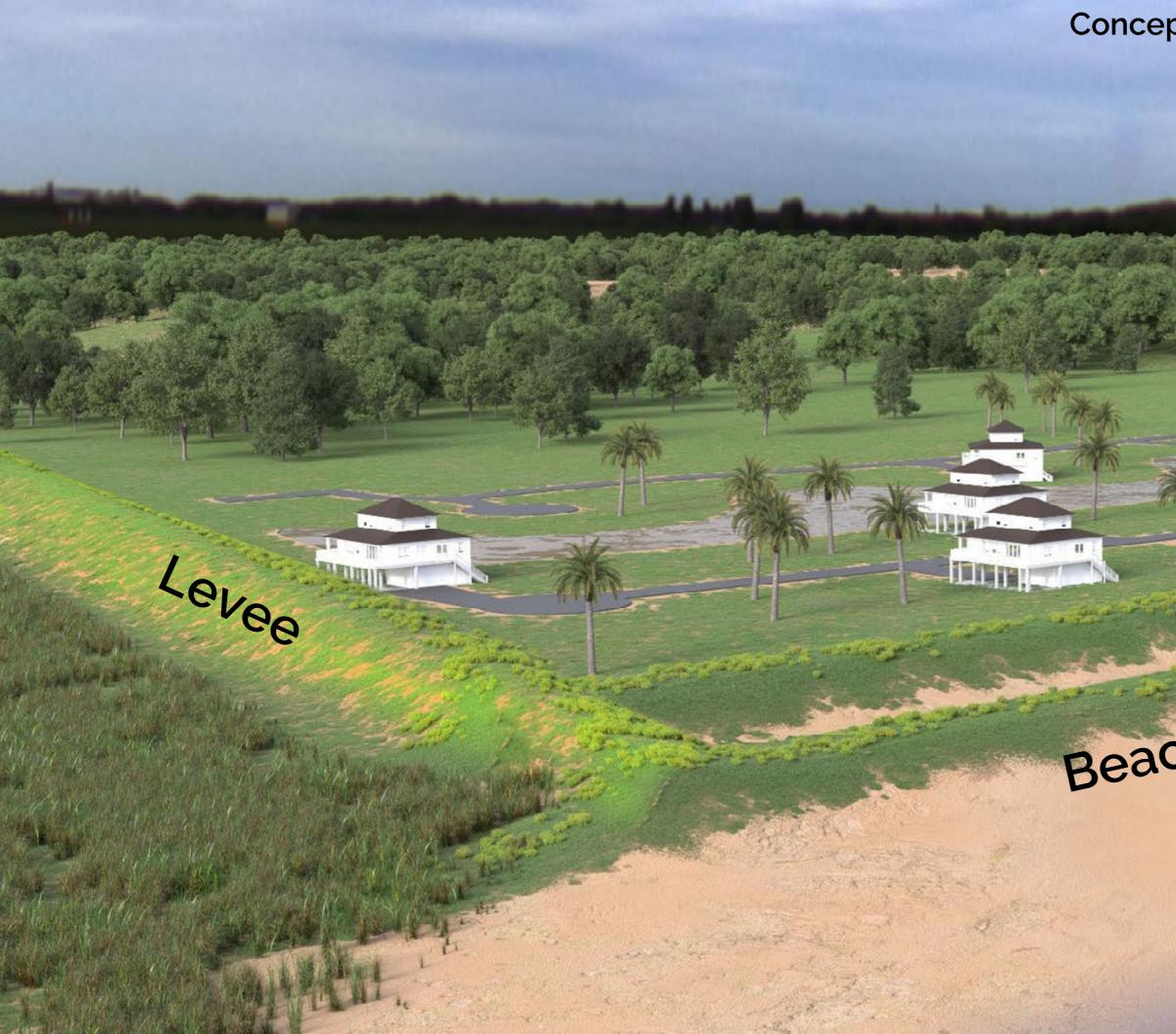
Bolivar Peninsula Conceptual renderings for illustrative purposes only



Bolivar Peninsula Conceptual renderings for illustrative purposes only



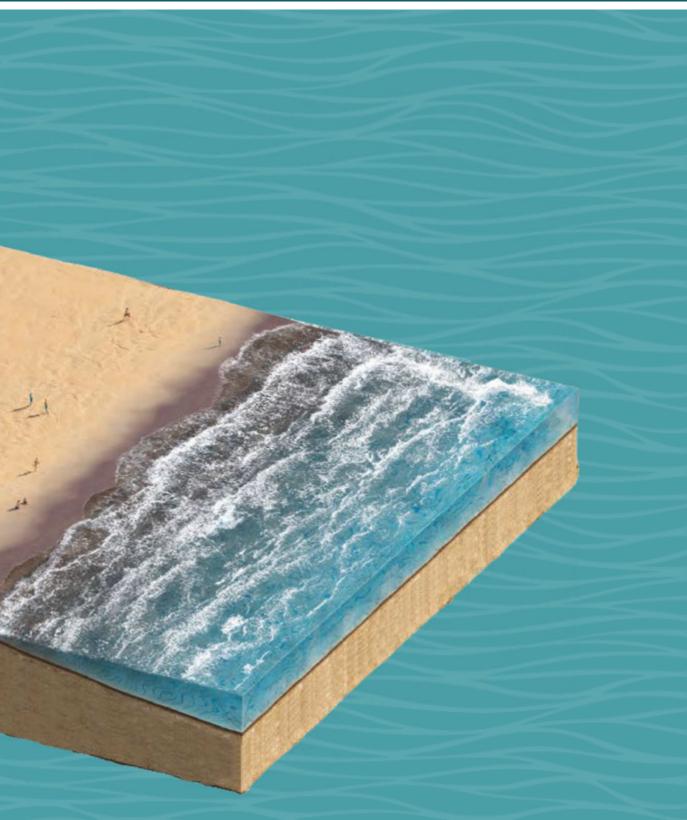
### West Galveston



Conceptual rendering for illustrative purposes only

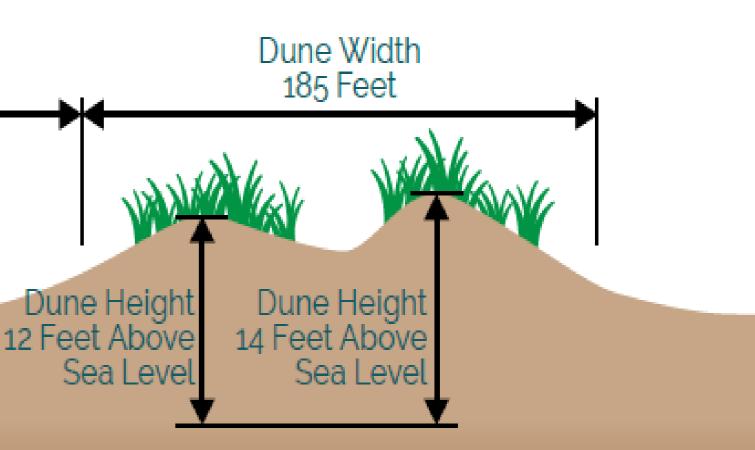
Beach and Dune System

Conceptual rendering for illustrative purposes only





### **Beach and Dune System Components** (Drawing is representational and for illustrative purposes only. All dimensions are approximate)

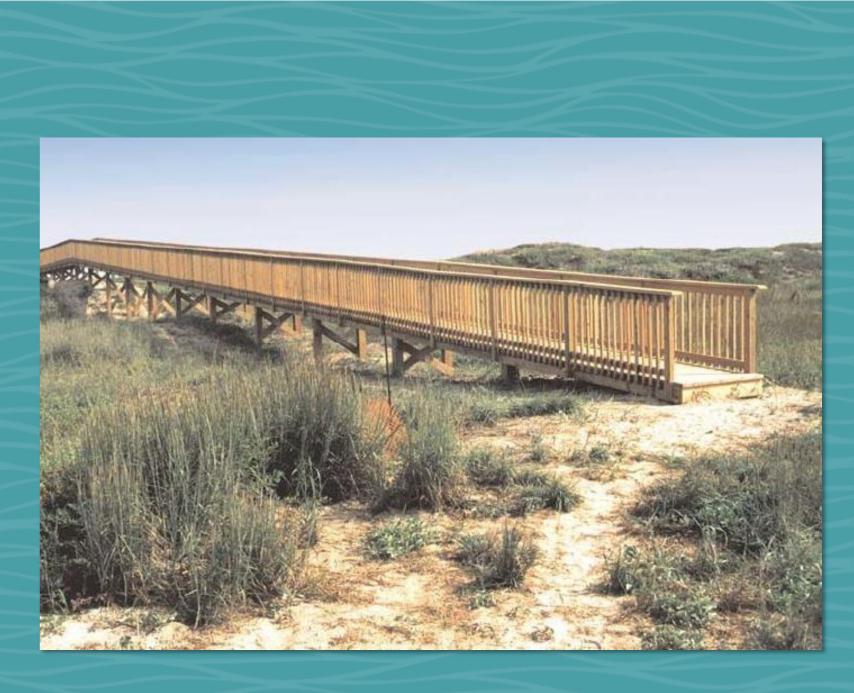


- 22 million cubic yards of sand for Bolivar peninsula
- 17 million cubic yards of sand for West Galveston
- Approximately 22 million cubic yards needed for periodic nourishment along Bolivar Peninsula every 6 years and West Galveston every 7 years
- Sand source: Sabine and Heald Banks



• Currently 125 authorized beach access points:

- 67 vehicle crossings
- 58 pedestrian crossings
- Existing authorized pedestrian beach access crossings will be replaced with dune walkovers
- Existing vehicle access points would be modified
- Access to the beach under the Draft Proposal will comply with the Texas Open Beaches Act.



## **SPI Beach Nourishment &** Sediment Management

- Nourish the beach and dune along South Padre Island
- Proposed to maintain a 120-foot wide beach and 12.5-foot high dune along nearly 3 miles of the developed shorefront areas
- Renourishment is proposed on a 10-year cycle for the authorized project life of 50 years



Beach

Access

Access

Public Beach

Private Beach







#### Galveston Seawall Improvements

Seawall • Overtopping **Reduction Feature** 

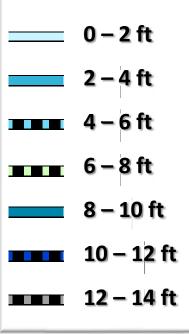
**Pedestrian Access** 

Vehicle Access

Galveston Ring Barrier System

## Galveston Ring Barrier System





### Legend

- Drainage Structure
- Access Gate
- Rail Closure
- Road Closure
- Combi Wall
- Circulation Gate
- \_\_\_\_ Navigation Gate
- Channel Realignment
- Existing Levee
- Seawall
  - Breakwaters

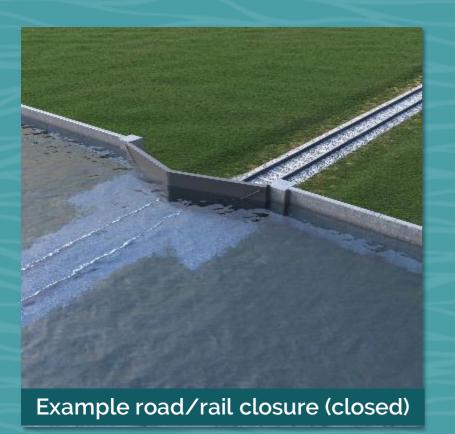
# Galveston Ring Barrier System



Open vertical lift gate

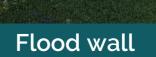


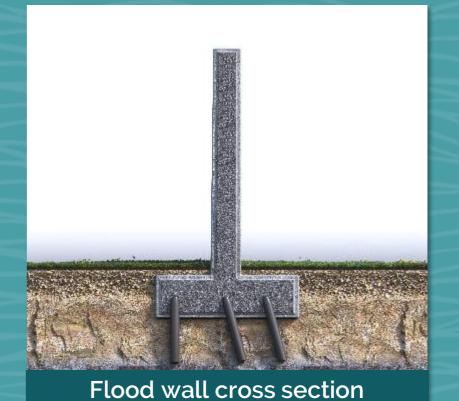
#### Closed vertical lift gate





Example road/rail closure (open)





Conceptual renderings for illustrative purposes only

## **Galveston Ring Barrier System**

**Since Galveston Island** currently operates on a gravity drainage system, the plan would add a forced drainage system consisting of six new pump stations to move water off the island. The pump stations would address storm surge flooding as well as rainfall flooding during storm events.

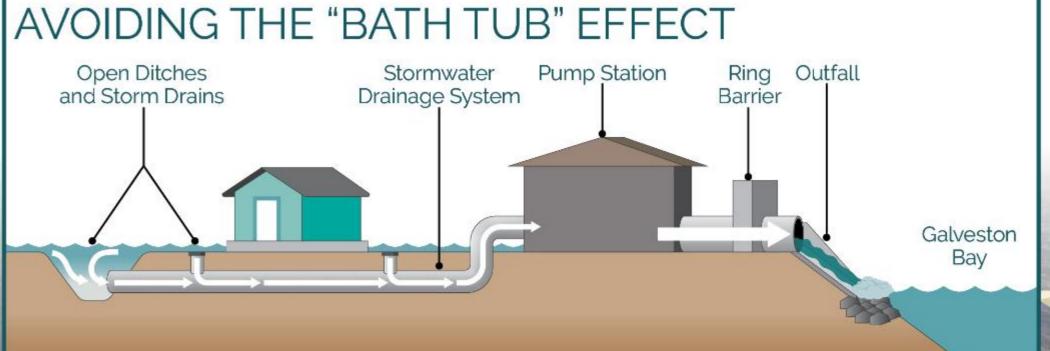


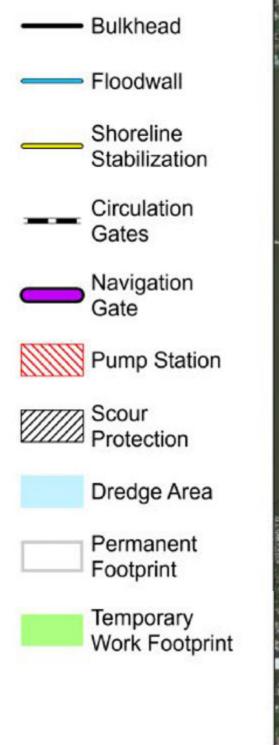
Illustration is representational and not to scale

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Illustration is representational and not to scale

### Clear Lake Gate System







# Clear Lake Gate System





### Dickinson Bay Gate System

Sector Gate and Pump Station System

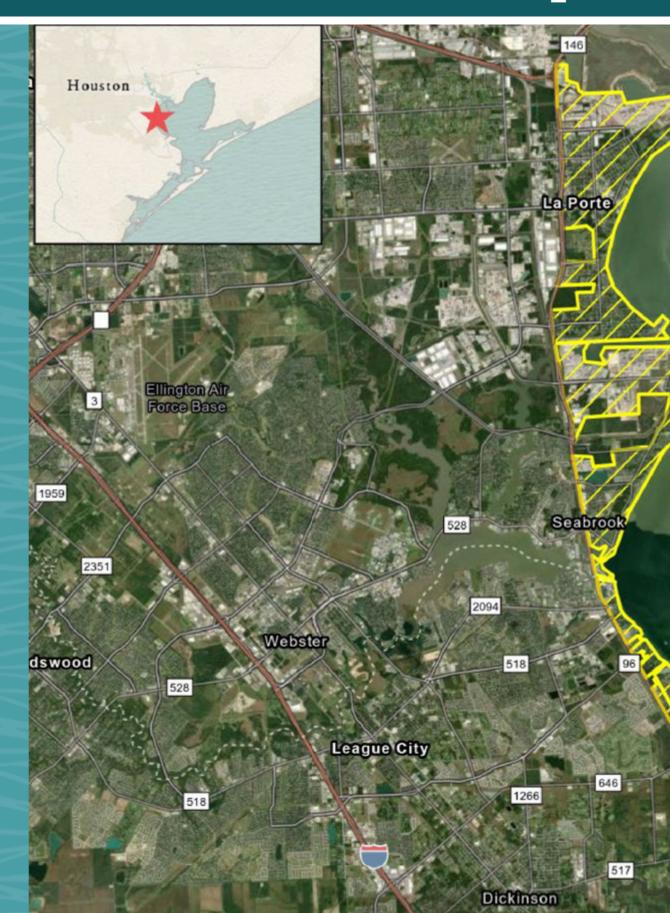
Temporary Work Easement

Permanent Easement

# Dickinson Bay Gate System

## Nonstructural Improvements

Non-structural measures include raising houses and/or floodproofing. About 1,750 residential pier and slab-on-grade homes are being recommended to be raised.

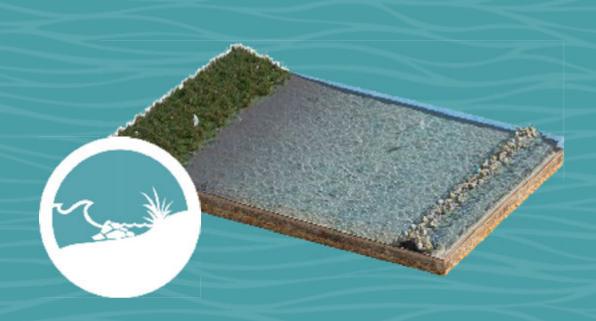




**Beach City** 

Non-Structural Measures





**Breakwater Creation** 



**Oyster Reef Creation** 



Marsh Restoration

**Beach Restoration** 

### **Island Restoration**

### Hydrologic Connection

Conceptual renderings for illustrative purposes only







G28 -Bolivar Peninsula and West Bay GIWW Shoreline Protection and Island Restoration

Ecosystem

Restoration



Island Restoration



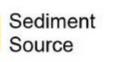
Revetment / Breakwater

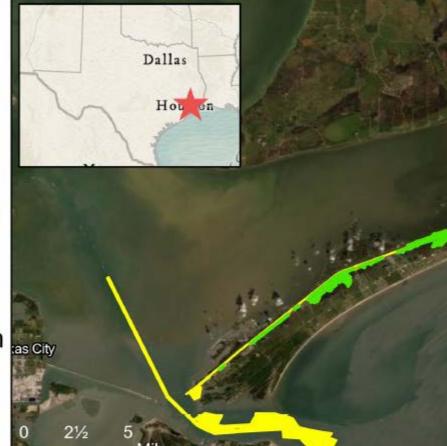


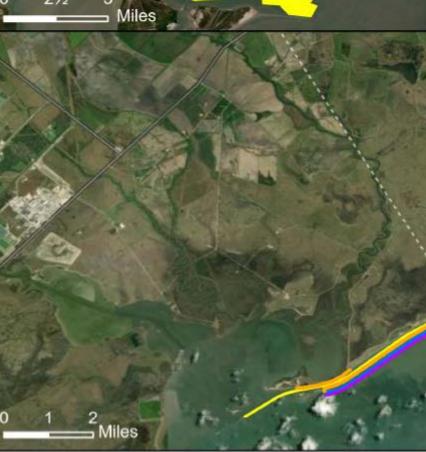
Wetland / Marsh Restoration



Oyster Reef Scaling







Anahuac National Wildlife Refuge

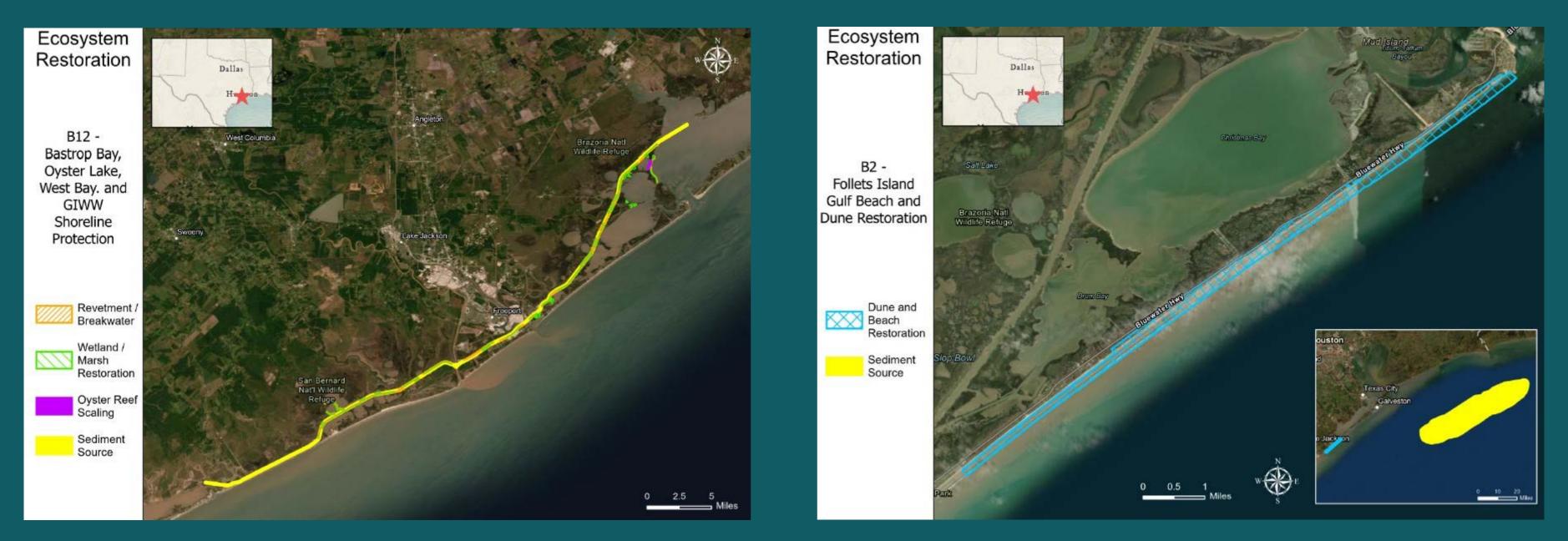
#### **Bolivar Peninsula**

Beach Pocket Park 2

3005

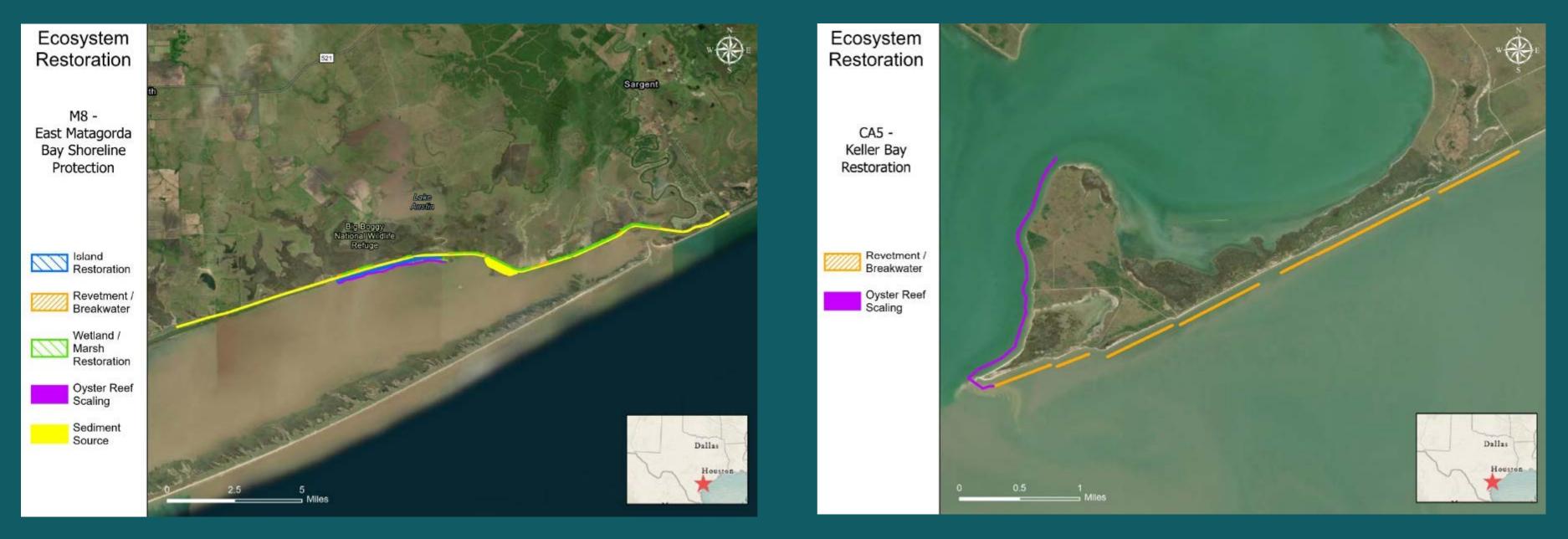
Jamaica Beach

#### West Bay









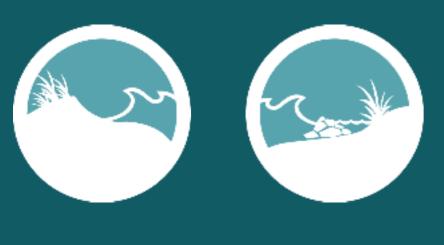








### Ecosystem Restoration







W3 -Ports Mansfield Channel, Island Rookery, and Hydrologic Restoration of the Laguna Madre





Wetland / Marsh Restoration



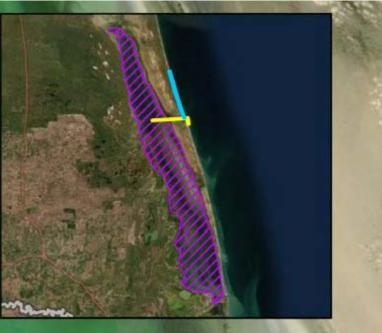
**Oyster Reef** Scaling



Hydrologic Restoration



Sediment Source





# Environmental Mitigation Requirements

### **Oyster Reef Creation**

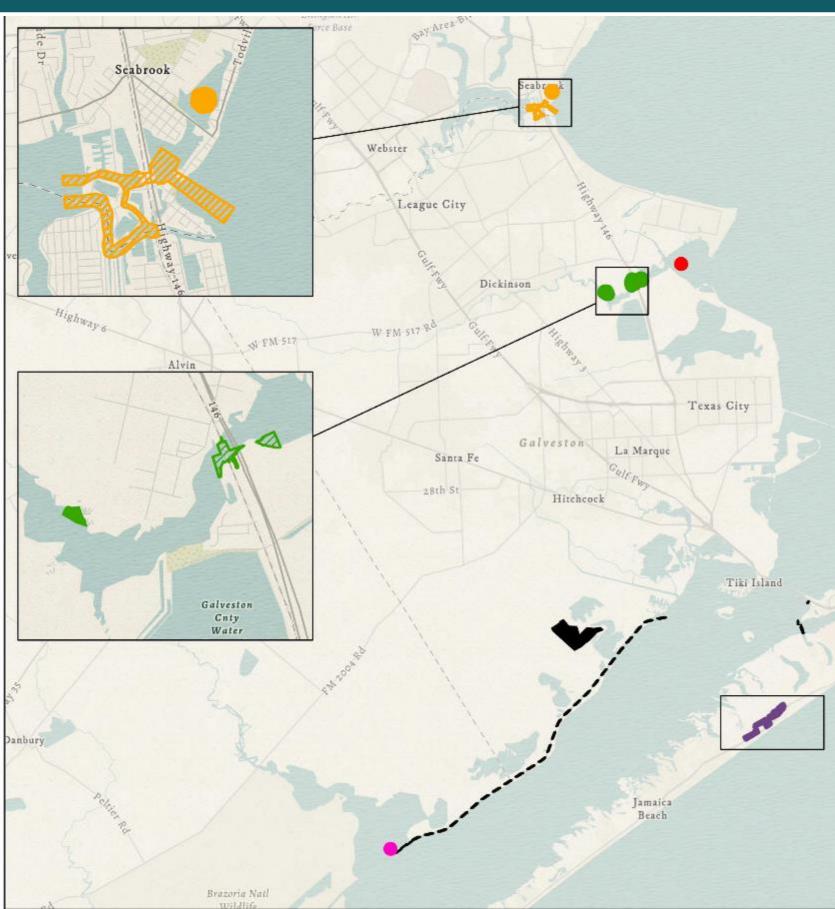


### **Marsh Restoration**

# **Mitigation Requirements**

### Mitigation and Sediment Source Sites







# Draft Proposal Cost

### **Projected Costs** \$17.6B Gulf Defense: (Bolivar Roads Gate System + Bolivar/West Galveston Beach & Dune Systems + SPI + Mitigation) Bay Defense: \$ 5.9B (Galveston Ring Barrier + Seawall Improvements + Clear Lake + Dickinson Bay + Non-Structural Improvements) Bay **Ecosystem Restoration**: <u>\$ 2.7B</u> Defense 23% TOTAL: \$26.2B **Recovery Costs for Storms of the Past:** Hurricane Ike (2008): \$38B Hurricane Rita (2005): \$18.5B



ER

10%

### **ESTIMATED TOTAL COST** \$26.2B

Gulf Defense 67%

# **Risk and Uncertainty**

Not all surge damages will be prevented, only reduced. It is important to understand that the project will not eliminate all risks to life and property.

### **Residual risks include:**

- Storm events exceeding project design
- Rainfall flooding •
- Wind damage ullet
- Windblown debris
- Relative sea level rise

### **Risk mitigation includes:**

- Design with relative sea level ulletrise in mind
- Multiple lines of defense ullet
- Insurance ightarrow
- **Emergency** action plans ullet**Redundant measures**

## **Ecosystem Restoration Benefits**





- Maintain saltwater flows •
- Protect against erosion
- **Provide important habitat**

- •
- •
- •

Wetlands provide a buffer from open water Supports threatened and endangered species Supports commercial fishing and recreation

# **Barrier System Benefits**



## **COASTAL TEXAS COSTS & BENEFITS** BY THE NUMBERS...

## ~\$2.28 Billion 1.96 BCR

EQUIVALENT ANNUAL BENEFITS

IN A 1% ANNUAL EXCEEDANCE **PROBABILITY SURGE EVENT:** 

~77% REDUCTION IN DAMAGED **STRUCTURES** 



FOR THE COMBINED CSRM MEASURES

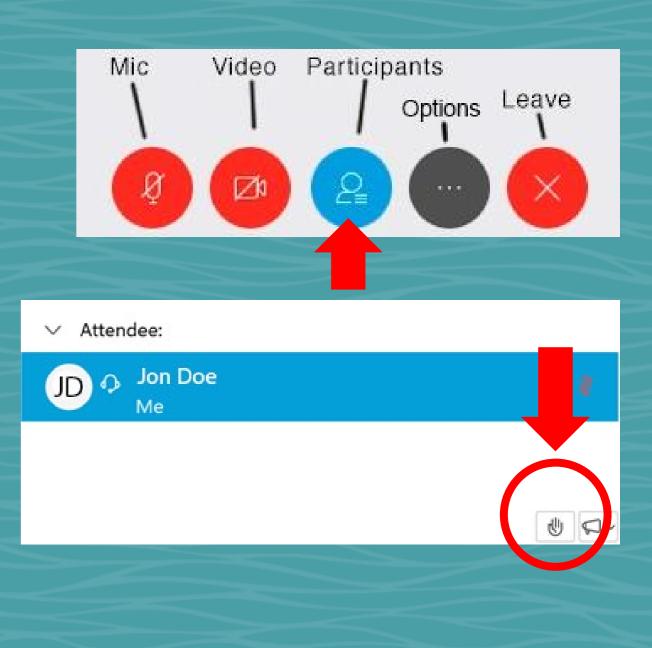
6,610 ACRES HABITAT IMPROVED

~\$26.17 Billion TOTAL RECOMMENDED PLAN PROJECT COST (CSRM & ER)

## **Public Comment Period Instructions**

To provide verbal comments during today's meeting: You may sign up to make verbal comments upon registering for today's meeting.

- Make sure to turn on the Participant List when you join the meeting.
- If you did not sign up upon registration, please click the "raise hand" icon at the bottom of the Participant List to indicate that you would like to make a comment, or dial \*3 if you are joining us only by phone.



## THANK YOU!

**TO PROVIDE COMMENTS:** MAIL: USACE — Galveston District, Attn: Mr. Jeff Pinsky **Environmental Compliance Branch Regional Planning and Environmental Center** P.O. Box 1229 Galveston, TX 77553-1229

EMAIL: coastaltexas@usace.army.mil

### COMMENT DEADLINE: January 13, 2021

Website: CoastalStudy.Texas.gov | Facebook: @CoastalTXStudy

Appendix D

**Comment Database** 

Meeting Date & Time	First Name	Last Name	Public Official?	Address	City	State	Zip	Email	
November 16, 2020, 11AM - 1 PM	Jeffrey	Hill	No	3126 Lafittes Pt	Galveston	тх	77554	jeffwhill@gmail.com	I'm just confused about the details of we are both beach and bay, and it see there on the beach side. And it doesn the bay side. So in other words, I gues storm that surges in from the bay. An protects the bay side. So I just have a
November 16, 2020, 11AM - 1 PM	Pamela	Couch	No	1018 Johnson Rd.	Gilchrest	тх	77617	pamelacouch@gmail.com	My question is about the handicappe on Bolivar side. And before Ike, our an Pass was handicapped accessible. We the big structure that they had there were going to replace that and specifi that I bought here is because of the h to get over there as my life grows sho
November 16, 2020, 11AM - 1 PM	Dan	Hohnbaum	No	6047 Sea Isle	Galveston	тх	77554	dan.hohnbaum@gmail.com	Thank you. First I'd like to say really a spent. The plan is very thorough and us in the future. My concern is that I o outflow at the San Luis Pass. I'm a res from the San Luis Pass. And I would li Pass and water inflow and outflow be in through the pass on a large hurrica
November 16, 2020, 11AM - 1 PM	Jeff	Sjostrom	No	1700 Strand	Galveston	тх	77550	sjostrom@gedp.org	Thank you, Connor. No comments at for the time.
November 16.	Harry	Craig	No	839 Merridel	Houston	тх	77024	hlcraig45@aol.com	Thank you. I'm a property owner on t there and lost a house. I didn't hear t I could understand. Obviously Ike was this will protect that. Those dunes we help. I'm concerned about access to t access the beach. I saw a wooden wa rendering of a, looked like a dirt walk to me. Maybe the full report will have And then I'm really concerned about Who's going to pay for that huge amo sand that you brought in, and eventu I saw you had budgeted a lot of cubic Who is going to pay for that? Is that g combination? The property owners ca appreciate the session today and look dig a little further. You'll make them a
November 16, 2020, 11AM - 1 PM	Jason	Jacob	No	P.O. Box 979	Waller	тх	77484	jjacob@doubleoakinc.com	Thank you guys for your time today. I

#### Comment

of the west end, particularly the Pirate's Cove area because seems like an awful lot of sand to put a full football field with esn't seem like anything really addresses our concerns from uess I'm asking a question that deals with another Ike type And there's no part of this plan that I'm seeing that really e a quick question about that.

ped walk over places that y'all would put over on the beach r area, Johnson Road in the Kaplan addition, close to Rollover Ne had a handicapped ramp on a walk over and it went over re before Ike, which it took away. I'm just wondering if y'all cifically this neighborhood, because that is one of the reasons e handicapped and walk over so that was accessible for myself horter. Appreciate any help with that. Thank you.

appreciate the effort and time that everyone involved has d covers a tremendous amount of infrastructure that will help I don't see anything in the plan addressing water inflow and esident permanent of Isla del Sol. We're about four miles like to see something addressed with regards to the San Luis because I'm concerned about a bay surge once water comes cane. Thank you much again for your time.

at this point. We'll submit some comments later. Thank you

In the Bolivar Peninsula and have had property through Ike the height of a storm surge that this system will protect that was 18 plus feet in the area where I was, and I don't know if were 12 and 14 I think, the sand dunes. So that's not going to be the beach as a front row property owner, being able to walk in one of your diagrams, and then I saw maybe it's just a Ik or drive for golf carts or whatever. So that wasn't real plain we more.

It the maintenance going forward after this is completed. mount because mother nature is going to do it's work on that tually, I'm not an engineer, that sand is going to go away. And bic yards of sand to be brought in every six or seven years. It going to be Galveston County? Is that going to be a can't hold any more burden on taxes to maintain that. So I ok forward to more details. Maybe I can find those details as I n available as time goes on. Thank you for your time.

. I'll also submit them in writing.

Meeting Date & Time	First Name	Last Name	Public Official?	Address	City	State	Zip	Email	
November 16, 2020, 11AM - 1 PM	Carl	LeBlanc	No	279 Nelson Street	Orange	тх	77630	carl@gt.rr.com	Yeah. So haven't mentioned anything if y'all going to have a public commen noticed on the Core of Engineers web Coastal Storm Risk Management Rest answer my questions, but how can I g like y'all to come to Orange County fo have concerns about residential flood diagram. There's some square culvert keep the storm surge from coming in I know somebody said something abo surged, some of the water would com those clean from debris? And there's Orange County to go under water aga old and I know how water drains out storm levee is just going to make the would appreciate it if let me know if v
November 16, 2020, 11AM - 1 PM	Bob	Rehak	No	2702 Rocky Woods Dr.	Houston	тх	77339	brehak@rehak.com	I have several questions/comments. T one is how will a ring system with 14 t there, especially if the wall is on the la be kind of hard to get over that to the populated areas, would strategic retro very few people? And the fourth one didn't hear you mention how big of a instance, is it a category one, a categor would appreciate answers to those qu time. It was a great presentation. I rea
November 16, 2020, 11AM - 1 PM	Brandy	Wagner	No	2221 Canada St.	Houston	тх	77023	bwagner@ceshepherd.com	Hi. I was just curious if we had though welded wire gabions.
November 16, 2020, 11AM - 1 PM	Mike	Pearson	No	1210 Lakeshore Dr.	Spicewood	тх	78669	chorsediveatx@aol.com	I have a question about the, I think or Beach, which most of the locals say is curious as to would we have access th Pilsner Boat Ramp still? Would there I And I'm just curious, some of the press size gate system actually butting up ag show that not happening and I didn't And really, I think that's all the question you.

#### Comment

ng about Orange County in this presentation. I was wondering ent about the Orange County risk management levee. I ebsite that it says that Sabine Pass Galveston Bay Texas storation is the final report. I know you're not going to I get my questions answered through email? We sure would for the public to be able to ask questions because we do oding once the levee is made because y'all put it in some rts that are being put in through the levee. What is going to n through the levee?

bout some check valves that would close off when the storm ome in, it would hold the water out, but who's going to keep as several places that this storm levee is going to cause gain, believe me. I've been living here all my life. I'm 64 years it of this county and nothing has been done about it. This e rain events even worse. I know you can't comment, but I f we're going to have an Orange County meeting. Thank you.

. The first one is where will the sand come from? The second 4 foot high walls around Galveston Island affect businesses e landward side of Seawall Boulevard? It seems like it would he beaches. The third one is in some extremely sparsely treat make more sense than installing a barrier to protect he has to do with the degree of protection. Is it enough? I a storm these measures will protect people from. For gory two, category three, four, five, that kind of thing. I sure questions in future meetings. Thank you so much for your really appreciate it. Bye-bye.

ght about the usage of gabions at all in this project... the

on y'all's presentation, it's referred to as the Corpus Christi is just the North Jetty Beach or the boat ramp beach. I was the boat ramp, the Texas Parks and Wildlife Department e be beach access? Would there be access to the North Jetty? resentations y'all have had before showed your diminishing against the Fort Travis Seawall. the most current pictures o't know if that was just by accident or if that was by design. stions I have. Looking forward to an answer later on. Thank

Meeting Date & Time	First Name	Last Name	Public Official?	Address	City	State	Zip	Email	
November 16, 2020, 11AM - 1 PM	Cliff	Schlabach	No	122 Whiteley Dr.	Corpus Christi	тх	78418	surfridertxcbc@yahoo.com	Yes, thank you very much. I appreciat with the Texas Coastal Bend Surfrider all along the Texas coast. We're going Open Beaches Act is being followed a other concerns are the double berm s Galveston Island and where the sand going to take a lot of sand to maintain that sand is going to come from. So th this project as it goes along and repor we'll have future comments. So thank
November 16, 2020, 11AM - 1 PM	Justin	Bower	No	2555 Timmons Ln. Suite 120	Houston	тх	770077	justin.bower@h-gac.com	I first wanted to thank you very much appreciate the effort to get out to ou ambitious project easily accessible. We effort that has been put into this proj potential complications. One thing as just a recommendation a work and your study effort, but there around this effort on a large scale and there are other ideas and efforts out making the case, even beyond the ver comparison, whether it's on cost or e the Bay Park Plan or other efforts to p brought up in this session and potent warranted as on Galveston. Obviously I'm not making that sugges comparative question is being asked, do to show how this idea potentially the right recommendation over other public make a very clear and transpar you all very much. We appreciate you
November 16, 2020, 11AM - 1 PM	Sean	Palmer	No	-	-	тх	-	-	I have comments about that I'd like t shoreline protection goes. We've had to protect the fisheries and the shore implementation of that. Now I know deteriorating, but with our stainless s protecting shorelines and the enviror implemented into the plan if I could.

#### Comment

iate the opportunity to make a comment. I am Cliff Schlabach ler Foundation. And I think our main concern is beach access ng to be keeping a real close eye, we'll be sure that the Texas d as far as beach access for the public goes. And some of our n system that's going to be used on Bolivar and around nd supply is going to come from. That's a lot of sand and it's ain that. And just have some questions about where all of that's our main concerns for now. I will be keeping up with porting to our Surfrider chapters in Texas, all five of them. And and you very much for the opportunity.

uch for this very accessible and detailed presentation. We our communities and make what is obviously a very large and . We do thank you very much for the amount of work and roject and for the foresight in dealing with some of the

on and realizing this is potentially outside of the scope of your ere are still, even as much as things have started to coalesce and government-backed, greatest potential for future funding, ut there, things like the Bay Park Plan. It might be helpful in very beneficial BCR of this project, to even at a high level, do a r effectiveness or potential levels of protection to things like o potentially answer some of the questions that have been entially others in terms of is protection on Bolivar as

gestion, but since that has come up and that sort of ed, our recommendation would simply be anything you could ly interacts with other efforts or potentially is superior or is her efforts would be greatly appreciated to help the general parent ability to support or otherwise this project. So thank your effort and we look forward to hearing more.

e to see more environmental impact in the study as far as ad several projects where gabion seawalls were implemented relines as well as for breakwater protection and I'd like to see w as far as gabions go, there's been concern about the wire s steel wires, these gabion systems are very effective at onmental impact to the area. So I'd like to see more of that d. Thank you.

Meeting Date & Time	First Name	Last Name	Public Official?	Address	City	State	Zip	Email	
November 16, 2020, 6PM - 8PM	Ralph	McMorris	No	1202 Postoffice St	Galveston	тх	77550	ralph@ltblender.com	I live 202 Post Office Street on Galvest sequencing of the projects. I would lik think the benefit to the island for that advantage of delaying. And so I'm sure to build it taller to protect against a 10 in front of it. However, the probability relatively small compared to the prob- Island without any protection. So I know you're not answering quest because 20 years of protection to Galv area. It could even provide protection to flee a storm like a Hurricane Ike, wh haven't seen why you folks haven't do of time and thank you so much.
November 16, 2020, 6PM - 8PM	lan	Shelton	No	8101 Research Forest Dr	The Woodlands	тх	77382	ianshelton01@gmail.com	The only comments that I had I'll keep general timeline on this more so, beca segments. On the bay line of defense, that project, and pretty much the sam would we expect to see this project be completed? And that's it. Thank you.
November 16, 2020, 6PM - 8PM	Kenneth	Teague	No	2918 Ranch Rd 620 N	Austin	тх	78734	kgteague@sbcglobal.net	Okay, first of all, I had a hard time. I di email or anything in order to participa so this is kind of unusual that I didn't g chore to join in on this. So regarding t imperative that the EIS thoroughly res Channel on propagating storm surge i reason for this project is largely the He case is extremely important. Secondly, a large proposed gate system support it. And the dune height propo of discussion about what is a natural of and why do you think it's okay to prop Anderson says that there's not a lot of sand supply assertions. And finally, rep project to me and that isn't acceptable

#### Comment

eston Island, and I am most are concerned about the like to see the ring barrier built first instead of last because I hat 20 years in between will more than outweigh the ure I understand from what I've heard that, well, you'd have 100 storm because it would be greater without the Ike Dike ity of a storm being, I guess, over topping that must be obability of a storm during that 20 years hitting Galveston

stions, but I really haven't seen a analysis of either choice alveston Island proper would more than benefit most of the on for the folks on the west end or anywhere else that needs which I endured and survived, of course. And so I really still done a better job of analyzing that. And I see I'm running out

ep it pretty brief. I was just curious to know more of a ecause I know this project is something that will be planned in se, I was just wondering what's the timeline on the start of ame for everything more on the gulf side as well. When began, and is there a order on which these projects will be J.

I didn't get any acknowledgement from you in terms of an ipate in this program. Participate in a lot of programs like this, i't get something that helped me to participate. It was quite a g the study itself, I think it's extremely important. It's research the role of the enlargement of the Houston Ship ge into the Galveston Bay system. In other words, the whole e Houston Ship Channel. So acknowledging the fault in this

stem should be a natural dune system. If it's not, I would not oposed is larger than natural, so there needs to be a whole lot al dune in this part of the world, and what are you proposing ropose something different than what's natural? John t of sand out there. And so you need to really support your regarding Galveston Island, it looks like a channel deepening able. That's it.

Meeting Date & Time	First Name	Last Name	Public Official?	Address	City	State	Zip	Email	
November 16, 2020, 6PM - 8PM	Phillip	Kropf	No	515 West Main St	Houston	тх	77006	pkropf@flash.net	I've been a sailor on Galveston Bay for ever since its inception, trying to prov recreational harbor rep, the Harbor Sa way to get information out. I'm 77 yea have to deal with because of the time structure. The 146 widening project is any detail there. It's just highly schem number seven in the study pump stati Clear Lake, which I understand are nor I think in our earlier version at the last gates. I happen to also be in the marin side of the channel. I know our private like to say as soon as possible, more d yet. I was an architect; I know about d annex seven, the first drawing, their p flood wall stops at 2094. And I know d
November 16, 2020, 6PM - 8PM	James	Robertson	No	12422 Normont Dr	Houston	тх	77070	jhrver@aol.com	One thing that I wondered in the over to preserving the eastern part of the k Bolivar Peninsula. And when you look preserving those areas, I just wonder then the Chambers County area, as or preserving the Houston Ship Channel, itself. It seems like there's a significant that could be left in a more natural sta of the development and most of the in
November 16, 2020, 6PM - 8PM	A.J.	Widacki	No	13503 Windlass Cr	Galveston	тх	77554	aj.widacki@parsons.com	I didn't even realize I was signed up to I've recently become a full time reside particularly interested in the dune sys end of Galveston Island beyond the se additional shoreline that y'all are prop side will be receptive to. I know they've wouldn't directly affect us, whatever ye what is proposed just based on being Ike and all the other storms since ther the rest of the public down here on the last 40 seconds here.

#### Comment

for almost 30 years, and following this project for a long time ovide information out to recreational boaters. I was the Safety Committee for six years and used that vehicle as a years old. I don't anticipate any of these structures I'll ever neline, but I am particularly interested in the Clear Lake gate is right there. I've been to the story map. I really don't see matic. I did find under Appendix D engineering, annex ation plans and kind of a plan view of the gate structure at now swing gates.

ast public meeting, they were going to be a guillotine type rina right there where that is going to land on the Caymen ately owned marina has some concerns about this. I'd just e detail on that. I understand we're not in the design phase t design traces and all, but what I'm seeing there in that r plan view, is a little bit concerning. I'm also curious how the v during Ike, water was in 2094, so I'm not sure why it ends

verall planning for this effort, there's significant effort going in e bay up into Chambers County and that area, as well as ok at the overall cost of the project and the benefits of er how you weigh the cost of protecting, as I say, Bolivar, and opposed to focusing more on the western portion and el, the Clear Lake area, the Lake City area, Galveston Island ant amount of cost and effort going into preserving an area state, but the focus on preservation of the area where most e industry is, that's basically the question. Thank you.

to speak and just wanted to attend and kind of listen in, but dent of Galveston down on the west end, and was ystem and all that was proposed for the area on the west seawall. And I'm hoping that the double dune system and oposing here will be that the other residents on the beach y've had a lot of comments. We live on the bay side, so it or you do. It's going to be over there, but where I do think an engineer and what I've seen from being here through then, that this one has a lot of good potential, and hopefully the west end will be receptive as well. And I'll turn over my

Meeting Date & Time	First Name	Last Name	Public Official?	Address	City	State	Zip	Email	
December 3, 2020, 11AM - 1PM	Kimber	De Salvo Anderson	No	2228 Broadway Avenue J	Galveston	тх	77550	kdesalvo@seaturtles.org	I'm the program coordinator for Turtle concerns about the gates across Boliv these gates be reopened? If there is a gates? As we saw with Hurricane Harv coming into the bay and salinity comin harming a lot of the local animals like lesions due to the prolonged exposure So our concern is that these gates, on challenges that come with hurricanes, the bay back to its previous state? In t and out of the bay and will affect the have ship traffic coming in and out. He themselves? Is there a plan for financi animals that travel in and out of the b you also have commercially relevant s and out of the bay. And it looks like m
December 3, 2020, 11AM - 1PM	Donna	Shaver	No	P.O. Box 181300	Corpus Christi	тх	77480	donna_shaver@nps.gov	I'm the Texas coordinator of the Sea T listening and I appreciate the opportu appreciate that you are providing the from the last version. I was not going
December 3, 2020, 11AM - 1PM	Leslie	Whaylen	No	P.O. Box 3045	Galveston	тх	77552	fishnerd2005-internetorder@yahoo.com	Thank you. My name is Lesley Whelar comment. I had been a resident of Ga highly concerned about the volume or sand needed for Bolivar Peninsula, 17 and more than 150 million cubic yards years. And that doesn't even count damage. And all of that proposed to c Again, thank you for the opportunity further. I thank you for listening to pro the Army Corps adjusting its plan
December 3, 2020, 11AM - 1PM	Brandy	Wagner	No	2221 Canada St.	Houston	тх	77023	bwagner@ceshepherd.com	I was curious to know if And I know time, but what the plans are for the ro repairs and things like that is pretty lin heavy equipment and machinery, and roadways. And so I think it would be a potential need for repairs. If we go ou vehicles, but when we bring in machin to do some damage. That's it.

#### Comment

rtle Island Restoration Network. And we have some major olivar that'll be put in Bolivar. When there is a storm, how will s a power outage, how will we find power to reopen the arvey, we had major water quality issues with pollution ming down to zero, killing off much of the oyster reefs and ke the resident dolphins who were very sick and had skin ure to low salinity.

once they're closed, how will they be reopened given the les, like power outages, wind damage? And how will you get In terms of the gates being there, that'll change tidal flow in the different animals that travel in and out of the bay. You also How will you prevent collisions with the structures ncing these structures to be repaired? And going back to the te bay, not only do dolphins and turtles migrate in and out, but at species like shrimp whose life cycle depends on moving in the my time's out. Thank you.

a Turtle Stranding and Salvage Network. I attended today for tunity to hear details about the proposed project and ne public a chance to see the details and how it has changed or pose any questions. I was here to watch. Thank you.

an, and I thank you for the opportunity to provide a Galveston for a total of 18 years off and on since 1988. I am of sand needed for the estimated 22 million cubic yards of 17 million cubic yards of sand needed for West Galveston, rds needed for periodic nourishment over the period of 50 ... I don't know if it even takes into account tropical weather o come from two offshore banks, Sabine and Heald Banks.

ty to comment. At this time, I'm not prepared to give anything previous comments during the public comment period and

w it's just commenting, so I don't expect a response at this roadways on Bolivar. I know that the funding for road limited and this project is going to be bringing in a lot of nd I anticipate that's going to create a lot of damage to the e a really good idea to add into the budget funding for out and take a look at some of the roads now, it handles the hinery that is thousands upon thousands of pounds, it's going

Meeting Date & Time	First Name	Last Name	Public Official?	Address	City	State	Zip	Email	
December 3, 2020, 11AM - 1PM	Chuck	Wemple	No	3555 Timmons Ln, Suite 125	Houston	тх	77008	cwemple@h-gac.com	Thank you very much for the opportu director of the Houston-Galveston Are opportunity to listen today. Our team as an agency and report back to our b adaptations made to the original desi continuing based on what you're head I've two primary questions. And I und be some way perhaps on the website of homes, the voluntary raising of hor Galveston Bay, it wasn't clear to me a that elevation of the 1,750 homes is p homeowners or some other source of the project. And then we do get questions from ti encouraged to see some of the ecosys and wondering if some of those could local government or a nonprofit, wou counterproductive or could that be ar of a coastal protection system? And th very much.
December 3, 2020, 11AM - 1PM	Susan	Fennewald	No	3408 Ave R 1/2	Galveston	тх	77550	susanfennewald@att.net	Thank you. I've been watching this ever Corps of Engineers would do better of spoken, you've spoken about the ben it. This project is very close to not bein their calculations so that we don't rea A reading of the early draft suggested then you cannot justify the building o the dunes on the West End of Galvest most expensive part of the project an didn't even do that completely, and we levee plus the dunes. The dunes on the West End of Galvest very little justification unless you build excellent benefit cost analysis if you d mainland areas. And so the Corps has analysis that should be done. I cannot and the rest of the United States to pa and the vacation homes on Bolivar.
December 3, 2020, 11AM - 1PM	Donna	Robinson	No	507 Bluewater Hwy	Surfside	тх	77541	ddolphin4@juno.com	Hello, my name is Donna Robinson an goes down to San Luis Pass and then s is it going to help our erosion problem Matagorda, and then there's like noth just curious as to how this is going to

#### Comment

tunity to comment today. I'm Chuck Wemple, the executive Area Council of Governments. Very much appreciate the im is joining each of the meetings so we can be well-informed r board of directors as well. Very encouraged to see esign based on public comment. Look forward to those earing during this public comment period as well.

nderstand that I can't get a response today, but if there could te for the study or in some other communication, the raising omes north of the levee structures on the west side of and perhaps I missed it in the presentation, if the funding for s part of the \$26 billion or if that would be provided by the of funding. So it's not clear to me if that's part of the cost of

time to time about when can things be started? And very system restoration activities that are in the current project, and be started in advance of the project being finalized by a build that somehow jeopardize this project and be an opportunity to have actually started the implementation that concludes my comments for today. Thank you again

evolve over the last 10 years or so, and I was really hoping the on their benefit cost analysis at this point. Every time you've enefit cost analysis and the Corps still does a pathetic job on eing above one, and the Corps seems to insist on structuring eally know the benefits and costs of the various components. ed that if you build the levee around the City of Galveston, of the gates and you cannot justify the dunes on Bolivar and eston. But the Corps refuses to do that. They've picked the and then they do the gates only on the analysis and they with a benefit cost analysis, and then the dune plus the

eston have very little justification. The dunes on Bolivar have hild the gate. And if you don't build the gate, you still have an do the levee around the City of Galveston and some of the as consistently refused to do the incremental benefit cost ot justify as a resident of Galveston asking the rest of Texas pay for putting a dune in front of the West End beach houses

and I am a resident of Surfside. I was just curious if this wall n stops, and what benefits is Surfside going to receive? How em? Because you've talked about Bolivar, West End, and othing in between. So I don't know all the details, and I was o affect the erosion at Surfside Beach. And that was it.

Meeting Date & Time	First Name	Last Name	Public Official?	Address	City	State	Zip	Email	
December 3, 2020, 11AM - 1PM	Doug	Peterson	No	2118 Cherrytree Ridge Ln	Houston	тх	77962	dougpetersonhtx@gmail.com	This is Doug Peterson in the Clear Lake about the cost of the overall project. I \$26 billion. I'm really interested to kno haven't had a chance to go to the web that was done. I also have even greater concerns abo talked about in the current plan, but I that the State of Texas is very tight wit concerned about that as well as overa know if that's included in that \$26 billi live in these communities. And I'm also wondering if you can doc and planned around the US coast, acro anything on the West Coast, but those a valuable to know just how much our I'd like to also see an example of use of Clear Lake, Seabrook, La Porte, and ot it for now. Thank you for the options.
December 3, 2020, 6PM - 8PM	Charles	Peterson	No	708 S 2nd St	Nederland	тх	77627	unclec@prodigy.net	Yes, thank you. My name is Charles Pe a home there since 1991. Of course it fact that you've made some changes t on Bolivar Peninsula. That makes a lot I'm still not in favor of this whole proje money than we should try to spend. P might've been a better way to approa I'm the one that has to pay for it. So, I gate system up to by Clear Lake or Mo didn't, but thank you again for changi If y'all go ahead with this and get the about the rest of the project. So thank

#### Comment

ake area. I appreciate the opportunity here. I have concerns t. I see that it appears to have come down from \$32 billion to know how that came about. What's different? And I hope... I rebsite and look at things at this point, but I'd like to see how

bout local costs, local share on this. I don't know if that's t I really don't know where that money's coming from. I think with its funds as our local counties and cities. So I'm erall continuing maintenance and operation costs. I don't billion, but we need to understand that there are people that

ocument what other similar projects are being considered cross the gulf and up the Atlantic coast. I don't know about ose are all competing for the same federal dollars. And it'd be our government is expecting taxpayers to pay for all this. And e of the Galveston Bay Park plan as the way to protect the other areas along the Western edge of Galveston Bay. That's as.

Peterson and I have a home on Bolivar Peninsula and I've had it was destroyed in Hurricane Ike and I really appreciate the is to how the tax system, or levy system will be implemented lot more sense than the original thing that y'all proposed.

oject. I think it's way too large and it kind of costs way more Possibly if you'd broken it up into different segments that oach it, but it's just extremely expensive and as a taxpayer, b, I was hoping that y'all would have considered moving the Morgan's Point, somewhere like that. But I see that you nging the levy system on Bolivar Peninsula.

e funding, I think we can live with it, but just not really crazy ank you again. I appreciate the opportunity to share.

Meeting Date & Time	First Name	Last Name	Public Official?	Address	City	State	Zip	Email	
December 3, 2020, 6PM - 8PM	Dave	Person	No	-	-	тх	-		Thank you. My name's Dave Person in that the corps of engineers has done to the GLO and other entities, such as Te dune model and whether it will withst the current proposal of the 12 foot 14 It was also mentioned during the press prevented through the flood gates at protection at San Luis Pass how much basically eradicate the prevention tha spine. The other, the third thing that I've not Lake in Dickinson Bay, it's unclear as t probably premature for me to ask tha do question though, the amount of ac particularly at Galveston Excuse me, up that will the flow be so rapid that i
December 3, 2020, 6PM - 8PM	Sue	Groff	No	409 Crescent Dr.	Bridge City	тх	77611	sue.groff@total.com	Information on how the double-dune be removed from that area? And ther legend that talked about how the pro there wasn't a clear explanation of th that's all I had. Thank you.
December 3, 2020, 6PM - 8PM	Emily	Cox	No	17815 Kings Park Ln	Houston	тх	77058	emilyahcox@yahoo.com	Hello, my name is Emily Cox. I live in C interest in that area and how it's affect studied a lot in the Ship Channel. I jus this project seems really The scope Obviously there's a need for a project impactful would be a better way to go environmental impacts, particularly w won't be any environmental impacts a Sorry for stopping you from closing th
December 8, 2020, 11AM - 1PM	Tanya	Rolf	No	815 Hawthorne Rd	Kemah	тх	77565	trolf@mcdermott.com	l have no comments. Thank you.

#### Comment

in League City, Texas. First off, I want to applaud all the work e to date and the work that they've done coordinating with Texas A&M Galveston. I have some concerns regarding the Instand a 50 year storm, let alone a a hundred year storm with 14 foot natural dunes versus a fortified dune.

esentation that 60% of the volume of water surge is at Bolivar Road. But no mention was stated regarding with no ch water would come in through that inlet and potentially hat we're putting in as far as the storm surge on the coastal

noted in looking at the website of the bay protection at Clear s to, with this, as to what the design will be. However, this is hat. I do see the need for both of those so I do support that. I aquatic flow through those systems when they're open, ne, at Dickinson Bay or Dickinson Bayou even when you open t it makes it difficult for smaller vessels to get in and out?

ne system in Bolivar, if water goes in that area, how is that to en there was another area that it talked about. There was a roperty would be used during the time of construction and that. So I'd like to get more information related to that and

A Clear Lake. Lived in Galveston for a long time so just have an fected by storms. I was a student at A&M Galveston and so ust wanted to echo the first speaker and say that I agree that e of it seems really large and just really, really expensive. ct like this, but I just think that maybe something that's less go. I just wonder, I still have some concerns about the with the gates in Bolivar. I'm not really convinced that there s as stated. Anyway, thank you for allowing me to speak. the meeting. Thank you.

Meeting Date & Time	First Name	Last Name	Public Official?	Address	City	State	Zip	Email	
December 8, 2020, 6PM - 8PM	Jordan	Macha	No	2010 N. Loop West, Suite 103	Houston	тх	77018	jordan@bayoucitywaterkeeper.org	Thank you everyone, and thank you for the Executive Director for Bayou City N throughout the whole lower Galveston group convened by the GLO, and I was comment period to January 13. I am p intend to submit full technical comme So our concerns are that the Galveston diverse bay system in Texas, and we're Texas Study and environmental impact from the construction and the implem information and the proposed project impact statement is insufficient. In particular, the proposed plan only a surge from the Gulf of Mexico, and we address flood and wind impacts to our Secondly, since its inception, serious of to the health of Galveston Bay and the and inland communities and industrie ecologically productive estuary here in Bay will undoubtedly result in econom Current preliminary modeling from the reduced flows can restrict movement and species movement, which I menti- understood before it goes to congress one and done, is it possible to continue

#### Comment

for this opportunity. Again, my name is Jordan Macha. I'm y Waterkeeper. We're based in Houston, but work ton Bay watershed. I'm also a member of the coastal working want to first express my appreciation for the extension of the n providing an overview of my comments this evening, but ments by the comment deadline.

ton Bay is the most economically productive and biological e're seriously concerned that the Army Corps draft Coastal pact study does not adequately address all the consequences ementation of the proposed coastal barrier system. The ects and the provided feasibility report and environmental

y addresses one symptom of hurricane disasters, which is the we would encourage the Corps to include projects that our coastal communities.

s concerns have been raised regarding the environmental risk the exorbitant cost for inadequate protection to our coastal ries should the surge barrier be built. As the second most e in the United States, the environmental harm to Galveston pomic loss for our region.

the Corps shows that the two mile long gate structures will tween Galveston Bay and the Gulf of Mexico, and these nt of marine species as well as change salinity, circulation, ntioned, within Galveston Bay. These impacts must be better essional approval and appropriation. All right. See, I only have nue with my comment?

Meeting Date & Time	First Name	Last Name	Public Official?	Address	City	State	Zip	Email	
December 8, 2020, 6PM - 8PM	Peggy	Zahler	No	1802 Rampart	League City	тх	77573	zahlerp@comcast.net	I'm a resident of League City. I have a in Galveston. As someone who owned addition Spanish Grant Beach lost abd flooded in Harvey. I'm at I-45 and 518 vested interest, not only from a surge I am looking at this project as a mech decisions. Do we stay in the area or d making. So the gates at Clear Lake and we understand that they're designed weather conditions, including sea leve I do believe that the way the public has testament to the seriousness of the C attended all of the meetings that hav feel like I've had a voice at the table, a Obviously, those of us on the west en goal to get to the next phase. We can but we have got to make progress and mechanism to move forward. So than forward to working with you.
December 8, 2020, 6PM - 8PM	Joseph Brent	Stool	No	3530 Durhill St	Houston	тх	77025	j.brent.stool@gmail.com	I was primarily concerned about sea g they've been understudied and suffer bay system. And I currently found tha lack of specificity as to how the sea g grasses that are there will be identifie coverage level is today versus what it So again, just for clarity of water and Waterkeeper mentioned earlier, how the construction of the dike. So that's

#### Comment

e a home in League City plus a another home on the west end ned property during Ike and sustained significant damage, in about a quarter of their homes to the surge. And then I 18, so I had about three feet of water in my house. So I have a ge standpoint, but also rainfall.

chanism to provide those of us who have to make hard r do we leave? So I really consider this a lifeline in my decisionand Dickinson Bayou are extremely important to me and that ed to accommodate increasing challenges and threats from evel rising.

: hearings or public meetings have been conducted is really a e Corps to engage the public. And as someone who has ave been offered, including the in-person meetings, I always e, and I thank you for that.

end have concerns about the dune system, but I consider our an work through some of our issues during the design phase, and get through to the next phase. And I see this as a ank you for giving me an opportunity to speak and look

a grass beds within Galveston Bay. I know that historically ered tremendous damage from runoff pollution within the hat I'm encouraged by the dike, but found that there was a grass beds will be effected if the different varieties of sea fied and made sure to carefully be reintroduced and what the it is anticipated to be at the conclusion of the project.

d the species reproduction in there. Also, as Bayou City w this will be affected too with the changes in salinity with t's all I have, thank you very much for your time. Appendix E

Virtual Public Meeting Transcripts

#### Virtual Public Meeting Transcript

November 16, 2020, 11 a.m. – 1 p.m.

#### COASTAL TEXAS STUDY

NOVEMBER 16, 2020

11:00 A.M.

1 MR. STOKES: Good morning. And thank you 2 for joining us for the first of six public meetings for the Coastal Texas Study. On behalf 3 of the project team, we thank you for your time 4 5 and interest in the Coastal Texas Protection and 6 Restoration Feasibility Study of Coastal Texas 7 Study. My name is Connor Stokes. I will be 8 assisting the U.S. Army Corps of Engineers and 9 Texas General Land Office with today's public 10 11 meeting. 12 Before we proceed with our agenda, I 13 would like to acknowledge the project team members in attendance today. From the U.S. Army Corps of 14 Engineers, we area joined by Colonel Timothy Vail, 15 Commander of the U.S. Army Corps of Engineers 16 Galveston District, and Kelly Burks-Copes, U.S. 17 Army Corps of Engineers Project Manager. 18 19 And from the Texas General Land Office, we are joined by Mark Havens, Chief Clerk and 20 Deputy Land Commissioner, and Tony Williams, 21 22 Deputy Director - Coastal Field Operations. 23 During the meeting today, Colonel Timothy 24 Vail and Mark Havens will provide opening remarks followed by a presentation about the revised draft 25

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proposal from the Corps of Engineers and Texas
 General Land Office.

3 After the presentation, you'll be provided with the opportunity to speak directly to 4 5 the project team. If you did not sign up to speak 6 when you registered for today's meeting, you may 7 do so at any time during the meeting by using the 8 raised hand feature located at the bottom of the Webex participant list. Please see the screen for 9 additional instruction about using the raise hand 10 feature through Webex. 11

For individuals who have only called in through the phone, you have the option to sign up to speak by dialing star-three. You may also submit written comments through mail and email. Mailing address information and the project email address can be found online through the project website.

Speakers will be called on to provide comments in the order in which they have signed up. We will announce upcoming speakers in groups of five, so you're aware of when you will be called to speak. We will now begin the presentation

25 portion of the meeting with opening remarks from

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1 Colonel Timothy Vail, Commander of the U.S. Army 2 Corps of Engineers Galveston District, then Mark Havens, Chief Clerk and Deputy Land Commissioner 3 of the Texas General Land Office. 4 5 Colonel Vail. COLONEL VAIL: Thank you. 6 So qood 7 morning to everyone that's participating in the 8 first of what will be six formal public comment periods addressing the Army Corps of Engineers and 9 Texas General Land Office Coastal Texas Study. 10 11 Before we get started, I want to set the 12 stage and provide some context on where this 13 Coastal Texas Study fits in terms of the broad 14 strategy for coastal resiliency that's been 15 developed and progressing between the Army and the State of Texas. So briefly, after Hurricane 16 Katrina, Hurricane Rita, Hurricane Ike, a host of 17 other storms, a broad coalition began to form to 18 19 create the notion and concepts of the most 20 resilient Texas Coast possible. 21 Just as that coalition was forming, we 22 started to see a tremendous amount of exponential 23 growth along the Texas Coast, and a lot has 24 transpired. A lot has transpired since that -the initiation of most of those concepts back in 25

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Team Legal 800.882.3376 2008, and a projects quick update on where the
 Coastal Texas Study that we're discussing today
 fits within those broad concepts.

4 The first concept that materialized 5 following Hurricane Ike in 2008 was a component of 6 a resilient Texas Coast called the Sabine Pass to 7 Galveston Bay. The Sabine Pass to Galveston Bay 8 Project included the construction of hurricane flood protection systems for Orange County, raise 9 the existing hurricane flood protection systems in 10 Port Arthur Texas, as well as increasing the 11 12 height of the hurricane flood protection system in Freeport, Texas. 13

14 I'm pleased to let you know that all those are well underway. They were fully funded 15 in 2018 by the United States Congress in a 16 supplemental bill, and as it stands, we're well 17 into the design for Orange County. We're well 18 19 into the construction phase of raising the Port Arthur system, and we're into the design phase of 20 raising the Freeport system. 21 22 Now so Sabine Pass to Galveston Bay

23 provides a start point for this area of coastal 24 resilience. It is also matched with the 25 completion of (indiscernible) ecosystem

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restoration report that was completed last year, 1 2 specifically for Jefferson County, which provides standalone engineering with major alternative 3 that's providing enhancing coastal resilience 4 along the coastline around the Orange and Port 5 6 Arthur area, specifically for Jefferson County. 7 The third component is this study, the Coastal Texas Study, which is a \$26.2 billion 8 project that addresses the balance of the Texas 9 Coast with four separable elements. 10 11 The first are the series of gates, 12 interior bay gates for Dickinson and Clear Lake as 13 well as the gates across the Houston Galveston 14 ship channel for the existing sea wall (indiscernible), which are designed to limit the 15 impacts of surge. 16 17 The second separable element is the green barrier around Galveston Island. 18 19 The third would be the dune systems to 20 prevent envelopment in those two other separable elements, including 42 miles of dune system at the 21 22 bow of our peninsula to (indiscernible) and down 23 the sea wall to San Luis Pass. 24 And then most importantly, about this \$26.2 billion project that we're presenting to you 25

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1 today is that the Army and General Land Office 2 plan as presented, above all things, is truly competitive for federal investment with the Corps. 3 We have a broad responsibility to optimize the 4 5 direct economic benefits with the direct costs of the project under the framework of the federal 6 7 policy as the national economic development. And then one of our governing priorities in this study 8 process is to make sure that our recommendations, 9 our best engineering recommendations can actually 10 11 be implemented. And we are working on 12 implementation strategies. 13 As it stands right now, the state 14 legislature is planning to create a non-federal entity to partner with the Army for the next phase 15 of design and construction on the project. 16 Additionally, we have approved a framework to 17 continue the environmental analysis necessary to 18 19 advance the study. Many more site-specific 20 environmental impact statements, beyond this programmatic one that you're receiving today, need 21 22 to be in the next -- the next phase of the 23 process. 24 And then, additionally, we're working on a timeline for authorization of the project from 25

the Congress in the year 2022 with preliminary engineering and design, and continued supplemental environmental analysis, continuing and picking back up in 2023.

5 There is definitely a sense of urgency. 6 We've seen one of the most active tropical seasons 7 in a generation in the last year, and we've had some very close calls. So the sense of urgency is 8 there. Our commitment to the most resilient Texas 9 Coast is here. Most importantly, representing the 10 11 Army, it's imperative that all of you all 12 understand that we can't do it without the dedication of the State of Texas, and that 13 14 dedication is represented through the Texas General Land Office, who has been providing 15 critical leadership in getting the study to where 16 it is today, representing your voices and then 17 championing our implementation strategy. 18 With no further ado, I'd like to 19 20 introduce the Chief Clerk of General Land Office, Mr. Havens. 21 22 MR. HAVENS: Thank you, Colonel. Ι 23 appreciate it. Again, for the record, my name is 24 Mark Havens, Chief Clerk and Deputy Land

25 Commissioner of the General Land Office.

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1 As you heard from the Colonel, the Corps 2 is involved in quite a number of just incredible projects going on right now in the state of Texas, 3 and we're proud to be a part of all that. So 4 specific as to today, I just want to thank 5 6 everyone for coming out to the second public 7 comment period for the Coastal Texas Study. Addressing issues on the Texas Coast, 8 including storm surge and ecosystem enhancement 9 continues to be one of the top priorities for 10 11 Texas Land Commissioner, George B. Bush. 12 Now I know some of you may be asking, why 13 is the GLO involved in this study at all. The 14 land office was originally established to manage state-owned land, including submerged land under 15 tidal influence that stretches out to over 10 16 miles offshore. We're also the agency that's 17 18 responsible for the coastal management program, 19 Coastal Erosion Planning Response Act, CEPRA, that has funded a number of projects along the coast, 20 beach and dune protection, oil spill response in 21 state waters, and we played an ever-increasing 22 23 role in disaster recovery over the last several 24 years. In November of 2015, the GLO signed an 25

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agreement with the Corps to be the local partner for this Coastal Texas Study, and in doing so we committed to work with the Corps to develop a plan to increase the resiliency of the Texas Coast through an integrated approach that includes ecosystem restoration as well as storm surge barriers.

Now, again, I said we're here for the 8 second round of comments for this public comment 9 period, and I think our overall message today at 10 11 the Land Office is we're here today to say we're 12 today to say we heard you. This study team has 13 been working incredibly hard reevaluating proposed 14 features to address public comments from the first 15 comment period.

16 I know so often with these type of length, multi-year projects, the public comment 17 18 periods are seen as a check-the-box thing and move 19 on down the road. That is clearly not is what's 20 happening here today, and I think you will be pleased to see, when we share our progress with 21 22 you, there have been numerous changes to this study and all of those built around the response 23 24 that we received for the first round of public comment. So we look forward to sharing our 25

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progress with you today, and we want you to leave 1 2 feeling engaged, informed, and heard. Again, thank you for taking the time to 3 attend this public comment period. We're proud of 4 what we're doing. We want to hear from you and 5 just look forward to everything we have going in 6 7 the future with the Corps. MR. STOKES: Thank you, Colonel Hail and 8 Mr. Havens. We will now proceed with the Coastal 9 Texas Study presentation, describing the revised 10 11 draft proposal. 12 (Recording begins) 13 RECORDING: Welcome to the presentation 14 of the Draft Feasibility Report and Draft Environmental Impact Statement for the Coastal 15 Texas Protection and Restoration Feasibility 16 Study, also known as the Coastal Texas Study. 17 This presentation is intended to give you 18 19 information about the draft proposal identified in 20 the draft feasibility report and draft environmental impact statement, or the DEIS, 21 22 prepared by the U.S. Army Corps of Engineers in 23 collaboration with the Texas General Land Office. 24 Along the Texas Coast, vital resources critical to the social, economic and environmental 25

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welfare of the nation are at risk from damage by
 tropical storms.

When tropical disturbances negatively impact the Texas Coast, the immediate fallout and the continued aftermath affects not only the people who live in these coastal counties but also the entire nation. It is critical that we take action now to avoid the destruction that future storms will bring.

10 That's exactly why the U.S. Army Corps of 11 Engineers has partnered with the Texas General 12 Land Office to identify and recommend feasible 13 projects to reduce risks to public health and the 14 economy, restore critical ecosystems, and to make 15 the Texas coastline more resilient.

The Coastal Texas Study was initiated in 16 2014 to evaluate large-scale coastal storm risk 17 management and ecosystem restoration actions aimed 18 19 at providing the coastal communities of Texas with multiple lines of defense from a wide array of 20 coastal hazards. This study falls under the 21 22 USACE's civil works mission which includes, but is 23 not limited to, inland and coastal flood risk 24 management and restoration protection and management of aquatic ecosystems. 25

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1 The study area consists of the entire 2 Texas gulf coast, from the mouth of the Sabine 3 River to the mouth of the Rio Grande, and includes 4 the gulf and tidal waters, barrier islands, 5 estuaries, coastal wetlands, rivers and streams, 6 and adjacent areas that together make up what we 7 refer to as the Texas Coast.

In November 2015, the U.S. Army Corps of 8 Engineers entered into an agreement to officially 9 designate the Texas General Land Office as the 10 nonfederal sponsor, and begin development of a 11 12 feasibility study and environmental impact 13 statement. The Coastal Texas Study team was 14 officially formed, comprising of the U.S. Army 15 Corps of Engineers and the Texas General Land Office. 16

17 The study phase, or the phase in which we 18 determine the best course of action to protect the 19 Texas Coast, includes a series of reports that 20 explain the findings of the study and the proposed 21 plan of action. In fall 2018, the study team 22 released the first draft report and the draft 23 environmental impact statement.

24 Based on the input received during the 25 public review and comment period in late 2018 into

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1 early 2019, the study team began revising the 2 draft proposal to integrate public comments and 3 feedback. As this second draft proposal was formulated, the study team continued to seek 4 5 further public input through the establishment of 6 four community working groups led by the GLO as 7 well as a number of targeted stakeholder meetings. In addition, three public open houses 8 were held in February 2020 across the upper coast 9 to help inform the public. The study team will 10 continue to review and address the input received 11 12 from the public and resource agencies to produce the final feasibility report and environmental 13 14 impact statement which is anticipated to be published in May of 2021. The final report will 15 16 be signed by the chief of the Corps of Engineers in June 2021, which will mark the end of the study 17 18 phase. 19 After the study phase, the recommended 20 plan will be proposed for congressional authorization and funding. If approved and funded 21

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by Congress, the recommended plan would then be

years, depending on congressional authorization,

appropriations, and non-federal partnerships.

designed and constructed over a period of 12 to 20

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The project would be maintained after
 construction by a local sponsor or sponsors who
 have not yet been determined.

To comply with the National Environmental 4 5 Policy Act, or NEPA, a federal agency must prepare an environmental impact statement if it is 6 7 proposing actions that may significantly affect 8 the quality of the natural and human environment. The NEPA environmental review process seeks to 9 facilitate better informed decisions, focused on 10 avoiding, minimizing and/or mitigating potentially 11 12 negative impacts of federal action.

13 For the Coastal Texas Study, the U.S. 14 Army Corps of Engineers is following a tiered NEPA The final EIS will be published with the 15 process. final feasibility report in 2021, and supplemental 16 NEPA compliance documents will be prepared and 17 published for public review as the project is 18 19 designed. This means that the public will have 20 additional opportunities to engage with the team, review revised plans, and provide feedback. 21 22 In accordance with U.S. Army Corps of 23 Engineers planning guidelines and NEPA 24 requirements, a proactive approach was taken to engage the public, resource agencies, industry, 25

local governments, and other interested parties
 throughout the Coastal Texas Study planning
 process. This included regular and continued
 coordination over the study period.

Starting in 2014, during the 5 reconnaissance phase, a series of scoping meetings 6 were held; and now, a series of virtual public 7 meeting are being held to review and finalize the 8 second draft proposal and draft EIS. 9 Engagement activities have proven to be integral to the 10 11 planning process as they have generated thousands 12 of comments and suggestions which informed study 13 planners of key concerns and helped to shape and 14 refine the draft proposal.

Most significantly, public input received on the first draft integrated feasibility report and EIS in 2018, and consideration of community impacts, led to refinements in plan formulation which resulted in the revised draft proposal presented today.

Public comments received in the current review will be evaluated and documented in the final feasibility report and EIS. The public will continue to be informed during the design phase that occurs after the study phase. The impacts to

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1 the environment will be assessed as the project is 2 The impacts to the environment will designed. disclose site-specific impacts associated with the 3 proposed solution and identify the avoidance, 4 minimization, and compensatory mitigation efforts 5 6 to lessen adverse effects. In addition, the 7 updated documents will undergo formal public review periods and resource agency coordination. 8

The Texas Coast is vulnerable to tropical 9 storms and hurricanes that can take human lives, 10 flood homes and businesses, and damage coastal 11 12 ecosystems. The damages from hurricanes and 13 tropical storms could become more severe as wind 14 speed is projected to increase with higher sea 15 levels and rising ocean temperatures. When tropical disturbances negatively impact the Texas 16 Coast, they affect not only the people who live in 17 these coastal counties but the entire nation. 18 The 19 Texas Coast is an economic engine, home to ports, oil and gas refineries, corporate headquarters, 20 military bases, fuel supply and refinery 21 22 complexes, and numerous other enterprises. The shutdown of even a single Texas port 23 24 can impact state and national economies for a significant period of time, as experienced in 2008 25

when Hurricane Ike's storm surge and heavy winds 1 2 significantly impacted Brazoria, Chambers, Galveston, Harris, Jefferson and Orange counties. 3 The Coastal Texas Study team recognizes 4 that the natural physical features and processes 5 are interconnected with the man-made features 6 7 within the coastal Texas region. Population and industry grew in this region specifically because 8 these features supported economic growth. 9 However, erosion and storm surge reduce the 10 11 protection these barrier systems provide to the 12 coast. Relative sea level change increases the 13 vulnerability of these systems even further. Risk 14 reduction measures designed to sustain natural features and reduce inundation and erosion risks 15 can be achieved at lower cost when implemented 16 before conditions deteriorate further. 17 18 After the first draft proposal was 19 released in October of 2018 for public comment, 20 policy review and agency technical review, multiple changes were considered and developed to 21 reduce impacts and costs of the revised plan. 22 23 Most significantly, the plan no longer includes the originally-proposed levee flood wall segments 24 that would have paralleled State Highway 87 on 25

1 Bolivar Peninsula and FM 3005 on Galveston Island. 2 These segments were dropped from the plan to minimize both social and environmental impacts. 3 Instead, the draft proposal now includes 4 5 the Bolivar and West Galveston beach and dune system, a double-dune system designed to provide 6 7 both storm surge risk reduction and ecosystem 8 restoration benefits.

Among other changes at the Bolivar Roads 9 Crossing, a second 60-foot-deep navigation channel 10 11 and two 650-foot-wide draft surge gates are now 12 proposed instead of a 1200-foot-wide gate. The estimated refinements of the Bolivar Roads gate 13 system have reduced the constriction of flow 14 between the bay and gulf down from 27.5 percent, 15 to 7 to 10 percent. This, in turn, has reduced 16 the anticipated environmental impacts to the 17 Galveston Bay's ecosystems and has reduced the 18 19 amount of mitigation now necessary to offset 20 losses.

The Galveston ring barrier system has been realigned to reduce impacts to surrounding neighborhoods and incorporate more areas, and reoccurring sediment placement has been removed from the proposed ecosystem restoration features. 1 The second draft report now includes 2 these revisions as well as a revised draft 3 environmental impact statement and updated benefit 4 cost analysis, and suggested strategies for 5 implementation.

This time, we've developed a broader, 6 7 more holistic solution that combines manmade solutions with coastal restoration projects that 8 work together to protect the coast. This 9 comprehensive approach is referred to as a 10 11 "multiple lines of defense" strategy, and can be 12 divided into three categories: the gulf line of defense to keep storm surge in the gulf, which 13 14 includes the Bolivar Roads storm surge gate system 15 which has been designed to prevent approximately 60 percent of storm surge from entering Galveston 16 Bay, highlighting the need to implement the gate 17 18 system prior to the remaining proposed features; 19 the bay line of defense to manage water that is 20 already in the bay and any additional storm surge that overlaps the gulf line of defense; and 21 22 ecosystem restoration to enhance coastal 23 resilience into the future. 24 The proposed plan provides increased

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resiliency along the coast and is adaptable to

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1 future conditions, including relative sea level 2 change. As we mentioned, the gulf defense now includes a gate system across the Bolivar Roads 3 inlet, and 43 miles of beach and dune systems on 4 the front of the peninsula and the island, as well 5 6 as 2.9 miles of beach and dune structure down on 7 South Padre Island. The bay defense includes a 15-mile ring 8 barrier around the back side of Galveston Island, 9 and mainland defenses including gates and 10 11 (indiscernible) stations at Dickinson Bay, Clear 12 Lake, as well as nonstructural measures on the west side of Galveston Bay. 13 14 And the ecosystem restoration proposal 15 includes eight separate sites totaling over 6600 acres of habitat restoration coast-wide. 16 17 The study team hosted an international 18 storm surge gate design workshop with experts from 19 around the world to evaluate the previously-20 proposed gate design and suggested changes to improve safety, assure redundancy, and reduce 21 22 environmental impacts. The Bolivar Roads gate system represents the most critical feature of the 23 24 gulf line of defense and now includes 2 650-footwide floating sector gates, 2 125-foot-wide 25

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floating sector gates, 15 300-foot-wide vertical lift gates, 16 shallow water environmental gate complexes that are 16 feet by 16 feet, and tie-in structures comprising of flood walls and levees will join the gate system to the beach and dune system.

7 The deep draft navigation sector gates 8 across Bolivar Roads inlet will be anchored and 9 housed in man-made islands on both sides of the 10 existing and new channels. The gates will be 11 stored in dry docks within the man-made islands, 12 which will help minimize the probability of vessel 13 impacts during day-to-day activities.

As a storm approaches and a decision is made to deploy the gates, the dry docks will be flooded, allowing the gates to swing out and float into place. Then, water will be pumped into the arms, sinking them into place.

19 Once the storm surge event has passed,
20 the water will be pumped out of the gates and they
21 will be floated back into their dry docks on the
22 artificial islands.

23 The deep-draft navigation gate openings 24 will require dredging a second deep-draft channel, 25 and are designed to be 650 feet wide each with a

sill depth of 60 feet. The sill depth across the 1 2 ship channel will allow for future deepening of the Houston ship channel, which is currently 3 maintained at a depth of minus 48 feet mean lower 4 The gates will remain open year-round 5 low water. to maintain continuous navigation traffic. 6 The 7 gates will only be closed when a storm surge event 8 threatens the Texas Coast or for an annual maintenance check and inspection. 9

Smaller, 125-foot sector gates will be 10 located on each side of the larger 650-foot sector 11 12 gates for other vessels to travel through the 13 storm surge gate system without crossing paths 14 with the deep draft vessels. These sector gate complexes will have a reinforced concrete pile 15 foundation with steel fabricated gates. When the 16 gates are open, they are stored on the islands to 17 18 protect them.

19The channel crossing continues with a20series of vertical lift gates suspended between21concrete towers. The lift gates for the Bolivar22Roads crossing have 300-foot-wide openings,23including 8 lift gates with a 20-foot sill depths24and 7 lift gates with a 40-foot sill depth.25To the right, or north, of the vertical

1 lift gates we propose to build 16 shallow-water 2 environmental gates in the area nearest Bolivar Peninsula where the water is 5 feet deep or less. 3 These gated structures provide multiple openings 4 to allow for tidal passages from both sides of the 5 gates. The gates will require an access road on 6 7 the bay side of the structure to allow maintenance crews access to the gates and operating equipment. 8 The road will consist of stainless steel 9 industrial grating, which will allow sunlight to 10 pass through the water below, which reduces impact 11 12 to marine life. 13 To tie the gated structures to the land, 14 a 5300-foot-long combi wall will join the system to the levee system at the end. 15 Beach and dune construction on West 16 Galveston Island and Bolivar Peninsula form the 17 remainder of the gulf defenses. On West Galveston 18 19 Island, this feature would tie into the existing Galveston sea wall and continue westerly for 18 20 miles, ending at San Luis Pass. 21 22 On Bolivar Peninsula, the beach and dunes 23 tie into the McFaddin National Wildlife Refuge 24 Beach Ridge Restoration project, which starts approximately two miles east of highway 87 and 25

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continues southwest for 25 miles to the end of
 Biscayne Beach Road, where it links into the
 gate's levee feature.

Although the improved beach and dune 4 5 designs provide a lower level of risk reduction 6 than the previously proposed levee system, they 7 take advantage of the natural resiliency of sand systems, sustain the barrier island over time, and 8 strengthen the tie-in to the Bolivar Roads gate 9 system. These changes have been made in response 10 to public comments and represent a solution which 11 12 minimizes environmental and social impacts while still achieving significant coastal risk 13 reduction. 14

The proposed beach and dune features 15 include a 14-foot landward dune and a 12-foot 16 gulfward dune with a 250-foot-wide beach system on 17 the water side. It is important to note that this 18 dune field construction will begin at the current 19 dune line and build out toward the water rather 20 than building toward people's residences. 21 22 The draft proposal will require 23 approximately 22 million cubic yards of sand for 24 initial beach and dune construction along Bolivar Peninsula and approximately 17 million cubic yards 25

1 of sand for initial beach and dune construction 2 along West Galveston. And approximately 22 million cubic yards of material will be needed for 3 periodic nourishment along Bolivar Peninsula and 4 West Galveston, every 6 years for Bolivar and 5 every 7 years for West Galveston over a 50-year 6 7 period of analysis, considering the intermediate 8 relative sea level change condition.

Currently, there are 125 authorized beach 9 access points, 67 vehicle crossings, and 58 10 11 pedestrian crossings within the proposed beach and 12 dune systems. Existing authorized pedestrian 13 beach access crossings will be replaced with dune walk-overs to minimize impacts from the newly-14 15 created dune systems. Pedestrian traffic volume 16 will be investigated to determine an appropriate walk-over width for the location, and all up and 17 18 down ramps for the crossovers would be designed to 19 be ADA compliant. Existing authorized pedestrian 20 beach access crossings will be replaced with dune walk-overs to minimize impacts from the newly 21 22 created dune systems. 23 Vehicular ramps will be created to 24 minimize ramp length. The number of access points

25 will be in compliance with the Texas Open Beaches

1 Act.

2	On the lower Texas Coast, the South Padre
3	Island Coastal Storm Risk Management measure would
4	nourish the beach and dune along South Padre
5	Island to reduce risks from coastal storm surge to
6	businesses, residents, and infrastructure in the
7	highly developed area of South Padre Island.
8	Beach nourishment will also maintain beach habitat
9	for nesting sea turtles and birds. The plan
10	proposes beach nourishment on a 10-year cycle for
11	the authorized project life of 50 years.
12	The economic analysis confirms that beach
13	nourishment is cost-effective when considering
14	construction costs, benefits, and currently
15	estimated real estate costs.
16	The Galveston sea wall improvements
17	feature is a future adaptation to provide
18	additional storm surge and wave overtopping
19	reduction along the existing sea wall which will
20	connect to the Bolivar Roads gate system on the
21	east, and the West Galveston beach and dune system
22	on the west. The recommendation is to increase
23	the height of nearly 8 miles of existing sea wall
24	to reach a uniform level of protection of 21 feet
25	by adding curbing and drop-in gates where needed

on the landward side of Sea Wall Boulevard to
 address the risks of overtopping.

The Galveston Bay is a large enough body 3 of water that flooding can result from wind and 4 fetch pushing water up onto Galveston Island from 5 the back side. The Galveston ring barrier offers 6 7 the first component of the bay defenses to address this risk. The system ties into the existing sea 8 wall and proceeds clockwise from the west end of 9 the sea wall north in the proximity of 103rd 10 Street to Offatts Bayou; crosses the Teichman 11 12 Point area and ties into Interstate Highway 45; 13 continues east along the Harborside area to the 47th Street area; then continues north to the 14 Galveston ship channel; then continues east 15 through the Port of Galveston to the University of 16 Texas medical branch; turns northward to the 17 ferry; and then back south to the sea wall. 18 19 Numerous trade-offs between project cost, 20 project impacts, and overall effectiveness of the ring barrier system were evaluated and made during 21 22 the refinement of the alignment. 23 The ring's flood walls and gates have 24 been set at an elevation of 14 feet, which considers the water level of the bay and wave 25

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overtopping, assuming that the Bolivar Roads gate 1 2 system has been constructed in advance of a storm. Since Galveston Island currently operates 3 on a gravity drainage system, the plan would add a 4 forced drainage system consisting of approximately 5 six new pump stations to move water off the 6 7 island. The pump stations would address storm surge flooding as well as rainfall flooding during 8 storm events. Further, any features proposed by 9 the study are not permitted to worsen any existing 10 11 conditions, meaning the risk of flooding from a 12 rain event cannot be increased with the implementation of the ring barrier system. 13 14 Although the Bolivar Roads gate system 15 reduces the storm surge water of the gulf from entering Galveston Bay, residual risk exists due 16 to the storm's pushing the Galveston Bay waters 17 onto the mainland. The Clear Lake and Dickinson 18 19 Bay systems are proposed as a second line of 20 defense to address this concern. The Clear Lake and Dickinson Bay gate systems each consist of a 21 22 storm surge gate structure, associated flood 23 walls, and a pump station to address the residual 24 risk that persists in the Clear Lake and Dickinson 25 Bayou areas.

1 For Clear Lake, a closure is proposed at 2 State Highway 146 and Clear Lake to address Galveston Bay surge. The design includes a 75-foot 3 sector gate and a pump station with a designed 4 capacity of 20,000 cubic feet per second. 5 The 6 flood wall and closure structure would start on 7 the west side of State Highway 146 near NASA Road 1 and end on the south side of the outlet near 8 Marina Bay Drive west of State Highway 146. 9 For Dickinson Bay, a closure is proposed 10 11 at State Highway 146 and Dickinson Bayou to 12 address Galveston Bay surge. The design includes 13 a 100-foot sector gate with a design capacity of 14 19,500 cubic feet per second. The flood wall and closure structure would start on the west side of 15 16 State Highway 146 near Avenue T, and end on the south side of the bayou near Waterman's Harbor, 17 18 west of State Highway 146. 19 These features would include drainage 20 outlet structures, also called circulation gates, to allow hydraulic connectivity to be maintained, 21 except during closure for hurricane or tropical 22 23 storm surge events. 24 Non-structural measures are proposed for

24 Non-structural measures are proposed for 25 the west side of Galveston Bay, north of the Texas

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City hurricane protection levees. Non-structural
 measures include raising houses and/or flood proofing.

The study team reviewed residential and 4 5 non-residential structures within the Galveston Bay system that are predicted to sustain 6 7 significant damage during a variety of storm surge 8 flood events under the future with-project condition, with the surge barrier in place. Based 9 on an evaluation of cost and benefits and the 10 ability to continue to buy down risk, structures 11 12 still receiving damages in the 100-year storm 13 surge event were recommended for voluntary non-14 structural razings. About 1750 residential pier and slab-on-grade homes are being recommended to 15 be razed to the future, with project 100-year 16 stage plus 1 foot; and 170 non-residential slab 17 foundation buildings are recommended to be flood-18 proofed to 3 feet above the existing ground 19 elevation. If local floodplain standards are 20 higher than these recommended elevations, the 21 22 local standard should be followed. 23 The coast-wide ecosystem restoration plan 24 was formulated to restore degraded ecosystems that

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buffer communities and industry on the Texas coast

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1 from erosion, sinking land and storm losses. 2 Ecosystem restoration projects address habitat loss and degradation from coastal processes and 3 support the coastal storm risk management 4 components by providing a natural buffer from 5 6 coastal storms. Each ecosystem restoration 7 measure represents a combination of features and is formulated in a specific geographic location to 8 restore diverse habitats and provide multiple 9 lines of defense. 10

11 A total of eight ecosystem restoration 12 measures are proposed along the entire Texas Coast that collectively provide approximately 6610 acres 13 14 of ecosystem restoration. Ecosystem restoration measures included in the draft proposal include 15 114 miles of breakwaters; 15.2 miles of bird 16 rookery islands; 2052 acres of marsh; 12.3 miles 17 of oyster reef; and 19.5 miles of beach and dune. 18 19 Here, you can see the proposed measures 20 for Galveston Gulf Intercoastal Waterway shoreline and island protection. 21 22 Here, you can see the proposed measures 23 for Bolivar Peninsula and West Bay Gulf 24 Intercoastal Waterway shoreline protection and island restoration. You can also see proposed 25

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measures for Follett's Island gulf beach and dune
 restoration.

3 Here, you can see the proposed measures 4 for East Matagorda Bay shoreline protection and 5 Keller Bay restoration. Oyster reefs, revetment 6 and breakwaters will reduce erosion along the 7 shorelines and sediment will be used to restore 8 marshes, wetlands, and islands.

9 Here, you can see the proposed measures 10 for Powderhorn shoreline protection and wetland 11 restoration, and Redfish Bay protection and 12 enhancement. Again, offshore breakwaters and 13 oyster reefs will reduce erosion of the shorelines 14 and sediment will be used to restore marshes, 15 wetlands, and islands.

16 Finally, here are the proposed measures for Port Mansfield Channel, Island Rookery, and 17 hydrologic restoration of the Laguna Madre. 18 Sediment will be dredged from the channel and 19 20 placed on the beach in Mansfield Island, a bird rookery island. The opened channel will restore 21 22 the connection between the gulf and the lagoon. 23 While the team was able to minimize and 24 avoid many potential impacts by optimizing the proposed lands, an estimated 1577.6 acres of 25

direct and indirect impacts to wetlands, bay 1 2 bottom and oyster reefs, are still anticipated under the draft proposal. The impacts are divided 3 into two categories: direct and indirect. Direct 4 impacts are caused by the footprint of coastal 5 storm risk management feature construction, and 6 7 indirect impacts are caused by constructioninduced changes to the environment that are not 8 within the direct footprint. 9

A draft mitigation plan has been 10 11 developed to address the potential lost functions 12 and values of the impacted areas through the creation or restoration of habitats in the area. 13 Over 677 acres of habitat will be created, and an 14 additional 674.4 acres of existing low-quality 15 habitat will be enhanced to offset potential 16 direct and indirect impacts to wetland and oyster 17 18 reefs under the draft proposal. Potential 19 locations for mitigation sites have been developed by the study team, but will be refined further 20 during the pre-construction engineering and design 21 phase. Ultimately, the final size of the 22 23 mitigation measures may change. However, due to 24 the conservative nature of engineering and economic assumptions used in the development of 25

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the draft proposal, it is anticipated that design refinements of the proposed structures will result in equal or lesser environmental impacts than currently estimated.

For the overall combined project, the 5 6 project construction cost is estimated at \$26.2 7 billion, with 67 percent of the cost allocated for gulf defenses; 23 for bay defenses; and 10 percent 8 for ecosystem restoration. As you may notice, the 9 total economic recovery costs from previous storms 10 indicate that the proposed project could very well 11 12 pay for itself in just one storm.

13 With the draft proposal in place, not all 14 storm damages will be prevented, only reduced. Ιt 15 is important to understand that the project will not eliminate all risks to life and property. 16 Even with primary line of gulf defenses and 17 secondary line bay defenses, residual damages can 18 19 still occur from project exceedance events, rainfall events, and hurricane winds and wind-20 blown debris. 21 22 Implementing the coast-wide ecosystem 23 restoration plan would result in positive effects 24 on natural resources which are institutionally, technically and publicly recognized. Restoration 25

supports the global, national, state and locally 1 2 significant resources within the area and the unique services, functions and values provided by 3 these resources. Fresh, intermediate, brackish, 4 and saline marshes will be protected or enhanced 5 6 within a framework of marsh restoration, shoreline protection stabilization, and dune beach features 7 that interact to provide benefits greater than 8 Together, these features would help 9 their costs. protect against erosion and provide important 10 11 transitional estuarine habitat between upland and 12 marine environments. Restoring lost wetlands, protecting existing wetlands, and reducing the 13 profound environmental and habitat loss across the 14 15 study area could also help support the coastal 16 storm risk management portions of the recommendations. 17

18 Part of the area's vulnerability to 19 hurricane storm surge damages is directly related to the significant loss of wetlands the area has 20 experienced. Wetlands also provide important 21 22 habitat that directly supports the viability of 23 threatened and endangered species; commercially 24 imported species such as fish, shrimp and crabs; and the economy through the creation of and 25

support for industries that depend on wetlands
such as fishing and hunting guides, bait and
tackle shops, birding enthusiasts, and ecotourism.
Wetlands are a unique yet imperiled ecosystem in
the nation, and the coastal areas of Texas have
experienced a tremendous loss of this important
habitat.

Implementing the Galveston Bay storm 8 surge barrier system to reduce financial damages 9 from hurricane storm surge in the study area, 10 11 serves multiple purposes. First, it would help 12 lessen the financial and social impacts that 13 tropical storms and hurricanes can cause by reducing the risk of property damage that 14 displaces residents, shuts down commercial and 15 industrial services, and disrupts livelihoods. 16 Ιf structures avoid or experience less damage because 17 of the draft proposal, families and businesses can 18 19 rebound much more quickly after a tropical event. 20 Second, time, money and energy would not be lost to repairing structures damaged by storm 21 22 surge, relocating to other areas due to 23 displacement from a home or business, or 24 disruptions in community cohesiveness. The draft proposal would also help to ensure that the 25

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economy and the region's critical infrastructure 1 2 would continue to operate after a storm, and the stress and hardship associated with a hurricane 3 storm surge would be decreased. 4 Under the future without-project 5 conditions, approximately 250 critical 6 7 infrastructure sites would be impacted during a 100-year event. With the project in place, only 8 about 95 critical infrastructure sites would be 9 impacted under the same event. 10 11 Third, each coastal storm risk management 12 measure has a strong benefit/cost ratio, or BCR, with a 2.74 BCR for South Padre and 1.96 BCR for 13 14 Galveston Bay. The combined BCR for the CSRM measures is 1.96. A BCR over one indicates the 15 benefits of the project exceeds the costs, which 16 is a requirement for federal investment. And most 17 critically, if damages from storms were 18 19 distributed equally across all 50 years of the 20 study, the Galveston Bay storm surge barrier system is anticipated to reduce average annual 21 22 damages by \$2.28 billion per year. 23 That concludes the presentation portion 24 of today's meeting. We will now begin the commenting period. As a reminder, if you have not 25

registered to speak during the meeting today and would like to, you may do so at any time by using the raise hand feature located at the bottom of the Webex participant list or dialing star-three if you are joining us only by phone.

6 Due to the nature of today's virtual 7 meeting, the formal public commenting portion of today's meeting will be conducted in the following 8 way. First, federal, state and local elected 9 officials who wish to speak will be called on to 10 do so. Then, anyone else who has indicated a 11 12 desire to speak will be given the same opportunity. We will then call on each member of 13 14 the public who has signed up to speak by the name used during the meeting registration or by the 15 last four digits of your phone number if you are 16 only joining us by phone. 17

Each speaker will be given two minutes to make their comments. A countdown timer will be displayed on the meeting broadcast screen for each speaker to indicate the remaining time.

As your time ends, please be courteous to the other members of the public who wish to provide comments and quickly wrap up your comments to ensure that everyone who would like to speak

1 has the opportunity to do so.

2	If you do not need the entire time
3	allotted, help us to include everybody by only
4	using the time you need. If you complete your
5	comments in less than two minutes, we will restart
6	the clock for the next speaker. Remaining time
7	cannot be reserved or transferred to another
8	speaker.

9 Please keep in mind that we reserve the right to mute your microphone if this instruction 10 is not followed. We ask that you support us in 11 12 conducting a respectful, orderly, and courteous meeting. We want to be sure we get all your 13 comments recorded, and we need your cooperation to 14 do so. Here are a few ground rules for the 15 meeting today. 16

17 Since this meeting is being held virtually, we will keep all participant 18 microphones muted to avoid any background noise 19 that may make the presentation difficult to hear. 20 Connor will notify you when your microphone has 21 22 been unmuted. Please make sure you have also 23 unmuted your phone. 24 When it is your opportunity to speak,

25 please state and spell your first and last name.

We will not respond today to the comments
 submitted. However, all comments made today will
 be documented and reflected in the development of
 the final feasibility report and EIS.

Just a reminder, you may not defer your time to others. The public meeting will adjourn at 8:00 p.m. If you have additional comments that you would like to submit beyond what you are able to address during your comment period, please submit them in writing.

Speakers will be called on to provide 11 12 comments in the order in which they have signed 13 up. We will announce upcoming speakers in groups 14 of five, so you are aware of when you will be 15 called to speak. If you do not wish to provide a comment today but would like to submit comments to 16 the project team, there are other ways to do so. 17 You have the option to submit comments through 18 19 mail and email online through the project website. 20 All comments received during the formal commenting period through December 14, 2020, will carry the 21 22 same weight as the comments submitted today. You 23 do not have to submit a comment today, and you 24 will be heard just as clearly as those who spoke 25 today.

1 Additional information about submitting 2 comments is provided on the project website. (Recording ends) 3 MR. STOKES: We will now begin the formal 4 comment period for today's public meeting. 5 Since we do not have any public officials that have 6 7 signed up to speak today, we will proceed to comments from the public. 8 Our first five speakers are Jeffrey Hill, 9 Pamela Couch, Dan Hoenbaum, Jeff Sjostrom and 10 Harry Craig. We will begin with Jeffrey Hill. 11 12 Jeffrey, your microphone is now unmuted 13 and you can begin comments at this time. 14 JEFFREY HILL: I'm just confused about the details of the west end, particularly the 15 Pirates Beach, Pirates Cove area because we are 16 both beach and bay. And it seems like, you 17 18 know, an awful lot of sand to put a full 19 football field width there on the beach side, 20 and it doesn't seem like anything really addresses our concerns from the bay side. 21 22 So in other words, I guess I'm asking a 23 question that deals with another Ike type storm 24 that surges in from the bay, and there's no part of this plan that I'm seeing that really protects 25

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1 the bay side. So that's -- I just have a quick 2 question about that. MR. STOKES: Again, this is a formal 3 comment period, so we will not be providing any 4 5 answers to questions today. But thank you for your comments. We'll move along to the next 6 7 speaker. Our next speaker is Pamela Couch. 8 Pamela, your microphone is now unmuted, 9 and you can begin your comments at this time. 10 11 MS. COUCH: Thank you. My name is Pamela 12 Couch, and my question is about the handicapped walk-over places that you all would put over on 13 the beach on Bolivar side. 14 And before Ike, our area, Johnson Road in 15 16 the Kaplan edition close to Rollover Pass, was 17 handicapped-accessible. We had a handicap ramp and a walk-over, and it went over the big 18 19 structure that they had there before Ike, which it 20 took away. Just wondering if you all were going to replace that. And specifically this neighbor -21 - because that is one of the reasons that I bought 22 23 here is because of the handicap and walk-over, so 24 it was accessible for myself to get over there as my life grows shorter. Appreciate any help with 25

1 that. Thank you.

2 Thank you for your comments, MR. STOKES: 3 Your microphone is now back on mute. Pamela. Our next speaker is Dan Hoenbaum. 4 Dan, your microphone is now unmuted, and 5 6 you can begin your comments at this time. 7 MR. HOENBAUM: Thank you. First I'd like to say I really appreciate the effort and time 8 that everyone involved has spent. The plan is 9 very thorough and covers a tremendous amount of 10 infrastructure that will help us in the future. 11 12 My concern is that I don't see anything 13 in the plan addressing water inflow and outflow at 14 the San Luis Pass. I'm a resident, permanent of Isla Del Sol. We're about four miles from the San 15 16 Luis Pass, and I would like to see something addressed with regards to the San Luis Pass and 17 water inflow and outflow because I'm concerned 18 19 about a bay surge once water comes in through the 20 Pass on a large hurricane. Thank you much again for your time. 21 22 MR. STOKES: Thank you for your comments. 23 Your microphone is now back on mute. 24 Our next speaker is Jeff Sjostrom. Jeff, your microphone is now unmuted, and 25

you can begin your comments at this time. 1 2 MR. SJOSTROM: Thank you, Connor. No comments at this point. We'll submit some 3 4 comments later. Thank you for the time. Okay. Thank you, Jeff. Your microphone 5 6 is now back on mute. 7 Our next speaker is Harry Craig. Harry, your microphone is now unmuted, 8 and you can begin your comments at this time. 9 10 MR. CRAIG: Thank you. I'm a property owner on the Bolivar Peninsula and have had 11 12 property through Ike there and lost a house. Ι 13 didn't hear the height of a storm surge that this 14 system will protect that I could understand. Obviously, Ike was 18-plus feet in the 15 area that I was, and I don't know if this will 16 17 protect that. Those dunes were 12 and 14, I 18 think, the sand dunes. So that's not going to 19 help. I'm concerned about access to the beach 20 as a -- as a front row property owner, being able 21 to access the beach. I saw a wooden walk in one 22 of your diagrams, and then I saw -- maybe it's 23 just a rendering -- of a dirt walk or drive for 24 gulf carts or whatever. So that wasn't real plain 25

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1 to me. Maybe the full report will have more.

2 And then I'm really concerned about the maintenance going forward after this is completed. 3 Who is going to pay for that huge amount? Because 4 Mother Nature is going to its -- its work on that 5 sand that you brought in and eventually -- I'm not 6 7 an engineer -- that sand is going to away. And I saw you had budgeted a lot of cubic yards of sand 8 to be brought in every six or seven years. Who is 9 going to pay for that? Is that going to be 10 11 Galveston County? Is that going to be a 12 combination? The property owners can't burden --13 can't hold any more burden on taxes to maintain 14 that. So I appreciate the session today and look 15 forward to more details. Maybe I can find those details as I dig a little further, or you'll make 16 them available as time goes on. Thank you for 17 18 your time. 19 MR. STOKES: Thank you for your comments. 20 Your microphone is now back on mute. 21 Our next five speakers are William King, Jason Jacob, Carl LeBlanc, Bob Rehak, and Terry 22 23 Card. 24 William King, your microphone is not unmuted, and you can begin providing comments at 25

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this time. Again, William King, your microphone 1 2 has been unmuted, and you can begin your comments at this time. Please remember to also double 3 4 check the audio on your own device as well. 5 Okay. William, your microphone has been 6 placed back on mute. Move along to our next 7 speaker. Jason Jacob, your microphone is now 8 unmuted, and you can begin your comments at this 9 time. 10 MR. JACOB: Thank you, guys for your time 11 12 today. I'll also submit them in writing. 13 MR. STOKES: Okay. Thank you. Your 14 microphone is now back on mute. Our next speaker is Carl LeBlanc. 15 16 Carl, your microphone is now unmuted, and you can begin your comments at this time. 17 MR. LEBLANC: Yes. You all haven't 18 19 mentioned anything about Orange County in this 20 presentation. I was wondering if they're going to have a public comment about the Orange County risk 21 22 management levee. I noticed on the Corps of 23 Engineers' website which says that Sabine Pass, 24 Galveston Bay Texas Coastal Storm Risk Management Eco Restoration is the final report. 25 I know

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you're not going to answer my questions. But how can I get my questions answered? Through email? And are you all going to have any more public comment sessions?

I sure would like you all to come to 5 6 Orange County to be able to ask questions because 7 we do have concern about residential flooding once 8 the levee is made because you all put it in some diagram. There's some square culverts that are 9 being put in through the levee. What is going to 10 keep the storm surge from coming in through the 11 12 levee? I know somebody said something about some check balance that would close off when the storm 13 14 pulls the water to come in. It would pull the water out, if we can keep those clean from debris 15 And there's several places that this 16

storm levee is going to cause Orange County to go 17 under water down (indiscernible) fully. I've been 18 19 living here all my life. I'm 64 years old, and I know how water drains out of this county and 20 nothing is being done about it. The storm levee 21 22 just going to make rain events even worse. I know 23 you can't comment, but I would appreciate it if 24 you all would let me know if we're going to have an Orange County meeting. Thank you. 25

1 MR. STOKES: Thank you for your comments. 2 MR. LEBLANC: Thank you, Colonel. MR. STOKES: Your microphone is now back 3 4 on mute. 5 Our next speaker is Bob Rehak. Bob, your microphone is now unmuted, and 6 7 you can begin your comments at this time. MR. REHAK: Hi. I have several 8 questions/comments. The first one is: where will 9 the sand come from? The second is: how will a 10 ring system with 14-foot high walls around 11 12 Galveston Island affect businesses there, 13 especially if the wall is on the landward side of 14 Seawall Boulevard? It seems like, you know, it 15 would be kind of hard to get over that to the 16 beaches. 17 The third one is: in some extremely 18 sparsely populated areas, would strategic retreat 19 make more sense than, you know, installing a 20 barrier to protect very few people? And the third one -- or the fourth one 21 22 has to do with the degree of protection. Is it 23 enough? I didn't hear you mention how big of a storm these measures will protect people from. 24 For instance, is it a category 1, a category 2, 25

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1 category 3, 4, 5? That kind of thing. I sure 2 would appreciate answers to those questions in 3 future meetings. 4 Thank you so much for your time. It was 5 a great presentation. I really appreciated it. 6 Bye-bye. 7 MR. STOKES: Thank you for your comments. Your microphone is now back on mute. 8 Our next speaker, Terry Card, is no 9 longer in attendance for the meeting, so we'll 10 11 move along to our next group of speakers. 12 Currently we only have three more 13 speakers who have signed up. So I encourage everyone in attendance, if you have not signed up 14 already, to use the raise hand feature to do so. 15 If you've only joined by phone, you can raise your 16 hand by pressing star-three. 17 18 And then as a reminder to everyone, there 19 will be an addition to the six formal NEPA public This is our first of those six. 20 meetings. We will be holding informational question and answer 21 22 sessions. Those will be held on December 2nd and 23 December 4th. The one on December 2nd will be 24 from 6:00 p.m. to 8:00 p.m. and on December 4th from 10:00 a.m. to 12:00 p.m. And you can find 25

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that information, log-in instructions and call-in 1 2 information on the study website. We'll now move on to our next group of 3 4 They are Brandy Wagner, Mike Pearson, speakers. 5 Jordan Frazier, Cliff Schlabach, and Justin Bower. 6 We will begin with Brandy Wagner. 7 Brandy, your microphone is now unmuted, and you can begin your comments at this time. 8 MS. WAGNER: Okay. I was just curious if 9 we had looked at any -- or if we had thought about 10 11 the usage of gabions at all in this project, the 12 welded wire gabions? 13 MR. STOKES: Again, this is not a 14 question and answer session. This is just a 15 formal comment period, so we will not be providing 16 answers --17 MS. WAGNER: Right. -- during this meeting. 18 MR. STOKES: 19 MS. WAGNER: Okay. Thank you. 20 MR. STOKES: Thank you for your comments. Our next speak is Mike Pearson. 21 22 Mike, your microphone is now unmuted, and you can begin your comments at this time. 23 24 I have a question about the MR. PEARSON: -- I think on you all's presentation it's referred 25

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to the Corpus Christi Beach, which most of the 1 2 locals say is just the north jetty beach or a boat ramp beach. I was curious as to would we have 3 access to the boat ramp, the Texas Parks and 4 Wildlife Department Pilsner (phonetic) boat ramp 5 6 still? Would there be beach access? Would there 7 be access to the north jetty? And just curious, some of the 8 presentations you all have had before showed your 9 diminishing size gate system actually butting up 10 against the Fort Travis sea wall. The most current 11 12 pictures show that not happening, and I didn't know if that was just by accident or if that was 13 14 by design. And really, I think that's all the 15 questions I have. Looking forward to an answer 16 17 later on. Thank you. MR. STOKES: 18 Thank you for your comments. 19 Your microphone is now back on mute. Our next speaker, Jordan Frazier. Looks 20 like Jordan is no longer in attendance with us. 21 22 So we'll move along to our next speaker. 23 Cliff Schlabach, your microphone is now 24 unmuted, and you can begin comments at this time. 25 MR. SCHLABACH: Yes. Thank you very

I appreciate the opportunity to make a 1 much. 2 comment. I am Cliff Schlabach with the Texas Coastal Surfrider Foundation. And I think our 3 main concern is beach access all along the Texas 4 5 Coast. We're going to be keeping a real close eye 6 to make sure that the Texas Open Beaches Act is 7 being followed as far as beach access for the 8 public goes.

9 And some of our other concerns are the double dune system that's going to be used on 10 Bolivar and Galveston Island and where the sand 11 12 supply is going to come from. That's a lot of sand, and it's going to take a lot of sand to 13 14 maintain that. And just, you know, I have some 15 questions about where all of that sand is going to come from. 16

17 So that's our main concerns for now. Ι will be keeping up with this project as it goes 18 19 along and reporting to our Surfrider Chapters here in Texas, all five of them. And we'll have future 20 comments. So thank you very much for the 21 22 opportunity. 23 MR. STOKES: Thank you for your comments.

24 You microphone has been placed back on mute.
25 Our next speaker is Justin Bower.

Justin, your microphone is now unmuted, 1 2 and you can begin your comments at this time. MR. BOWER: Good afternoon. This is 3 4 Justin Bower. I first want to thank you very much 5 for this very accessible and detailed presentation. We appreciate the effort to get out 6 7 to our communities and make what is an, obviously, very large and ambitious project easily 8 accessible. We do thank you very much for the 9 amount of work and effort that has been put into 10 this project and for the foresight in dealing with 11 12 some of the potential complications. 13 One thing is just a recommendation and 14 realizing this is potentially outside the scope of your work and your study effort. But there are 15 still -- even as much as things have started to 16 coalesce around this effort, being large scale 17 government-backed, you know, greatest potential 18 19 for future funding, there are other ideas and 20 efforts out there, things like the Bay Park plan. It might be helpful in making the case, you know, 21 even beyond the very beneficial BCR of this 22 23 project, to, even at a high level, do a 24 comparison, whether it's on cost, or effectiveness, or potential levels of protection, 25

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to things like the Bay Park plan or other efforts to potentially answer some of the questions that have been brought up in this session and potentially others in terms of, you know, is protection on Bolivar as warranted as on Galveston.

7 Obviously, I'm not making that suggestion. But since that has come up and that 8 sort of comparative question is being asked, our 9 recommendation would simply be, you know, anything 10 you could do to show how this idea potentially 11 12 interacts with other efforts or potentially is superior or, you know, is the right recommendation 13 14 over other efforts would be greatly appreciated to help the general public make a very clear and 15 transparent ability to support or otherwise this 16 project. 17 18 So thank you all very much. We 19 appreciate your effort, and we look forward to 20 hearing more. 21 Thank you for your comments. MR. STOKES: 22 Your microphone is now back on mute. 23 At this time we only have one more 24 speaker who has registered. So again, I encourage

25 everyone, if you have not already signed up to

speak, please use the raise hand or the star-1 2 three function on the phone to go ahead and sign up, if you would still like to provide a comment. 3 We do have plenty of time allotted left in this 4 meeting this morning. 5 Now I'll move along to that last speaker 6 7 that is registered. They are a call-in user with the first six digits, 713924. 8 I will now unmute your line, and if you 9 could please provide us your first and last name 10 11 before your comment. Your microphone has now been 12 unmuted. 13 MR. PALMER: Good morning. My name is 14 Sean Palmer, and I'm calling in. I have comments about -- that I'd like to see more environmental 15 impact in the study as far as shoreline protection 16 goes. We've had several projects where gabion 17 sea walls were implemented to protect the fisheries 18 and the shorelines as well as for breakwater 19 protection. Now I'd like to see implementation of 20 21 that. 22 I know, as far as gabions go, there's 23 been concern about, you know, the wire 24 deteriorating. But with our stainless steel 25 wires, these gabion systems are very effective at

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protecting shorelines and the environmental impact 1 2 to the area. So I'd like to see more of that 3 implemented into the plan if I could. Thank you. MR. STOKES: Thank you for your comments. 4 5 Your microphone has now been placed back on mute. At this time we do not have any more 6 7 registered speakers. So again, I encourage anyone, if you'd like to sign up, please do so 8 9 now. In the meantime, just to reiterate, 10 11 again, we will have five more of these formal NEPA 12 public meetings. One will be again today from 6:00 to 8:00. You can find that information on 13 the study website, also on December 3rd at 11:00 14 a.m. and 6:00 p.m. respectively, and then again on 15 December 8th at the same times. Again, all that 16 information can be found on the study website. 17 In addition to those sessions, there will 18 19 be two more informational Q and A sessions, one on December 2nd from 6:00 p.m. to 8:00 p.m. and again 20 on December 4th from 10:00 to 12:00 p.m. 21 Once 22 again, all of that information, access 23 information, call-in information can be found on 24 the study website as well as just additional information about the study for any folks who have 25

questions or are curious about any of the
 information posted there.

3 At this time we still do not have any more registered speakers. So we have gone through 4 5 all the commenters who have signed up. At this 6 time the formal commenting period has ended. 7 All statements placed on the record will be given consideration. It should be noted that 8 comments can be submitted any time during the NEPA 9 process, but only those submitted during this and 10 the previous formal review and comment periods 11 12 will be included in the summary reports and considered in the development of the final 13 14 proposal. If there are no more speakers who wish to 15 comment, thank you for your participation today 16 and the interest that you have shown in the 17 Coastal Texas Study. This public meeting is now 18 adjourned. 19 20 (END OF VIDEO FILE) 21 22 23 24 25

1       CERTIFICATE OF TRANSCRIPTIONIST         2       I certify that the foregoing is a true         3       and accurate transcript of the digital recording         4       provided to me in this matter.         5       I do further certify that I am neither a         6       relative, nor employee, nor attorney of any of the         7       parties to this action, and that I am not         8       financially interested in the action.         9       Julie Thompson, CET-1036         14       Julie Thompson, CET-1036         15       I         16       Image: State St	
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# Virtual Public Meeting Transcript

November 16, 2020, 6 – 8 p.m.

## COASTAL TEXAS STUDY

NOVEMBER 16, 2020

6:00 P.M.

COLONEL VAIL: ... the second of six 1 2 formal public comment sessions. This is somewhat 3 It's unlike the typical question and different. answer session. This is really for a need to be 4 able to establish formal public comments to put 5 into the record that will be addressed in the 6 7 final environmental impact statement whose goal we 8 study.

I do anticipate that there are still 9 plenty of questions from the public as you digest 10 11 the plethora of material that's been released in the report and via the website. So we will -- we 12 13 do have scheduled some specific question and answer sessions on the 2nd and 4th of December. 14 That information will come out further on the 15 16 website, but just for your own notes, you can write down December 2nd, 6:00 to 8:00 p.m. and 17 December 4th, 10:00 a.m. to noon are when we're 18 19 going to have yet another set of what's 20 considered deeper discussions in terms of questions and answers, as you work your way 21 22 through the report. 23 It is, you know, a COVID period. I do 24 want to recognize that, and that's why I just give credit to the team and to the public for 25

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helping us get to where we're at right now 1 2 despite COVID going on. But again, I point you 3 to the website in terms of https://urldefense.com/v3/ http://www.coastalstudy.texas.gov ;!! 4 NtP9J7iH11vXGg!a0rn-Bw4JptlxbdkRCu1iaf8td6J7kQpqmAQ6mr34EaLQuWyBU61veQnoX6n75dBWk350d4\$ . If you haven't had a 5 chance to read the report, it is extremely user friendly. We're very excited about the Corps of 6 7 Engineers rolling out a very user friendly report 8 and executive summary. 9 And then what we've done for COVID is 10 create a story map product on that website so 11 that you can go click on the story map and get a 12 deeper immersive and interactive experience in 13 terms of understanding the core through the GS 14 special technology that's presented to the 15 storyline. Many, many, many of your questions 16 ranging from where we're going to get sediment 17 from to how is the sea level going inundate us 18 potentially with and without project conditions. 19 Our representative (indiscernible) participate in 20 that on our story map. 21 But first, in terms of broad context of 22 where we're at with the Coastal Texas Study. I 23 want to refresh everyone just real briefly that 24 really the Army got involved with the State of 25 Texas, honestly, watching the impacts on the

psyche of the coastal citizens after Hurricane 1 2 Katrina, the last (indiscernible) we saw out of Louisiana and all the people that came over to 3 Texas from Katrina. Then immediately having that 4 sealed in our memory banks with Hurricane Rita, 5 and then having that really reinforced when 6 7 Hurricane Ike hit. The Army and the State GLO at the same 8 time started to come together as the coastal 9

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10 counties -- we're starting to come together to 11 really identify the need for comprehensive 12 coastal resilience.

13 What the Coastal Texas Study really is, 14 is part of a broader strategy. The first piece 15 of the broad coastal resilience strategy, of course, is the already authorized and funded 16 Sabine Pass to Galveston Bay projects that are 17 18 ongoing as we speak. And those include the 19 design and construction of a new hurricane flood 20 protection system for Orange County, increasing the heights and resiliency of the existing 21 22 hurricane flood protection system in Port Arthur. 23 And again, raising height and resiliency over the existing system in Freeport. 24 The second kind of big component that's 25

been completed is a plan for about 6000 acres of 1 2 ecosystem restoration, which is (indiscernible) 3 environmentally ecosystem restoration project in Jefferson County. That report has been completed 4 and submitted to Congress for authorization 5 6 (indiscernible). And that provides us an example 7 of the engineering nature and resiliency provided through ecosystem restoration that's also part of 8 the Coastal Texas Study. 9

10 So that's the Coastal Texas Study is the 11 (indiscernible) piece of the Army and the State 12 of Texas resiliency plan, and we're happy to be 13 where we're at tonight by giving you an overview 14 presentation of what the study entails.

But in short there's really four key 15 16 components to the study. (Indiscernible) is the presentation phase tonight, and I emphasize to 17 you it's really about the gates along 18 19 (indiscernible), the fences, the gate structures 20 for Dickinson and Clear Lake, and of course, the extensive gate structure across the Houston 21 Galveston ship channel for the existing sea wall 22 23 to the Bolivar Roads.

24The second would be the plan to prevent25Bayside (indiscernible) inundation on Galveston

Island with a ring barrier around Galveston 1 2 Island, preventing all that from being enveloped by the addition of a 42-mile beach and dune system 3 that runs the extent of the Bolivar Peninsula up 4 to McFadden and around the existing sea wall down 5 6 West Island to San Luis Pass. It really 7 complements those two previous structures. 8 The fourth is the ecosystem projects that are part of this study that are really the Corps 9 and the GLOs efforts to make use of existing 10 11 natural defenses from Galveston Bay all the way to 12 the Lower Laguna (phonetic). And that's where we're at in terms of the 13 14 whole of the study in terms of its recommendations. What you have is a \$26.2 billion 15 16 project that we're presenting to you tonight. 17 But make sure -- I guess I'll emphasize 18 that the Army and the State of Texas, through the 19 GLO -- this plan, above all things, what's 20 important to emphasize is that as it stands right now, even with that price tag of \$26.2 billion, is 21 22 competitive with (indiscernible). 23 We, the Army, have a broad responsibility 24 to optimize the direct economic benefits with the direct costs under the framework of existing 25

federal policy and national economic development.
One of our governing priorities in the study
process is really to be informed and take that
optimization with the costs and the benefits and
make recommendations that are likely to be
(indiscernible).

7 So we are, indeed, working on 8 implementation strategies based on the economic competitiveness of the plan as it stands. Right 9 now the state legislature has the intentions to 10 work forward in session this summer to create a 11 12 non-federal entity that will allow a partner to 13 form that can partner with the Corps of Engineers for the further design and construction of the 14 15 plan as presented tonight.

16 Second, an improved framework to continue 17 the environmental analysis has been developed, 18 which will include many, many more site-specific 19 environmental impact statements that will be done 20 as we progress through the next phase of this 21 project, specifically with preliminary engineering 22 and design of the project.

23 We are working on a timeline, the 24 implementation, which would include authorization 25 as early as 2022. That preliminary engineering

design work funding to be available in early 2023, which would allow us to get to an advanced level beyond the concept phase of the design right now and to further the environmental assessments that will be required as we move to understand the site-specific potential impacts of the design as they progress.

8 I'll tell you, there is a sense of 9 urgency, specifically, within the Army and the 10 GLO, given that we've seen the most active 11 tropical season in a generation, and we've had 12 some very close calls this year.

13 With that, I would be remiss if I said 14 the Army is definitely not doing this in a vacuum. We can't do this without the dedication of the 15 State of Texas with a significant partnership with 16 the General Land Office. The GLOs provide 17 critical leadership in getting us where we are 18 19 today, and they're really the champions of our 20 implementation strategy going forward.

And with no further ado, I'd like to
introduce the Chief Clerk of General Land Office,
Mr. Mark Havens.

24 MR. HAVENS: Thank you, Colonel. I 25 appreciate that. And I do want to say, on behalf

of all Texans, we appreciate the work that the
 Corps is doing.

3 We're proud to be a partner here at the Land Office with what's going on with the Corps. 4 As you heard the Colonel mention, there are 5 numerous things going on up and down the coast, be 6 7 it Sabine to Galveston or what we're here to 8 discuss tonight, the larger Coastal Texas Study. Addressing issues on the Texas Coast, 9 10 including storm surge and ecosystem enhancement 11 continues to be one of the top priorities for 12 Texas Land Commissioner, George B. Bush. The Land Office is focused on doing some smaller scale 13 14 projects that will help complement what we're doing with the Coastal Texas Study by that 15 critical infrastructure up and down the coast. 16 17 Our office is engaged in all things 18 coastal. We manage the Coastal Management 19 Program, CEPRA activities, beach and dune 20 protection, and in the last several years we've played a vital role in the long-term disaster 21 22 recovery. 23 As the Colonel mentioned, we were very 24 fortunate this season. We have not been that 25 fortunate in the past, and so we at the Land

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Office have seen firsthand the result of what happens post-hurricane and tropical storms as well, and we're still helping communities recover from that.

5 As the Colonel mentioned, in November of 6 2015, we signed an agreement with the Corps to be 7 the local partner for this Coastal Texas Study. 8 So we committed to working with the Corps to 9 develop a plan to really increase the resiliency 10 of the Texas Coast.

11 And what that means is you'll hear a lot 12 tonight about economic impacts and the optimum 13 protection this provides. And us being the 14 partner on the state level for the study, one of 15 our key areas of focus is: how does that impact local communities? What does it look like in your 16 neighborhood specifically? And that's what we're 17 here -- it's what we're here to discuss this 18 19 evening.

20 And so as we come up on this second 21 public comment period, I think the overall 22 takeaway is we heard you. The study team has been 23 hard at work evaluating proposed features that 24 address public comments from the first period. 25 As you'll see tonight, there have been

numerous changes to the plan, and a lot of that
 was in response to the first public comment
 period.

4 So I am really, honestly, excited to show 5 this presentation this evening. I think it's the 6 best one I've seen. I think this is the first 7 time that you'll really -- you'll get a better 8 understanding of the timeline. You'll get to 9 drill down and see specific features kind of 10 highlighting what this does.

11 And again, as the Colonel mentioned 12 earlier, coastalstudytexas.gov (sic) is a great 13 website that allows you to see the impact on the 14 coast as a whole, but to drill down and see what does this look like on my address; what does this 15 16 look like to my neighborhood? And that, I think, is very helpful in getting a greater understanding 17 of that. 18

19 So again, I just want to say thank you 20 for doing this. Thank you for accommodating us 21 doing this. We would have loved to have done this 22 in person, but I think with the story map and the 23 website we've got out there, we're doing our best. 24 And we really -- we look forward to hearing your 25 thoughts on this, this evening.

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MR. STOKES: Thank you, Colonel Vail and 1 2 Mr. Havens. We will now proceed with the Coastal Texas Study presentation, describing the revised 3 draft proposal. 4 (Recording begins) 5 RECORDING: Welcome to the presentation 6 7 of the Draft Feasibility Report and Draft Environmental Impact Statement for the Coastal 8 Texas Protection and Restoration Feasibility 9 10 Study, also known as the Coastal Texas Study. 11 This presentation is intended to give you 12 information about the draft proposal identified in 13 the draft feasibility report and draft 14 environmental impact statement, or the DEIS, prepared by the U.S. Army Corps of Engineers in 15 collaboration with the Texas General Land Office. 16 Along the Texas Coast, vital resources 17 critical to the social, economic and environmental 18 19 welfare of the nation are at risk from damage by 20 tropical storms. 21 When tropical disturbances negatively 22 impact the Texas Coast, the immediate fallout and 23 the continued aftermath affects not only the people who live in these coastal counties but also 24 It is critical that we take 25 the entire nation.

12

action now to avoid the destruction that future
 storms will bring.

3 That's exactly why the U.S. Army Corps of 4 Engineers has partnered with the Texas General 5 Land Office to identify and recommend feasible 6 projects to reduce risks to public health and the 7 economy, restore critical ecosystems, and to make 8 the Texas coastline more resilient.

The Coastal Texas Study was initiated in 9 2014 to evaluate large-scale coastal storm risk 10 11 management and ecosystem restoration actions aimed 12 at providing the coastal communities of Texas with 13 multiple lines of defense from a wide array of 14 coastal hazards. This study falls under the USACE's civil works mission which includes, but is 15 not limited to, inland and coastal flood risk 16 management and restoration protection and 17 18 management of aquatic ecosystems. 19 The study area consists of the entire

Texas gulf coast, from the mouth of the Sabine River to the mouth of the Rio Grande, and includes the gulf and tidal waters, barrier islands, estuaries, coastal wetlands, rivers and streams, and adjacent areas that together make up what we refer to as the Texas Coast.

1 In November 2015, the U.S. Army Corps of 2 Engineers entered into an agreement to officially 3 designate the Texas General Land Office as the non-federal sponsor, and begin development of a 4 feasibility study and environmental impact 5 6 The Coastal Texas Study team was statement. 7 officially formed, comprising of the U.S. Army 8 Corps of Engineers and the Texas General Land Office. 9

10 The study phase, or the phase in which we 11 determine the best course of action to protect the 12 Texas Coast, includes a series of reports that 13 explain the findings of the study and a proposed 14 plan of action. In fall 2018, the study team 15 released the first draft report and the draft 16 environmental impact statement.

17 Based on the input received during the public review and comment period in late 2018 into 18 19 early 2019, the study team began revising the 20 draft proposal to integrate public comments and 21 feedback. As this second draft proposal was 22 formulated, the study team continued to seek 23 further public input through the establishment of 24 four community working groups led by the GLO as well as a number of targeted stakeholder meetings. 25

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1 In addition, three public open houses 2 were held in February 2020 across the upper coast 3 to help inform the public. The study team will continue to review and address the input received 4 from the public and resource agencies to produce 5 the final feasibility report and environmental 6 7 impact statement, which is anticipated to be 8 published in May of 2021. The final report will be signed by the chief of the Corps of Engineers 9 10 in June 2021, which will mark the end of the study 11 phase. 12 After the study phase, the recommended 13 plan will be proposed for congressional 14 authorization and funding. If approved and funded by Congress, the recommended plan would then be 15 designed and constructed over a period of 12 to 20 16 years, depending on congressional authorization, 17 appropriations, and non-federal partnerships. 18 19 The project would be maintained after 20 construction by a local sponsor or sponsors who

21 have not yet been determined.

To comply with the National Environmental Policy Act, or NEPA, a federal agency must prepare an environmental impact statement if it is proposing actions that may significantly affect

the quality of the natural and human environment.
The NEPA environmental review process seeks to
facilitate better informed decisions, focused on
avoiding, minimizing and/or mitigating potentially
negative impacts of federal action.

6 For the Coastal Texas Study, the U.S. 7 Army Corps of Engineers is following a tiered NEPA 8 The final EIS will be published with the process. final feasibility report in 2021, and supplemental 9 NEPA compliance documents will be prepared and 10 11 published for public review as the project is 12 designed. This means that the public will have 13 additional opportunities to engage with the team, review revised plans, and provide feedback. 14 15 In accordance with U.S. Army Corps of

16 Engineers planning guidelines and NEPA requirements, a proactive approach was taken to 17 18 engage the public, resource agencies, industry, 19 local governments, and other interested parties 20 throughout the Coastal Texas Study planning This included regular and continued 21 process. 22 coordination over the study period. 23 Starting in 2014, during the 24 reconnaissance phase, a series of scoping meetings

25 were held, and now, a series of virtual public

meeting are being held to review and finalize the second draft proposal and draft EIS. Engagement activities have proven to be integral to the planning process, as they have generated thousands of comments and suggestions which informed study planners of key concerns and helped to shape and refine the draft proposal.

8 Most significantly, public input received 9 on the first draft integrated feasibility report 10 and EIS in 2018, and consideration of community 11 impacts, led to refinements in plan formulation 12 which resulted in the revised draft proposal 13 presented today.

14 Public comments received in the current review will be evaluated and documented in the 15 16 final feasibility report and EIS. The public will continue to be informed during the design phase 17 18 that occurs after the study phase. The impacts to 19 the environment will be assessed as the project is 20 The impacts to the environment will designed. disclose site-specific impacts associated with the 21 22 proposed solution and identify the avoidance, 23 minimization, and compensatory mitigation efforts 24 to lessen adverse effects. In addition, the updated documents will undergo formal public 25

1 review periods and resource agency coordination.

2 The Texas Coast is vulnerable to tropical 3 storms and hurricanes that can take human lives, flood homes and businesses, and damage coastal 4 The damages from hurricanes and 5 ecosystems. tropical storms could become more severe as wind 6 7 speed is projected to increase with higher sea 8 levels and rising ocean temperatures. When tropical disturbances negatively impact the Texas 9 Coast, they affect not only the people who live in 10 these coastal counties but the entire nation. 11 The 12 Texas Coast is an economic engine, home to ports, oil and gas refineries, corporate headquarters, 13 14 military bases, fuel supply and refinery 15 complexes, and numerous other enterprises. The shutdown of even a single Texas port 16 can impact state and national economies for a 17 18 significant period of time, as experienced in 2008 19 when Hurricane Ike's storm surge and heavy winds 20 significantly impacted Brazoria, Chambers, Galveston, Harris, Jefferson and Orange counties. 21 22 The Coastal Texas Study team recognizes that the natural physical features and processes 23 24 are interconnected with the man-made features within the coastal Texas region. Population and 25

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industry grew in this region specifically because 1 2 these features supported economic growth. However, erosion and storm surge reduce the 3 protection these barrier systems provide to the 4 coast. Relative sea level change increases the 5 vulnerability of these systems even further. 6 Risk 7 reduction measures designed to sustain natural 8 features and reduce inundation and erosion risks can be achieved at lower cost when implemented 9 before conditions deteriorate further. 10 11 After the first draft proposal was 12 released in October of 2018 for public comment, 13 policy review and agency technical review, 14 multiple changes were considered and developed to 15 reduce impacts and costs of the revised plan. Most significantly, the plan no longer includes 16 the originally-proposed levee flood wall segments 17 that would have paralleled State Highway 87 on 18 Bolivar Peninsula and FM 3005 on Galveston Island. 19 20 These segments were dropped from the plan to minimize both social and environmental impacts. 21 22 Instead, the draft proposal now includes 23 the Bolivar and West Galveston beach and dune 24 system, a double dune system designed to provide both storm surge risk reduction and ecosystem 25

1 restoration benefits.

2	Among other changes at the Bolivar Roads
3	Crossing, a second 60-foot-deep navigation channel
4	and two 650-foot-wide draft surge gates are now
5	proposed instead of a 1200-foot-wide gate. The
6	estimated refinements of the Bolivar Roads gate
7	system have reduced the constriction of flow
8	between the bay and gulf, down from 27.5 percent,
9	to 7 to 10 percent. This, in turn, has reduced
10	the anticipated environmental impacts to the
11	Galveston Bay's ecosystems and has reduced the
12	amount of mitigation now necessary to offset
13	losses.
14	The Galveston ring barrier system has
14 15	The Galveston ring barrier system has been realigned to reduce impacts to surrounding
15	been realigned to reduce impacts to surrounding
15 16	been realigned to reduce impacts to surrounding neighborhoods and incorporate more areas, and
15 16 17	been realigned to reduce impacts to surrounding neighborhoods and incorporate more areas, and reoccurring sediment placement has been removed
15 16 17 18	been realigned to reduce impacts to surrounding neighborhoods and incorporate more areas, and reoccurring sediment placement has been removed from the proposed ecosystem restoration features.
15 16 17 18 19	been realigned to reduce impacts to surrounding neighborhoods and incorporate more areas, and reoccurring sediment placement has been removed from the proposed ecosystem restoration features. The second draft report now includes
15 16 17 18 19 20	been realigned to reduce impacts to surrounding neighborhoods and incorporate more areas, and reoccurring sediment placement has been removed from the proposed ecosystem restoration features. The second draft report now includes these revisions as well as a revised draft
15 16 17 18 19 20 21	been realigned to reduce impacts to surrounding neighborhoods and incorporate more areas, and reoccurring sediment placement has been removed from the proposed ecosystem restoration features. The second draft report now includes these revisions as well as a revised draft environmental impact statement and updated benefit
15 16 17 18 19 20 21 22	been realigned to reduce impacts to surrounding neighborhoods and incorporate more areas, and reoccurring sediment placement has been removed from the proposed ecosystem restoration features. The second draft report now includes these revisions as well as a revised draft environmental impact statement and updated benefit cost analysis, and suggested strategies for

solutions with coastal restoration projects that 1 2 work together to protect the coast. This 3 comprehensive approach is referred to as a "multiple lines of defense" strategy, and can be 4 divided into three categories: the gulf line of 5 6 defense to keep storm surge in the gulf, which 7 includes the Bolivar Roads storm surge gate 8 system, which has been designed to prevent approximately 60 percent of storm surge from 9 entering Galveston Bay, highlighting the need to 10 11 implement the gate system prior to the remaining 12 proposed features; the bay line of defense to 13 manage water that is already in the bay and any 14 additional storm surge that overlaps the gulf line 15 of defense; and ecosystem restoration to enhance coastal resilience into the future. 16 17 The proposed plan provides increased 18 resiliency along the coast and is adaptable to 19 future conditions, including relative sea level 20 change. As we mentioned, the gulf defense now includes a gate system across the Bolivar Roads 21 inlet, and 43 miles of beach and dune systems on 22 23 the front of the peninsula and the island, as well 24 as 2.9 miles of beach and dune structure down on

21

25 South Padre Island.

The bay defense includes a 15-mile ring 1 2 barrier around the back side of Galveston Island, 3 and mainland defenses including gates and (indiscernible) stations at Dickinson Bay, Clear 4 Lake, as well as nonstructural measures on the 5 west side of Galveston Bay. 6 7 And the ecosystem restoration proposal 8 includes 8 separate sites totaling over 6600 acres of habitat restoration coast-wide. 9 The study team hosted an international 10 11 storm surge gate design workshop with experts from 12 around the world to evaluate the previously-13 proposed gate design and suggested changes to 14 improve safety, assure redundancy, and reduce 15 environmental impacts. The Bolivar Roads gate 16 system represents the most critical feature of the gulf line of defense and now includes 2 650-foot-17 wide floating sector gates, 2 125-foot-wide 18 19 floating sector gates, 15 300-foot-wide vertical 20 lift gates, 16 shallow water environmental gate complexes that are 16 feet by 16 feet, and tie-in 21 22 structures comprising of flood walls and levees 23 will join the gate system to the beach and dune 24 system. 25 The deep draft navigation sector gates

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1 across Bolivar Roads inlet will be anchored and 2 housed in man-made islands on both sides of the 3 existing and new channels. The gates will be 4 stored in dry docks within the man-made islands, 5 which will help minimize the probability of vessel 6 impacts during day-to-day activities.

As a storm approaches and a decision is made to deploy the gates, the dry docks will be flooded, allowing the gates to swing out and float into place. Then, water will be pumped into the arms, sinking them into place.

12 Once the storm surge event has passed, 13 the water will be pumped out of the gates and they 14 will be floated back into their dry docks on the 15 artificial islands.

The deep-draft navigation gate openings 16 will require dredging a second deep-draft channel, 17 and are designed to be 650 feet wide each with a 18 19 sill depth of 60 feet. The sill depth across the 20 ship channel will allow for future deepening of the Houston ship channel, which is currently 21 22 maintained at a depth of minus 48 feet mean lower 23 low water. The gates will remain open year-round 24 to maintain continuous navigation traffic. The gates will only be closed when a storm surge event 25

threatens the Texas Coast or for an annual
 maintenance check and inspection.

3 Smaller, 125-foot sector gates will be located on each side of the larger 650-foot sector 4 gates for other vessels to travel through the 5 storm surge gate system without crossing paths 6 7 with the deep draft vessels. These sector gate complexes will have a reinforced concrete pile 8 foundation with steel fabricated gates. When the 9 gates are open, they are stored on the islands to 10 11 protect them. 12 The channel crossing continues with a series of vertical lift gates suspended between 13 14 concrete towers. The lift gates for the Bolivar Roads crossing have 300-foot-wide openings, 15 including 8 lift gates with a 20-foot sill depths 16 and 7 lift gates with a 40-foot sill depth. 17 18 To the right, or north, of the vertical 19 lift gates we propose to build 16 shallow-water 20 environmental gates in the area nearest Bolivar Peninsula where the water is 5 feet deep or less. 21 These gated structures provide multiple openings 22

23 to allow for tidal passages from both sides of the 24 gates. The gates will require an access road on 25 the bay side of the structure to allow maintenance

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crews access to the gates and operating equipment. 1 2 The road will consist of stainless steel industrial grating, which will allow sunlight to 3 pass through the water below, which reduces impact 4 to marine life. 5 To tie the gated structures to the land, 6 7 a 5300-foot-long combi wall will join the system to the levee system at the end. 8 Beach and dune construction on West 9 Galveston Island and Bolivar Peninsula form the 10 11 remainder of the gulf defenses. On West Galveston 12 Island, this feature would tie into the existing 13 Galveston sea wall and continue westerly for 18 14 miles, ending at San Luis Pass. On Bolivar Peninsula, the beach and dunes 15 tie into the McFaddin National Wildlife Refuge 16 Beach Ridge Restoration project, which starts 17 18 approximately two miles east of highway 87 and 19 continues southwest for 25 miles to the end of 20 Biscayne Beach Road, where it links into the gate's levee feature. 21 22 Although the improved beach and dune 23 designs provide a lower level of risk reduction 24 than the previously proposed levee system, they take advantage of the natural resiliency of sand 25

systems, sustain the barrier island over time, and strengthen the tie-in to the Bolivar Roads gate system. These changes have been made in response to public comments and represent a solution which minimizes environmental and social impacts while still achieving significant coastal risk reduction.

8 The proposed beach and dune features 9 include a 14-foot landward dune and a 12-foot 10 gulfward dune with a 250-foot-wide beach system on 11 the water side. It is important to note that this 12 dune field construction will begin at the current 13 dune line and build out toward the water rather 14 than building toward people's residences.

15 The draft proposal will require approximately 22 million cubic yards of sand for 16 initial beach and dune construction along Bolivar 17 Peninsula and approximately 17 million cubic yards 18 of sand for initial beach and dune construction 19 20 along West Galveston. And approximately 22 million cubic yards of material will be needed for 21 22 periodic nourishment along Bolivar Peninsula and West Galveston, every 6 years for Bolivar and 23 24 every 7 years for West Galveston over a 50-year period of analysis, considering the intermediate 25

1 relative sea level change condition.

2 Currently, there are 125 authorized beach 3 access points, 67 vehicle crossings, and 58 pedestrian crossings within the proposed beach and 4 Existing authorized pedestrian 5 dune systems. 6 beach access crossings will be replaced with dune 7 walk-overs to minimize impacts from the newlycreated dune systems. Pedestrian traffic volume 8 will be investigated to determine an appropriate 9 walk-over width for the location, and all up and 10 11 down ramps for the crossovers would be designed to 12 be ADA compliant. Existing authorized pedestrian 13 beach access crossings will be replaced with dune 14 walk-overs to minimize impacts from the newly 15 created dune systems. 16 Vehicular ramps will be created to 17 minimize ramp length. The number of access points will be in compliance with the Texas Open Beaches 18 19 Act. On the lower Texas Coast, the South Padre 20 Island Coastal Storm Risk Management measure would 21 22 nourish the beach and dune along South Padre 23 Island to reduce risks from coastal storm surge to 24 businesses, residents, and infrastructure in the 25 highly developed area of South Padre Island.

Beach nourishment will also maintain beach habitat for nesting sea turtles and birds. The plan proposes beach nourishment on a 10-year cycle for the authorized project life of 50 years.

5 The economic analysis confirms that beach 6 nourishment is cost-effective when considering 7 construction costs, benefits, and currently 8 estimated real estate costs.

The Galveston sea wall improvements 9 feature is a future adaptation to provide 10 11 additional storm surge and wave overtopping 12 reduction along the existing sea wall which will 13 connect to the Bolivar Roads gate system on the 14 east, and the West Galveston beach and dune system 15 on the west. The recommendation is to increase the height of nearly 8 miles of existing sea wall 16 to reach a uniform level of protection of 21 feet 17 by adding curbing and drop-in gates where needed 18 on the landward side of Seawall Boulevard to 19 20 address the risks of overtopping.

The Galveston Bay is a large enough body of water that flooding can result from wind and fetch pushing water up onto Galveston Island from the back side. The Galveston ring barrier offers the first component of the bay defenses to address

this risk. The system ties into the existing sea 1 2 wall and proceeds clockwise from the west end of the sea wall north in the proximity of 103rd 3 Street to Offatts Bayou; crosses the Teichman 4 Point area and ties into Interstate Highway 45; 5 continues east along the Harborside area to the 6 7 47th Street area; then continues north to the Galveston ship channel; then continues east 8 through the Port of Galveston to the University of 9 Texas medical branch; turns northward to the 10 11 ferry; and then back south to the sea wall. 12 Numerous trade-offs between project cost, 13 project impacts, and overall effectiveness of the 14 ring barrier system were evaluated and made during 15 the refinement of the alignment. The ring's flood walls and gates have 16 been set at an elevation of 14 feet, which 17 considers the water level of the bay and wave 18 19 overtopping, assuming that the Bolivar Roads gate 20 system has been constructed in advance of a storm. 21 Since Galveston Island currently operates 22 on a gravity drainage system, the plan would add a 23 forced drainage system consisting of approximately 24 six new pump stations to move water off the 25 island. The pump stations would address storm

surge flooding as well as rainfall flooding during storm events. Further, any features proposed by the study are not permitted to worsen any existing conditions, meaning the risk of flooding from a rain event cannot be increased with the implementation of the ring barrier system.

7 Although the Bolivar Roads gate system 8 reduces the storm surge water of the gulf from entering Galveston Bay, residual risk exists due 9 to the storm's pushing the Galveston Bay waters 10 The Clear Lake and Dickinson 11 onto the mainland. 12 Bay systems are proposed as a second line of defense to address this concern. 13 The Clear Lake 14 and Dickinson Bay gate systems each consist of a 15 storm surge gate structure, associated flood walls, and a pump station to address the residual 16 risk that persists in the Clear Lake and Dickinson 17 18 Bayou areas.

For Clear Lake, a closure is proposed at State Highway 146 and Clear Lake to address Galveston Bay surge. The design includes a 75foot sector gate and a pump station with a designed capacity of 20,000 cubic feet per second. The flood wall and closure structure would start on the west side of State Highway 146 near NASA

Road 1 and end on the south side of the outlet 1 2 near Marina Bay Drive west of State Highway 146. For Dickinson Bay, a closure is proposed 3 at State Highway 146 and Dickinson Bayou to 4 address Galveston Bay surge. The design includes 5 a 100-foot sector gate with a design capacity of 6 7 19,500 cubic feet per second. The flood wall and 8 closure structure would start on the west side of State Highway 146 near Avenue T, and end on the 9 south side of the bayou near Waterman's Harbor, 10 11 west of State Highway 146. 12 These features would include drainage 13 outlet structures, also called circulation gates, 14 to allow hydraulic connectivity to be maintained, except during closure for hurricane or tropical 15 16 storm surge events. 17 Non-structural measures are proposed for the west side of Galveston Bay, north of the Texas 18 City hurricane protection levees. Non-structural 19 20 measures include raising houses and/or flood-21 proofing. 22 The study team reviewed residential and 23 non-residential structures within the Galveston Bay system that are predicted to sustain 24 significant damage during a variety of storm surge 25

flood events under the future with-project 1 2 condition, with the surge barrier in place. 3 Based on an evaluation of cost and benefits and the ability to continue to buy down 4 risk, structures still receiving damages in the 5 100-year storm surge event were recommended for 6 7 voluntary non-structural razings. About 1750 8 residential pier and slab-on-grade homes are being recommended to be razed to the future, with 9 project 100-year stage plus 1 foot; and 170 non-10 11 residential slab foundation buildings are 12 recommended to be flood-proofed to 3 feet above the existing ground elevation. If local 13 14 floodplain standards are higher than these recommended elevations, the local standard should 15 be followed. 16 17 The coast-wide ecosystem restoration plan 18 was formulated to restore degraded ecosystems that 19 buffer communities and industry on the Texas coast 20 from erosion, sinking land, and storm losses. Ecosystem restoration projects address habitat 21 22 loss and degradation from coastal processes and 23 support the coastal storm risk management 24 components by providing a natural buffer from 25 coastal storms. Each ecosystem restoration

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measure represents a combination of features and is formulated in a specific geographic location to restore diverse habitats and provide multiple lines of defense.

A total of eight ecosystem restoration 5 measures are proposed along the entire Texas Coast 6 7 that collectively provide approximately 6610 acres of ecosystem restoration. Ecosystem restoration 8 measures included in the draft proposal include 9 114 miles of breakwaters; 15.2 miles of bird 10 rookery islands; 2052 acres of marsh; 12.3 miles 11 12 of oyster reef; and 19.5 miles of beach and dune. 13 Here, you can see the proposed measures for Galveston Gulf Intercoastal Waterway shoreline 14 15 and island protection. 16 Here, you can see the proposed measures for Bolivar Peninsula and West Bay Gulf 17 Intercoastal Waterway shoreline protection and 18 island restoration. You can also see proposed 19

20 measures for Follett's Island gulf beach and dune 21 restoration.

Here, you can see the proposed measures for East Matagorda Bay shoreline protection and Keller Bay restoration. Oyster reefs, revetment and breakwaters will reduce erosion along the

shorelines, and sediment will be used to restore 1 2 marshes, wetlands, and islands. 3 Here, you can see the proposed measures for Powderhorn shoreline protection and wetland 4 restoration, and Redfish Bay protection and 5 enhancement. Again, offshore breakwaters and 6 7 oyster reefs will reduce erosion of the shorelines 8 and sediment will be used to restore marshes, wetlands, and islands. 9 Finally, here are the proposed measures 10 for Port Mansfield Channel, Island Rookery, and 11 12 hydrologic restoration of the Laguna Madre. 13 Sediment will be dredged from the channel and 14 placed on the beach in Mansfield Island, a bird rookery island. The opened channel will restore 15 the connection between the gulf and the lagoon. 16 17 While the team was able to minimize and 18 avoid many potential impacts by optimizing the 19 proposed lands, an estimated 1577.6 acres of 20 direct and indirect impacts to wetlands, bay bottom and oyster reefs, are still anticipated 21 22 under the draft proposal. 23 The impacts are divided into two 24 categories: direct and indirect. Direct impacts 25 are caused by the footprint of coastal storm risk

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1 management feature construction, and indirect 2 impacts are caused by construction-induced changes 3 to the environment that are not within the direct 4 footprint.

A draft mitigation plan has been 5 6 developed to address the potential lost functions 7 and values of the impacted areas through the 8 creation or restoration of habitats in the area. Over 677 acres of habitat will be created, and an 9 additional 674.4 acres of existing low-quality 10 11 habitat will be enhanced to offset potential direct and indirect impacts to wetland and oyster 12 13 reefs under the draft proposal.

14 Potential locations for mitigation sites 15 have been developed by the study team, but will be refined further during the pre-construction 16 engineering and design phase. Ultimately, the 17 18 final size of the mitigation measures may change. 19 However, due to the conservative nature of 20 engineering and economic assumptions used in the development of the draft proposal, it is 21 22 anticipated that design refinements of the 23 proposed structures will result in equal or lesser 24 environmental impacts than currently estimated. 25 For the overall combined project, the

project construction cost is estimated at \$26.2
billion, with 67 percent of the cost allocated for
gulf defenses; 23 for bay defenses; and 10 percent
for ecosystem restoration. As you may notice, the
total economic recovery costs from previous storms
indicate that the proposed project could very well
pay for itself in just one storm.

8 With the draft proposal in place, not all storm damages will be prevented, only reduced. 9 Ιt is important to understand that the project will 10 11 not eliminate all risks to life and property. 12 Even with primary line of gulf defenses and secondary line bay defenses, residual damages can 13 14 still occur from project exceedance events, rainfall events, and hurricane winds and wind-15 blown debris. 16

17 Implementing the coast-wide ecosystem restoration plan would result in positive effects 18 19 on natural resources which are institutionally, 20 technically and publicly recognized. Restoration supports the global, national, state and locally 21 22 significant resources within the area and the 23 unique services, functions and values provided by 24 these resources. Fresh, intermediate, brackish, 25 and saline marshes will be protected or enhanced

within a framework of marsh restoration, shoreline 1 2 protection stabilization, and dune beach features that interact to provide benefits greater than 3 their costs. Together, these features would help 4 protect against erosion and provide important 5 6 transitional estuarine habitat between upland and 7 marine environments. Restoring lost wetlands, 8 protecting existing wetlands, and reducing the profound environmental and habitat loss across the 9 study area could also help support the coastal 10 11 storm risk management portions of the 12 recommendations.

13 Part of the area's vulnerability to 14 hurricane storm surge damages is directly related to the significant loss of wetlands the area has 15 experienced. Wetlands also provide important 16 habitat that directly supports the viability of 17 18 threatened and endangered species; commercially 19 imported species such as fish, shrimp and crabs; 20 and the economy through the creation of and support for industries that depend on wetlands 21 22 such as fishing and hunting guides, bait and 23 tackle shops, birding enthusiasts, and ecotourism. 24 Wetlands are a unique yet imperiled ecosystem in the nation, and the coastal areas of Texas have 25

experienced a tremendous loss of this important
 habitat.

3 Implementing the Galveston Bay storm surge barrier system to reduce financial damages 4 from hurricane storm surge in the study area, 5 serves multiple purposes. First, it would help 6 7 lessen the financial and social impacts that 8 tropical storms and hurricanes can cause by reducing the risk of property damage that 9 10 displaces residents, shuts down commercial and industrial services, and disrupts livelihoods. 11 Ιf 12 structures avoid or experience less damage because 13 of the draft proposal, families and businesses can 14 rebound much more quickly after a tropical event. 15 Second, time, money and energy would not 16 be lost to repairing structures damaged by storm surge, relocating to other areas due to 17 18 displacement from a home or business, or 19 disruptions in community cohesiveness. The draft 20 proposal would also help to ensure that the economy and the region's critical infrastructure 21 22 would continue to operate after a storm, and the 23 stress and hardship associated with a hurricane 24 storm surge would be decreased. Under the future without-project 25

1 conditions, approximately 250 critical

2 infrastructure sites would be impacted during a 3 100-year event. With the project in place, only 4 about 95 critical infrastructure sites would be 5 impacted under the same event.

Third, each coastal storm risk management 6 7 measure has a strong benefit/cost ratio, or BCR, with a 2.74 BCR for South Padre and 1.96 BCR for 8 Galveston Bay. The combined BCR for the CSRM 9 measures is 1.96. A BCR over one indicates the 10 11 benefits of the project exceeds the costs, which 12 is a requirement for federal investment. And most critically, if damages from storms were 13 14 distributed equally across all 50 years of the 15 study, the Galveston Bay storm surge barrier 16 system is anticipated to reduce average annual damages by \$2.28 billion per year. 17 18 That concludes the presentation portion 19 of today's meeting. We will now begin the

20 commenting period.

As a reminder, if you have not registered to speak during the meeting today and would like to, you may do so at any time by using the raise hand feature located at the bottom of the Webex participant list or dialing star-three if you are

1 joining us only by phone.

2	Due to the nature of today's virtual
3	meeting, the formal public commenting portion of
4	today's meeting will be conducted in the following
5	way. First, federal, state and local elected
6	officials who wish to speak will be called on to
7	do so. Then, anyone else who has indicated a
8	desire to speak will be given the same
9	opportunity. We will then call on each member of
10	the public who has signed up to speak by the name
11	used during the meeting registration or by the
12	last four digits of your phone number if you are
13	only joining us by phone.
14	Each speaker will be given two minutes to
15	make their comments. A countdown timer will be
16	displayed on the meeting broadcast screen for each
17	speaker to indicate the remaining time.
18	As your time ends, please be courteous to
19	the other members of the public who wish to
20	provide comments and quickly wrap up your comments
21	to ensure that everyone who would like to speak
22	has the opportunity to do so.
23	If you do not need the entire time
24	allotted, help us to include everybody by only
25	using the time you need. If you complete your

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1 comments in less than two minutes, we will restart 2 the clock for the next speaker. Remaining time 3 cannot be reserved or transferred to another 4 speaker.

Please keep in mind that we reserve the 5 right to mute your microphone if this instruction 6 7 is not followed. We ask that you support us in conducting a respectful, orderly, and courteous 8 meeting. We want to be sure we get all your 9 10 comments recorded, and we need your cooperation to 11 do so. Here are a few ground rules for the 12 meeting today.

Since this meeting is being held virtually, we will keep all participant microphones muted to avoid any background noise that may make the presentation difficult to hear. Connor will notify you when your microphone has been unmuted. Please make sure you have also unmuted your phone.

20 When it is your opportunity to speak, 21 please state and spell your first and last name. 22 We will not respond today to the comments 23 submitted. However, all comments made today will 24 be documented and reflected in the development of 25 the final feasibility report and EIS.

Just a reminder, you may not defer your time to others. The public meeting will adjourn at 8:00 p.m. If you have additional comments that you would like to submit beyond what you are able to address during your comment period, please submit them in writing.

7 Speakers will be called on to provide comments in the order in which they have signed 8 We will announce upcoming speakers in groups 9 up. 10 of five, so you are aware of when you will be 11 called to speak. If you do not wish to provide a 12 comment today but would like to submit comments to 13 the project team, there are other ways to do so. 14 You have the option to submit comments through mail and email online through the project website. 15 All comments received during the formal commenting 16 period through December 14, 2020, will carry the 17 18 same weight as the comments submitted today. You 19 do not have to submit a comment today, and you 20 will be heard just as clearly as those who spoke 21 today. 22 Additional information about submitting 23 comments is provided on the project website. 24 (Recording ends) MR. STOKES: We will now begin the formal 25

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1 commenting period for this evening's meeting.

As a reminder, the study team will not be answering questions this evening. We are here to receive your comments on the revised draft proposal.

6 As Colonel Vail mentioned previously 7 during his opening remarks, however, there are two 8 upcoming question and answer sessions - one on December 2nd from 6:00 to 8:00 p.m. and another on 9 December 4th from 10:00 a.m. to 12:00 p.m. 10 That 11 information, access information, and call-in 12 information can be found on the study website listed on the screen. 13

Since there are no public officials who have signed up to speak, we will proceed with comments from the public.

17 As of right now, we currently have only five registered speakers. So I encourage those of 18 19 you who would like to speak that have not signed 20 up yet to use the raise hand feature on the bottom of the Webex participant list, or again, if you're 21 joining only by phone, by dialing star-three. 22 23 Our first five speakers are Ralph 24 McMorris, Ian Shelton, AJ Widacki, Kenneth Teague, and Phillip Kropf. 25

1 We will now begin with Ralph McMorris. 2 Ralph, your microphone is now unmuted, 3 and you can begin your comments at this time. MR. MCMORRIS: Well, thank you. Like you 4 said, my name is Ralph McMorris. I live 1202 Post 5 6 Office Street on Galveston Island. 7 And I am most concerned about the 8 sequencing of the projects. I would like to see the ring barrier built first instead of last 9 because I think the benefit to the island, for the 10 20 years in between, will more than outweigh the 11 12 advantage of delaying. 13 And so I'm sure -- I understand, from 14 what I've heard, that, well, you'd have to build it taller to protect against a 100-year storm 15 because it would be greater without the Ike Dike 16 in front of it. However, the probability of a 17 storm being -- I guess overtopping that must be 18 19 relatively small compared to the probability of a 20 storm, during that 20 years, hitting Galveston Island without any protection. 21 22 So I know you're not answering questions, 23 but I really haven't seen an analysis of either 24 choice. Because 20 years of protection to Galveston Island proper would more than benefit 25

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most of the area. It could even be -- provide 1 2 protection for the folks on the west end or 3 anywhere else that needs to flee a storm like Hurricane Ike, which I endured and survived, of 4 course. And so I really still haven't seen why 5 you folks haven't done a better job of analyzing 6 7 that. 8 And I see I'm running out of time, and 9 thank you so much. Thank you for your comments. 10 MR. STOKES: 11 Your microphone is now back on mute. 12 Our next speaker is Ian Shelton. 13 Ian, your microphone is now unmuted, and 14 you can begin your comments at this time. 15 MR. SHELTON: Thank you, sir. 16 The only comments that I had -- I'll keep it pretty brief. I was just really -- I was just 17 curious to know more of a general timeline on 18 19 this, more so because I know this project is 20 something that will be planned in segments. On the bay line of defense, I was just wondering, you 21 22 know, what the timeline on the start of that 23 project, and pretty much the same for everything, 24 more on the gulf side as well. When, you know, would we expect to see this project begin? And is 25

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1 there an order in which these projects will be 2 completed. And that's it. Thank you. 3 MR. STOKES: Thank you for your comments. Your microphone is now back on mute. 4 5 Our next speaker is AJ Widacki. AJ, your microphone is now unmuted, and 6 7 you can begin your comments at this time. 8 AJ, your microphone has been unmuted, and you can begin your comments at this time. Please 9 make sure that you're -- I think we can hear you 10 11 now. 12 AJ, I'm going to place you back on mute, 13 and we'll circle back to you as time permits. 14 Our next speaker is Kenneth Teague. Kenneth, your microphone is now unmuted, 15 and you can begin your comments at this time. 16 17 MR. TEAGUE: Okay. First of all, I had a hard time -- I didn't get any acknowledgement from 18 19 you in terms of an email or anything in order to 20 participate in this -- in this program. Ι participate in a lot of programs like this, so 21 22 this is kind of unusual that I didn't get 23 something that helped me to participate. It was 24 quite a chore to join in on this. 25 So regarding the stuff itself, I think

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it's extremely important -- it's imperative that 1 2 the EIS thoroughly research the role of the 3 (indiscernible) enlargement of the Houston ship channel on propagating storm surge into the 4 Galveston Bay system. In other words, the whole 5 reason for this project is largely the Houston 6 7 ship channel. So acknowledging the fault in this 8 case is extremely important.

Secondly, large proposed dune system 9 should be a natural dune system. If it's not, I 10 11 would not support it. And the dune height 12 proposed is larger than natural. So there needs to be a whole lot of discussion about what is a 13 14 natural dune in this part of the world, and what are you proposing; and why do you think it's okay 15 to propose something different than what's 16 natural. 17

John Anderson says that there's not a lot of sand out there, so you need to really support your sand supply ascertains.

And finally regarding Galveston Island,
it looks like a channel deepening project to me,
and that isn't acceptable. That's it.
MR. STOKES: Thank you for your comments.
Your microphone is now back on mute.

Before moving to our next speaker, I 1 2 would just like to encourage those of you who have 3 not signed up to -- who have not signed up to speak but would like to, again, you can use the 4 raise hand feature at the bottom of the Webex 5 participant list, or if you're only joining by 6 7 phone, by dialing star-three. 8 Currently we only have two more speakers. Our next speaker is Phillip Kropf. 9 Phillip, your microphone is now unmuted, 10 11 and you can begin your comments at this time. 12 MR. Kropf: Yes. I'm Phillip Kropf. 13 I've been a sailor on Galveston Bay for almost 30 14 years, and I've been following this project for a 15 long time, ever since its inception, trying to provide information to recreational boaters. I 16 was the recreational boater rep to the Harbor 17 Safety Committee for six years and used that 18 19 vehicle as a way to get information out. 20 I'm 77 years old. I don't anticipate any of these structures I'll ever have to deal with 21 22 because of the timeline. But I am particularly 23 interested in the Clear Lake gate structure. 24 The 146 widening project is right there. I've been to the story map. I really don't see 25

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any detail there. It's just highly schematic. 1 Ι 2 did find under Appendix D, Engineering, Annex 3 Number 7 in the study some station plans and a -kind of a plan view of the gate structure at Clear 4 Lake, which I understand are now swing gates, I 5 6 think, in an earlier version. At the last public 7 meeting they were going to be guillotine type 8 gates.

I happened to also be in the marina right 9 there where that is going to hit land on the 10 (indiscernible) side of the channel. 11 I know our 12 privately owned marina has some concerns about 13 this. I'd just like to say, as soon as possible, more detail on that. I understand we're not in 14 15 the design phase yet.

I was an architect. I know about design phases and all, but what I'm seeing there in that Annex 7, the first drawing there, plan view is a little bit concerning.

I'm also curious how the flood wall stops at 2094, and I know during Ike water was in 2094. So I'm not sure why that -- why it ends there. Thank you. MR. STOKES: Thank you for your comments.

24 MR. STORES. Hank you for your comments.
25 Your microphone is now back on mute.

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1 We will now circle back to AJ Widacki. 2 AJ, your microphone is now unmuted, and 3 you can begin your comments at this time. MR. WIDACKI: This is AJ Widacki. I 4 5 didn't even realize I was signed up to speak. Ι 6 just wanted to attend and kind of listen in. But. 7 I've recently become a full-time resident of 8 Galveston down on the west end and was particularly interested in the dune system and all 9 10 that was proposed for the area on the west end of 11 Galveston Island beyond -- you know, beyond the 12 sea wall. 13 And I'm hoping that the double dune 14 system and additional shoreline that you all are proposing here will be -- that the other residents 15 on the beach side will be receptive to. 16 I know they've had a lot of -- lot of comments, you know. 17 18 We live on the bay side, so you know, it 19 wouldn't directly affect us whatever you do, you 20 know. It's going to be -- it's going to be like 21 over there. 22 But I do think what is proposed, just 23 based on being an engineer and what I've seen from 24 being here through Ike and all the other storms since then, that this one has a lot of good 25

potential, and hopefully the rest of the public 1 2 down here on the west end will be receptive as 3 well. And I'll turn over my last 40 seconds here. MR. STOKES: Thank you for your comments. 4 Your microphone is now back on mute. 5 We have gone through all the registered 6 7 speakers at this time. However, I would like to 8 give a few more moments for folks who would like to sign up, if they would like to. 9 In the meantime, from the information 10 11 that you've received tonight, we do hope and 12 encourage you to join us for one of our upcoming 13 public meetings just like this one. There will be 14 two more - one at 11:00 a.m. and 6:00 p.m. on 15 December 3rd and then again another two on 16 December 8th, again at 11:00 a.m. and 6:00 p.m. 17 In addition to those, like we mentioned 18 previously, there are two question and answer 19 sessions - one on December 2nd from 6:00 to 8:00 20 p.m. and one on December 4th from 10:00 to 12:00. 21 We do have one more speaker that has 22 signed up right now. We'll go to James Robertson. 23 James, your --24 MR. ROBERTSON: Good evening, Connor. MR. STOKES: -- has been unmuted, and you 25

1 can begin your comments at this time.

2	MR.	ROBERTSON	N: .	Yes.	Can	you	hear	me?
3	MR.	STOKES:	Yes	, sir.				

MR. ROBERTSON: Yes. One thing that I 4 wondered in the overall planning for this effort, 5 you know, there's significant effort going in to 6 7 preserving the eastern part of the bay up in 8 Chambers County and that area as well as Bolivar Peninsula. And when you look at the overall cost 9 of the project and the benefits of preserving 10 11 those areas, I just wonder, you know, how you 12 weigh the cost of protecting, as I say, Bolivar and then the Chambers County area as opposed to 13 14 focusing more on the western portion and preserving the Houston ship channel, the Clear 15 Lake area, the League City area, Galveston Island 16 17 itself?

It seems like there's a significant 18 19 amount of cost and effort going in to preserve in 20 an area that could be left in a more natural state, but to focus on preservation of the area 21 22 where most of the development and most of the 23 industry is. That's basically the question. 24 Thank you. 25 MR. STOKES: Thank you for your comments.

Your microphone has now been placed back on mute.
 We have gone through all commenters who
 have signed up.

At this time, the formal commenting 4 period has ended. All statements placed on the 5 6 record will be given consideration. It should be 7 noted that comments can be submitted at any time 8 during the NEPA process, but only those submitted 9 during this and the previous formal review and comment periods will be included in the summary 10 reports and considered in the development of the 11 12 final proposal. 13 I thank you for your participation 14 tonight and the interest that you have shown in the Coastal Texas Study. This public meeting is 15 now adjourned. 16 17 (END OF VIDEO FILE) 18 19 20

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1	CERTIFICATE OF TRANSCRIPTIONIST	54
2		
	I certify that the foregoing is a true	
3	and accurate transcript of the digital recording	
4	provided to me in this matter.	
5	I do further certify that I am neither a	
6	relative, nor employee, nor attorney of any of the	
7	parties to this action, and that I am not	
8	financially interested in the action.	
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13	Julie Thompson, CET-1036	
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## Virtual Public Meeting Transcript

December 3, 2020, 11 a.m. – 1 p.m.

## COASTAL TEXAS STUDY

DECEMBER 3, 2020

11:00 A.M.

1 MR. STOKES: ...10:55. And we'll be 2 getting started here shortly in about five minutes. Again, thank you all for joining us 3 4 early today. 5 (Pause) Good morning. And thank you for joining 6 7 us for our third public meeting and the first of two public meetings today. On behalf of the 8 project team, we thank you for your time and 9 interest in the Coastal Texas Protection and 10 Restoration Feasibility Study or Coastal Texas 11 12 Study. 13 My name is Connor Stokes. I will be 14 assisting the U.S. Army Corps of Engineers and Texas General Land Office with today's public 15 16 meeting. 17 Before we proceed with our agenda, I would like to acknowledge the project team members 18 19 in attendance today. From the U.S. Army Corps of 20 Engineers, we are joined by Brian Harper, Chief of Planning for the U.S. Army Corps of Engineers 21 22 Regional Planning and Environmental Center, and 23 Kelly Burks-Copes, U.S. Army Corps of Engineers 24 Project Manager. 25 And from the Texas General Land Office,

we are joined by Mark Havens, Chief Clerk and
 Deputy Land Commissioner, and Tony Williams,
 Deputy Director - Coastal Field Operations.

During the meeting today, Brian Harper
and Mark Havens will provide opening remarks,
followed by a presentation about the revised draft
proposal from the Corps of Engineers and Texas
General Land Office.

After the presentation, you'll be 9 provided with the opportunity to speak directly to 10 11 the project team. If you did not sign up to speak when you registered for today's meeting, you may 12 do so at any time during the meeting by using the 13 raise hand feature located at the bottom of the 14 Webex participant list. Please see the screen for 15 additional instruction about using the raise hand 16 feature through Webex. 17

For individuals who have only called in through the phone, you have the option to sign up to speak by dialing star-three. You may also submit written comments through mail and email. Mailing address information and the project email address can be found online through the project website.

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Speakers will be called on to provide

comments in the order in which they have signed 1 2 We will announce upcoming speakers in groups up. of five, so you are aware of when you will be 3 4 called to speak. 5 We will now begin the presentation 6 portion of the meeting with opening remarks from 7 Brian Harper, Chief of Planning for the U.S. Army 8 Corps of Engineers Regional Planning and Environmental Center, and Mark Havens, Chief 9 Clerk and Deputy Land Commissioner of the Texas 10 General Land Office. 11 12 Brian. 13 MR. HARPER: Thank you, Connor. Ι 14 appreciate that. So good morning. Thank you, again, for everybody that has joined us today. 15 I'm Brian Harper, Chief of Planning for the 16 Galveston District. 17 I want to welcome you on behalf of our 18 19 Commander, Colonel Timothy Vail, to this public 20 meeting for the Coastal Texas Protection and Restoration Study. As that name suggests, the 21 purpose of this study is to recommend actions that 22 23 we can take to protect our coastal communities 24 from the impacts of hurricanes as well as things we can do to restore lost and degraded natural 25

1 habitats along the Texas Coast.

2	This is a vital issue for the region, for
3	the state, and frankly, you know, for the nation
4	because of the importance of Texas and the coastal
5	region to the national economy.
б	We last heard from you when we had a
7	well, two years ago we released an initial draft
8	report with recommendations. We heard from you at
9	that time, and we used your feedback on that draft
10	report to shape and guide changes to the
11	recommendations that we are making. And today in
12	our presentation as well as in the report that is
13	available for review, you can find the changes
14	reflected in what we are presenting there.
15	As Connor mentioned, we will, you know,
16	present the project overview. We'll open the
17	meeting for your comments. And those comments are
18	important to us because they do help not only to
19	shape the recommendations of this partnership
20	between the Corps and the state, but it also
21	allows us to inform the Congress and other leaders
22	of the views of the public, both pro and cons,
23	support and concern over the recommendations that
24	we're making for the project as well as the work
25	that we must continue to undertake as we

1 transition to design and detailed evaluation. 2 So with that, I'll stop. I'll turn it 3 over to Mr. Havens. 4 Welcome, Mark. 5 MR. HAVENS: Thank you. I appreciate it. As he said, my name is Mark Havens, Chief 6 7 Clerk and Deputy Land Commissioner for the Texas 8 General Land Office. And I just wanted to say thank you for coming out to this second public 9 comment period for the Coastal Texas Study. 10 As you all are well aware, addressing 11 12 issues on the Texas Coast, including storm surge and ecosystem enhancement, continues to be one of 13 14 the top priorities for Texas Land Commissioner, 15 George B. Bush. 16 I know some of you, when we do these, always ask what is the General Land Office doing? 17 Why are they involved in this study? The Land 18 19 Office was established to manage state-owned 20 lands, including submerged land under tidal influence out to over 10 miles offshore. 21 22 We are also the agency responsible for 23 the Coastal Management program, Coastal Erosion Planning and Response Act implementation. 24 Through that we've done a ton of nourishment projects and 25

1 helping to restore the coast as well. We also 2 handle beach and dune protection, oil spill response, and for the last several years have 3 played a vital role in the long-term recovery 4 after Hurricanes Ike, most recently Harvey, and 5 some of the other tropical storms. So we've been 6 7 able to see firsthand what the impacts are to the 8 coastal areas.

7

9 In November of 2015, the GLO signed an 10 agreement with the Corps of Engineers to be the 11 local partner for this study. So part of that is 12 we were committed to working with the Corps to 13 develop a plan to increase resiliency of the coast 14 through an integrated approach that includes 15 ecosystem restoration and enhancement.

16 And along with that goes -- you know, the Corps is excellent at looking at: how do we 17 protect the coast? What is the infrastructure 18 19 look like? What is needed to really protect the 20 entire Texas Coast? And our role as a partner is to say, yes, but what does that look like for the 21 22 communities that live there. So it's not just 23 looking at the entirety of the coast. It's 24 looking at how it's going to affect your neighborhood, your hometown. 25

1 And that's what we are here to do is to 2 say how can we help make sure these communities 3 are heard. And I think that's our overall message 4 today is to say we're here in this public comment 5 period to say we heard you.

6 The study team has been hard at work 7 reevaluating proposed features to address public comments from the first comment period, and that's 8 one of the things I think you'll see in this 9 presentation today is when this was first rolled 10 out to where we are now, there have been some big 11 12 changes to this plan. And all of that is born out of the fact of we listened to the communities. 13 We 14 saw where things could be changed and, quite 15 honestly, where they should be changed, and we 16 have made those changes.

17 And so we're, honestly, excited to come 18 forward today to show you -- to show you the 19 progress, show you what it looks like today, and 20 just say thank you for the input. And we continue to -- looking forward to working with you. 21 22 So again, I would say take time to go 23 through this. I think today is an excellent 24 You will see -- you will be able to presentation. see for the first time kind of a timeline of what 25

1 everything looks like as well a specific features 2 of the plan and, again, how those impact very specific areas of the coast. 3 So again, I just wanted to say thank you 4 5 for coming out and looking forward to getting 6 through the rest of the presentation. 7 MR. STOKES: Thank you, Mr. Harper and Mr. Havens. 8 We will now proceed with the Coastal 9 Texas Study presentation, describing the revised 10 11 draft proposal. 12 (Recording begins) 13 RECORDING: Welcome to the presentation 14 of the Draft Feasibility Report and Draft Environmental Impact Statement for the Coastal 15 Texas Protection and Restoration Feasibility 16 Study, also known as the Coastal Texas Study. 17 This presentation is intended to give you 18 19 information about the draft proposal identified in 20 the draft feasibility report and draft environmental impact statement, or the DEIS, 21 22 prepared by the U.S. Army Corps of Engineers in 23 collaboration with the Texas General Land Office. 24 Along the Texas Coast, vital resources critical to the social, economic and environmental 25

welfare of the nation are at risk from damage by
 tropical storms.

When tropical disturbances negatively impact the Texas Coast, the immediate fallout and the continued aftermath affects not only the people who live in these coastal counties but also the entire nation. It is critical that we take action now to avoid the destruction that future storms will bring.

10 That's exactly why the U.S. Army Corps of 11 Engineers has partnered with the Texas General 12 Land Office to identify and recommend feasible 13 projects to reduce risks to public health and the 14 economy, restore critical ecosystems, and to make 15 the Texas coastline more resilient.

The Coastal Texas Study was initiated in 16 2014 to evaluate large-scale coastal storm risk 17 management and ecosystem restoration actions aimed 18 19 at providing the coastal communities of Texas with multiple lines of defense from a wide array of 20 coastal hazards. This study falls under the 21 22 USACE's civil works mission which includes, but is 23 not limited to, inland and coastal flood risk 24 management and restoration protection and management of aquatic ecosystems. 25

1 The study area consists of the entire 2 Texas gulf coast, from the mouth of the Sabine 3 River to the mouth of the Rio Grande, and includes 4 the gulf and tidal waters, barrier islands, 5 estuaries, coastal wetlands, rivers and streams, 6 and adjacent areas that together make up what we 7 refer to as the Texas Coast.

In November 2015, the U.S. Army Corps of 8 Engineers entered into an agreement to officially 9 designate the Texas General Land Office as the 10 non-federal sponsor, and begin development of a 11 12 feasibility study and environmental impact 13 statement. The Coastal Texas Study team was 14 officially formed, comprising of the U.S. Army 15 Corps of Engineers and the Texas General Land Office. 16

17 The study phase, or the phase in which we determine the best course of action to protect the 18 19 Texas Coast, includes a series of reports that explain the findings of the study and a proposed 20 plan of action. In fall 2018, the study team 21 22 released the first draft report and the draft 23 environmental impact statement. 24 Based on the input received during the

25 public review and comment period in late 2018 into

1 early 2019, the study team began revising the 2 draft proposal to integrate public comments and 3 feedback. As this second draft proposal was formulated, the study team continued to seek 4 5 further public input through the establishment of 6 four community working groups led by the GLO as 7 well as a number of targeted stakeholder meetings. In addition, three public open houses 8 were held in February 2020 across the upper coast 9 to help inform the public. The study team will 10 continue to review and address the input received 11 12 from the public and resource agencies to produce 13 the final feasibility report and environmental impact statement, which is anticipated to be 14 published in May of 2021. The final report will 15 be signed by the chief of the Corps of Engineers 16

17 in June 2021, which will mark the end of the study 18 phase.

19 After the study phase, the recommended 20 plan will be proposed for congressional 21 authorization and funding. If approved and funded 22 by Congress, the recommended plan would then be 23 designed and constructed over a period of 12 to 20 24 years, depending on congressional authorization, 25 appropriations, and non-federal partnerships.

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The project would be maintained after
 construction by a local sponsor or sponsors who
 have not yet been determined.

To comply with the National Environmental 4 5 Policy Act, or NEPA, a federal agency must prepare an environmental impact statement if it is 6 7 proposing actions that may significantly affect 8 the quality of the natural and human environment. The NEPA environmental review process seeks to 9 facilitate better informed decisions, focused on 10 avoiding, minimizing and/or mitigating potentially 11 12 negative impacts of federal action.

13 For the Coastal Texas Study, the U.S. 14 Army Corps of Engineers is following a tiered NEPA The final EIS will be published with the 15 process. final feasibility report in 2021, and supplemental 16 NEPA compliance documents will be prepared and 17 published for public review as the project is 18 19 designed. This means that the public will have 20 additional opportunities to engage with the team, review revised plans, and provide feedback. 21 22 In accordance with U.S. Army Corps of 23 Engineers planning guidelines and NEPA 24 requirements, a proactive approach was taken to engage the public, resource agencies, industry, 25

local governments, and other interested parties
 throughout the Coastal Texas Study planning
 process. This included regular and continued
 coordination over the study period.

Starting in 2014, during the 5 reconnaissance phase, a series of scoping meetings 6 7 were held, and now, a series of virtual public meeting are being held to review and finalize the 8 second draft proposal and draft EIS. 9 Engagement activities have proven to be integral to the 10 11 planning process, as they have generated thousands 12 of comments and suggestions which informed study 13 planners of key concerns and helped to shape and 14 refine the draft proposal.

Most significantly, public input received on the first draft integrated feasibility report and EIS in 2018, and consideration of community impacts, led to refinements in plan formulation which resulted in the revised draft proposal presented today.

Public comments received in the current review will be evaluated and documented in the final feasibility report and EIS. The public will continue to be informed during the design phase that occurs after the study phase. The impacts to

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1 the environment will be assessed as the project is 2 The impacts to the environment will designed. disclose site-specific impacts associated with the 3 proposed solution and identify the avoidance, 4 minimization, and compensatory mitigation efforts 5 6 to lessen adverse effects. In addition, the 7 updated documents will undergo formal public review periods and resource agency coordination. 8

The Texas Coast is vulnerable to tropical 9 storms and hurricanes that can take human lives, 10 flood homes and businesses, and damage coastal 11 12 ecosystems. The damages from hurricanes and 13 tropical storms could become more severe as wind 14 speed is projected to increase with higher sea 15 levels and rising ocean temperatures. When tropical disturbances negatively impact the Texas 16 Coast, they affect not only the people who live in 17 these coastal counties but the entire nation. 18 The 19 Texas Coast is an economic engine, home to ports, oil and gas refineries, corporate headquarters, 20 military bases, fuel supply and refinery 21 22 complexes, and numerous other enterprises. The shutdown of even a single Texas port 23 24 can impact state and national economies for a significant period of time, as experienced in 2008 25

when Hurricane Ike's storm surge and heavy winds 1 2 significantly impacted Brazoria, Chambers, Galveston, Harris, Jefferson and Orange counties. 3 The Coastal Texas Study team recognizes 4 that the natural physical features and processes 5 are interconnected with the man-made features 6 within the coastal Texas region. Population and 7 industry grew in this region specifically because 8 these features supported economic growth. 9 However, erosion and storm surge reduce the 10 11 protection these barrier systems provide to the 12 coast. Relative sea level change increases the 13 vulnerability of these systems even further. Risk 14 reduction measures designed to sustain natural features and reduce inundation and erosion risks 15 can be achieved at lower cost when implemented 16 before conditions deteriorate further. 17 18 After the first draft proposal was 19 released in October of 2018 for public comment, 20 policy review and agency technical review, multiple changes were considered and developed to 21 reduce impacts and costs of the revised plan. 22 23 Most significantly, the plan no longer includes the originally-proposed levee flood wall segments 24 that would have paralleled State Highway 87 on 25

1 Bolivar Peninsula and FM 3005 on Galveston Island. 2 These segments were dropped from the plan to minimize both social and environmental impacts. 3 Instead, the draft proposal now includes 4 5 the Bolivar and West Galveston beach and dune system, a double dune system designed to provide 6 7 both storm surge risk reduction and ecosystem 8 restoration benefits.

Among other changes at the Bolivar Roads 9 Crossing, a second 60-foot-deep navigation channel 10 11 and two 650-foot-wide draft surge gates are now 12 proposed instead of a 1200-foot-wide gate. The estimated refinements of the Bolivar Roads gate 13 system have reduced the constriction of flow 14 between the bay and gulf, down from 27.5 percent, 15 to 7 to 10 percent. This, in turn, has reduced 16 the anticipated environmental impacts to the 17 Galveston Bay's ecosystems and has reduced the 18 19 amount of mitigation now necessary to offset 20 losses.

The Galveston ring barrier system has been realigned to reduce impacts to surrounding neighborhoods and incorporate more areas, and reoccurring sediment placement has been removed from the proposed ecosystem restoration features. 1 The second draft report now includes 2 these revisions as well as a revised draft 3 environmental impact statement and updated benefit 4 cost analysis, and suggested strategies for 5 implementation.

This time, we've developed a broader, 6 7 more holistic solution that combines manmade solutions with coastal restoration projects that 8 work together to protect the coast. This 9 comprehensive approach is referred to as a 10 11 "multiple lines of defense" strategy, and can be 12 divided into three categories: the gulf line of defense to keep storm surge in the gulf, which 13 14 includes the Bolivar Roads storm surge gate system, which has been designed to prevent 15 approximately 60 percent of storm surge from 16 entering Galveston Bay, highlighting the need to 17 implement the gate system prior to the remaining 18 19 proposed features; the bay line of defense to 20 manage water that is already in the bay and any additional storm surge that overlaps the gulf line 21 22 of defense; and ecosystem restoration to enhance 23 coastal resilience into the future. 24 The proposed plan provides increased resiliency along the coast and is adaptable to 25

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1 future conditions, including relative sea level 2 change. As we mentioned, the gulf defense now includes a gate system across the Bolivar Roads 3 inlet, and 43 miles of beach and dune systems on 4 the front of the peninsula and the island, as well 5 6 as 2.9 miles of beach and dune structure down on 7 South Padre Island. The bay defense includes a 15-mile ring 8 barrier around the back side of Galveston Island, 9 and mainland defenses including gates and 10 11 (indiscernible) stations at Dickinson Bay, Clear 12 Lake, as well as nonstructural measures on the west side of Galveston Bay. 13 14 And the ecosystem restoration proposal includes 8 separate sites totaling over 6600 acres 15 of habitat restoration coast-wide. 16 17 The study team hosted an international storm surge gate design workshop with experts from 18 19 around the world to evaluate the previously-20 proposed gate design and suggested changes to improve safety, assure redundancy, and reduce 21 22 environmental impacts. The Bolivar Roads gate system represents the most critical feature of the 23 24 gulf line of defense and now includes 2 650-footwide floating sector gates, 2 125-foot-wide 25

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floating sector gates, 15 300-foot-wide vertical lift gates, 16 shallow water environmental gate complexes that are 16 feet by 16 feet, and tie-in structures comprising of flood walls and levees will join the gate system to the beach and dune system.

7 The deep draft navigation sector gates 8 across Bolivar Roads inlet will be anchored and 9 housed in man-made islands on both sides of the 10 existing and new channels. The gates will be 11 stored in dry docks within the man-made islands, 12 which will help minimize the probability of vessel 13 impacts during day-to-day activities.

As a storm approaches and a decision is made to deploy the gates, the dry docks will be flooded, allowing the gates to swing out and float into place. Then, water will be pumped into the arms, sinking them into place.

19 Once the storm surge event has passed,
20 the water will be pumped out of the gates and they
21 will be floated back into their dry docks on the
22 artificial islands.

23 The deep-draft navigation gate openings 24 will require dredging a second deep-draft channel, 25 and are designed to be 650 feet wide each with a

sill depth of 60 feet. The sill depth across the 1 2 ship channel will allow for future deepening of the Houston ship channel, which is currently 3 maintained at a depth of minus 48 feet mean lower 4 The gates will remain open year-round 5 low water. to maintain continuous navigation traffic. 6 The 7 gates will only be closed when a storm surge event 8 threatens the Texas Coast or for an annual maintenance check and inspection. 9

Smaller, 125-foot sector gates will be 10 located on each side of the larger 650-foot sector 11 12 gates for other vessels to travel through the 13 storm surge gate system without crossing paths 14 with the deep draft vessels. These sector gate complexes will have a reinforced concrete pile 15 foundation with steel fabricated gates. When the 16 gates are open, they are stored on the islands to 17 18 protect them.

19The channel crossing continues with a20series of vertical lift gates suspended between21concrete towers. The lift gates for the Bolivar22Roads crossing have 300-foot-wide openings,23including 8 lift gates with a 20-foot sill depths24and 7 lift gates with a 40-foot sill depth.25To the right, or north, of the vertical

1 lift gates we propose to build 16 shallow-water 2 environmental gates in the area nearest Bolivar Peninsula where the water is 5 feet deep or less. 3 These gated structures provide multiple openings 4 to allow for tidal passages from both sides of the 5 gates. The gates will require an access road on 6 7 the bay side of the structure to allow maintenance crews access to the gates and operating equipment. 8 The road will consist of stainless steel 9 industrial grating, which will allow sunlight to 10 pass through the water below, which reduces impact 11 12 to marine life. 13 To tie the gated structures to the land, 14 a 5300-foot-long combi wall will join the system to the levee system at the end. 15 Beach and dune construction on West 16 Galveston Island and Bolivar Peninsula form the 17 remainder of the gulf defenses. On West Galveston 18 19 Island, this feature would tie into the existing Galveston sea wall and continue westerly for 18 20 miles, ending at San Luis Pass. 21 22 On Bolivar Peninsula, the beach and dunes 23 tie into the McFaddin National Wildlife Refuge 24 Beach Ridge Restoration project, which starts approximately two miles east of highway 87 and 25

continues southwest for 25 miles to the end of
 Biscayne Beach Road, where it links into the
 gate's levee feature.

Although the improved beach and dune 4 5 designs provide a lower level of risk reduction 6 than the previously proposed levee system, they 7 take advantage of the natural resiliency of sand systems, sustain the barrier island over time, and 8 strengthen the tie-in to the Bolivar Roads gate 9 system. These changes have been made in response 10 to public comments and represent a solution which 11 12 minimizes environmental and social impacts while still achieving significant coastal risk 13 reduction. 14

The proposed beach and dune features 15 include a 14-foot landward dune and a 12-foot 16 gulfward dune with a 250-foot-wide beach system on 17 the water side. It is important to note that this 18 dune field construction will begin at the current 19 dune line and build out toward the water rather 20 than building toward people's residences. 21 22 The draft proposal will require 23 approximately 22 million cubic yards of sand for 24 initial beach and dune construction along Bolivar Peninsula and approximately 17 million cubic yards 25

1 of sand for initial beach and dune construction 2 along West Galveston. And approximately 22 million cubic yards of material will be needed for 3 periodic nourishment along Bolivar Peninsula and 4 West Galveston, every 6 years for Bolivar and 5 every 7 years for West Galveston over a 50-year 6 7 period of analysis, considering the intermediate 8 relative sea level change condition.

Currently, there are 125 authorized beach 9 access points, 67 vehicle crossings, and 58 10 11 pedestrian crossings within the proposed beach and 12 dune systems. Existing authorized pedestrian 13 beach access crossings will be replaced with dune walk-overs to minimize impacts from the newly-14 15 created dune systems. Pedestrian traffic volume 16 will be investigated to determine an appropriate walk-over width for the location, and all up and 17 18 down ramps for the crossovers would be designed to 19 be ADA compliant. Existing authorized pedestrian 20 beach access crossings will be replaced with dune walk-overs to minimize impacts from the newly 21 22 created dune systems. 23 Vehicular ramps will be created to 24 minimize ramp length. The number of access points

25 will be in compliance with the Texas Open Beaches

1 Act.

2	On the lower Texas Coast, the South Padre
3	Island Coastal Storm Risk Management measure would
4	nourish the beach and dune along South Padre
5	Island to reduce risks from coastal storm surge to
6	businesses, residents, and infrastructure in the
7	highly developed area of South Padre Island.
8	Beach nourishment will also maintain beach habitat
9	for nesting sea turtles and birds. The plan
10	proposes beach nourishment on a 10-year cycle for
11	the authorized project life of 50 years.
12	The economic analysis confirms that beach
13	nourishment is cost-effective when considering
14	construction costs, benefits, and currently
15	estimated real estate costs.
16	The Galveston sea wall improvements
17	feature is a future adaptation to provide
18	additional storm surge and wave overtopping
19	reduction along the existing sea wall which will
20	connect to the Bolivar Roads gate system on the
21	east, and the West Galveston beach and dune system
22	on the west. The recommendation is to increase
23	the height of nearly 8 miles of existing sea wall
24	to reach a uniform level of protection of 21 feet
25	by adding curbing and drop-in gates where needed

on the landward side of Seawall Boulevard to
 address the risks of overtopping.

The Galveston Bay is a large enough body 3 of water that flooding can result from wind and 4 fetch pushing water up onto Galveston Island from 5 the back side. The Galveston ring barrier offers 6 7 the first component of the bay defenses to address this risk. The system ties into the existing sea 8 wall and proceeds clockwise from the west end of 9 the sea wall north in the proximity of 103rd 10 Street to Offatts Bayou; crosses the Teichman 11 12 Point area and ties into Interstate Highway 45; 13 continues east along the Harborside area to the 47th Street area; then continues north to the 14 Galveston ship channel; then continues east 15 through the Port of Galveston to the University of 16 Texas medical branch; turns northward to the 17 ferry; and then back south to the sea wall. 18 19 Numerous trade-offs between project cost, project impacts, and overall effectiveness of the 20 ring barrier system were evaluated and made during 21 22 the refinement of the alignment. 23 The ring's flood walls and gates have 24 been set at an elevation of 14 feet, which considers the water level of the bay and wave 25

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overtopping, assuming that the Bolivar Roads gate 1 2 system has been constructed in advance of a storm. Since Galveston Island currently operates 3 on a gravity drainage system, the plan would add a 4 forced drainage system consisting of approximately 5 six new pump stations to move water off the 6 7 island. The pump stations would address storm surge flooding as well as rainfall flooding during 8 storm events. Further, any features proposed by 9 the study are not permitted to worsen any existing 10 11 conditions, meaning the risk of flooding from a 12 rain event cannot be increased with the implementation of the ring barrier system. 13 14 Although the Bolivar Roads gate system 15 reduces the storm surge water of the gulf from entering Galveston Bay, residual risk exists due 16 to the storm's pushing the Galveston Bay waters 17 onto the mainland. The Clear Lake and Dickinson 18 19 Bay systems are proposed as a second line of 20 defense to address this concern. The Clear Lake and Dickinson Bay gate systems each consist of a 21 22 storm surge gate structure, associated flood 23 walls, and a pump station to address the residual 24 risk that persists in the Clear Lake and Dickinson 25 Bayou areas.

1 For Clear Lake, a closure is proposed at 2 State Highway 146 and Clear Lake to address Galveston Bay surge. The design includes a 75-3 4 foot sector gate and a pump station with a designed capacity of 20,000 cubic feet per second. 5 6 The flood wall and closure structure would start 7 on the west side of State Highway 146 near NASA Road 1 and end on the south side of the outlet 8 near Marina Bay Drive west of State Highway 146. 9 For Dickinson Bay, a closure is proposed 10 11 at State Highway 146 and Dickinson Bayou to 12 address Galveston Bay surge. The design includes 13 a 100-foot sector gate with a design capacity of 14 19,500 cubic feet per second. The flood wall and closure structure would start on the west side of 15 16 State Highway 146 near Avenue T, and end on the south side of the bayou near Waterman's Harbor, 17 18 west of State Highway 146. 19 These features would include drainage 20 outlet structures, also called circulation gates, to allow hydraulic connectivity to be maintained, 21 except during closure for hurricane or tropical 22 23 storm surge events. 24 Non-structural measures are proposed for the west side of Galveston Bay, north of the Texas 25

City hurricane protection levees. Non-structural
 measures include raising houses and/or flood proofing.

The study team reviewed residential and 4 5 non-residential structures within the Galveston Bay system that are predicted to sustain 6 7 significant damage during a variety of storm surge 8 flood events under the future with-project condition, with the surge barrier in place. 9 Based on an evaluation of cost and 10 benefits and the ability to continue to buy down 11 12 risk, structures still receiving damages in the 13 100-year storm surge event were recommended for 14 voluntary non-structural razings. About 1750 residential pier and slab-on-grade homes are being 15 recommended to be razed to the future, with 16 project 100-year stage plus 1 foot; and 170 non-17 residential slab foundation buildings are 18 recommended to be flood-proofed to 3 feet above 19 20 the existing ground elevation. If local floodplain standards are higher than these 21 22 recommended elevations, the local standard should be followed. 23 24 The coast-wide ecosystem restoration plan

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was formulated to restore degraded ecosystems that

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1 buffer communities and industry on the Texas coast 2 from erosion, sinking land, and storm losses. Ecosystem restoration projects address habitat 3 loss and degradation from coastal processes and 4 support the coastal storm risk management 5 components by providing a natural buffer from 6 7 coastal storms. Each ecosystem restoration measure represents a combination of features and 8 is formulated in a specific geographic location to 9 restore diverse habitats and provide multiple 10 lines of defense. 11 12 A total of eight ecosystem restoration 13 measures are proposed along the entire Texas Coast 14 that collectively provide approximately 6610 acres 15 of ecosystem restoration. Ecosystem restoration measures included in the draft proposal include 16 114 miles of breakwaters; 15.2 miles of bird 17 rookery islands; 2052 acres of marsh; 12.3 miles 18 19 of oyster reef; and 19.5 miles of beach and dune. 20 Here, you can see the proposed measures for Galveston Gulf Intercoastal Waterway shoreline 21 22 and island protection. 23 Here, you can see the proposed measures 24 for Bolivar Peninsula and West Bay Gulf Intercoastal Waterway shoreline protection and 25

island restoration. You can also see proposed
 measures for Follett's Island gulf beach and dune
 restoration.

Here, you can see the proposed measures
for East Matagorda Bay shoreline protection and
Keller Bay restoration. Oyster reefs, revetment
and breakwaters will reduce erosion along the
shorelines, and sediment will be used to restore
marshes, wetlands, and islands.

Here, you can see the proposed measures for Powderhorn shoreline protection and wetland restoration, and Redfish Bay protection and enhancement. Again, offshore breakwaters and oyster reefs will reduce erosion of the shorelines and sediment will be used to restore marshes, wetlands, and islands.

17 Finally, here are the proposed measures for Port Mansfield Channel, Island Rookery, and 18 19 hydrologic restoration of the Laguna Madre. Sediment will be dredged from the channel and 20 placed on the beach in Mansfield Island, a bird 21 22 rookery island. The opened channel will restore the connection between the gulf and the lagoon. 23 24 While the team was able to minimize and avoid many potential impacts by optimizing the 25

proposed lands, an estimated 1577.6 acres of direct and indirect impacts to wetlands, bay bottom and oyster reefs, are still anticipated under the draft proposal.

5 The impacts are divided into two 6 categories: direct and indirect. Direct impacts 7 are caused by the footprint of coastal storm risk 8 management feature construction, and indirect 9 impacts are caused by construction-induced changes 10 to the environment that are not within the direct 11 footprint.

12 A draft mitigation plan has been 13 developed to address the potential lost functions 14 and values of the impacted areas through the creation or restoration of habitats in the area. 15 Over 677 acres of habitat will be created, and an 16 additional 674.4 acres of existing low-quality 17 habitat will be enhanced to offset potential 18 19 direct and indirect impacts to wetland and oyster 20 reefs under the draft proposal. 21 Potential locations for mitigation sites 22 have been developed by the study team, but will be 23 refined further during the pre-construction

24 engineering and design phase. Ultimately, the

25 final size of the mitigation measures may change.

However, due to the conservative nature of 1 2 engineering and economic assumptions used in the development of the draft proposal, it is 3 anticipated that design refinements of the 4 5 proposed structures will result in equal or lesser 6 environmental impacts than currently estimated. 7 For the overall combined project, the project construction cost is estimated at \$26.2 8 billion, with 67 percent of the cost allocated for 9 gulf defenses; 23 for bay defenses; and 10 percent 10 11 for ecosystem restoration. As you may notice, the 12 total economic recovery costs from previous storms 13 indicate that the proposed project could very well 14 pay for itself in just one storm. With the draft proposal in place, not all 15 storm damages will be prevented, only reduced. 16 Ιt is important to understand that the project will 17 not eliminate all risks to life and property. 18 19 Even with primary line of gulf defenses and secondary line bay defenses, residual damages can 20 still occur from project exceedance events, 21 22 rainfall events, and hurricane winds and wind-23 blown debris. 24 Implementing the coast-wide ecosystem restoration plan would result in positive effects 25

1 on natural resources which are institutionally, 2 technically and publicly recognized. Restoration supports the global, national, state and locally 3 significant resources within the area and the 4 unique services, functions and values provided by 5 6 these resources. Fresh, intermediate, brackish, 7 and saline marshes will be protected or enhanced within a framework of marsh restoration, shoreline 8 protection stabilization, and dune beach features 9 that interact to provide benefits greater than 10 11 their costs. Together, these features would help 12 protect against erosion and provide important transitional estuarine habitat between upland and 13 14 marine environments. Restoring lost wetlands, protecting existing wetlands, and reducing the 15 profound environmental and habitat loss across the 16 study area could also help support the coastal 17 18 storm risk management portions of the 19 recommendations.

20 Part of the area's vulnerability to 21 hurricane storm surge damages is directly related 22 to the significant loss of wetlands the area has 23 experienced. Wetlands also provide important 24 habitat that directly supports the viability of 25 threatened and endangered species; commercially

1 imported species such as fish, shrimp and crabs; 2 and the economy through the creation of and support for industries that depend on wetlands 3 such as fishing and hunting guides, bait and 4 tackle shops, birding enthusiasts, and ecotourism. 5 6 Wetlands are a unique yet imperiled ecosystem in 7 the nation, and the coastal areas of Texas have 8 experienced a tremendous loss of this important habitat. 9

Implementing the Galveston Bay storm 10 11 surge barrier system to reduce financial damages 12 from hurricane storm surge in the study area, 13 serves multiple purposes. First, it would help 14 lessen the financial and social impacts that 15 tropical storms and hurricanes can cause by reducing the risk of property damage that 16 displaces residents, shuts down commercial and 17 industrial services, and disrupts livelihoods. 18 Ιf 19 structures avoid or experience less damage because of the draft proposal, families and businesses can 20 rebound much more quickly after a tropical event. 21 22 Second, time, money and energy would not 23 be lost to repairing structures damaged by storm 24 surge, relocating to other areas due to displacement from a home or business, or 25

disruptions in community cohesiveness. The draft proposal would also help to ensure that the economy and the region's critical infrastructure would continue to operate after a storm, and the stress and hardship associated with a hurricane storm surge would be decreased. Under the future without-project

8 conditions, approximately 250 critical 9 infrastructure sites would be impacted during a 10 100-year event. With the project in place, only 11 about 95 critical infrastructure sites would be 12 impacted under the same event.

13 Third, each coastal storm risk management 14 measure has a strong benefit/cost ratio, or BCR, with a 2.74 BCR for South Padre and 1.96 BCR for 15 Galveston Bay. The combined BCR for the CSRM 16 measures is 1.96. A BCR over one indicates the 17 benefits of the project exceeds the costs, which 18 19 is a requirement for federal investment. And most 20 critically, if damages from storms were distributed equally across all 50 years of the 21 study, the Galveston Bay storm surge barrier 22 23 system is anticipated to reduce average annual 24 damages by \$2.28 billion per year. That concludes the presentation portion 25

of today's meeting. We will now begin the
 commenting period.

As a reminder, if you have not registered to speak during the meeting today and would like to, you may do so at any time by using the raise hand feature located at the bottom of the Webex participant list or dialing star-three if you are joining us only by phone.

Due to the nature of today's virtual 9 meeting, the formal public commenting portion of 10 today's meeting will be conducted in the following 11 12 way. First, federal, state and local elected officials who wish to speak will be called on to 13 14 do so. Then, anyone else who has indicated a desire to speak will be given the same 15 opportunity. We will then call on each member of 16 the public who has signed up to speak by the name 17 18 used during the meeting registration or by the 19 last four digits of your phone number if you are 20 only joining us by phone. 21 Each speaker will be given two minutes to

22 make their comments. A countdown timer will be 23 displayed on the meeting broadcast screen for each 24 speaker to indicate the remaining time.

25 As your time ends, please be courteous to

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1 the other members of the public who wish to 2 provide comments and quickly wrap up your comments 3 to ensure that everyone who would like to speak 4 has the opportunity to do so.

5 If you do not need the entire time 6 allotted, help us to include everybody by only 7 using the time you need. If you complete your 8 comments in less than two minutes, we will restart 9 the clock for the next speaker. Remaining time 10 cannot be reserved or transferred to another 11 speaker.

12 Please keep in mind that we reserve the 13 right to mute your microphone if this instruction 14 is not followed. We ask that you support us in conducting a respectful, orderly, and courteous 15 16 meeting. We want to be sure we get all your comments recorded, and we need your cooperation to 17 do so. Here are a few ground rules for the 18 19 meeting today.

20 Since this meeting is being held 21 virtually, we will keep all participant 22 microphones muted to avoid any background noise 23 that may make the presentation difficult to hear. 24 Connor will notify you when your microphone has 25 been unmuted. Please make sure you have also

1 unmuted your phone.

2	When it is your opportunity to speak,
3	please state and spell your first and last name.
4	We will not respond today to the comments
5	submitted. However, all comments made today will
б	be documented and reflected in the development of
7	the final feasibility report and EIS.
8	Just a reminder, you may not defer your
9	time to others. The public meeting will adjourn
10	at 1:00 p.m. If you have additional comments that
11	you would like to submit beyond what you are able
12	to address during your comment period, please
13	submit them in writing.
14	Speakers will be called on to provide
15	comments in the order in which they have signed
16	up. We will announce upcoming speakers in groups
17	of five, so you are aware of when you will be
18	called to speak. If you do not wish to provide a
19	comment today but would like to submit comments to
20	the project team, there are other ways to do so.
21	You have the option to submit comments through
22	mail and email online through the project website.
23	All comments received during the formal commenting
24	period through December 14, 2020, will carry the
25	same weight as the comments submitted today. You

1 do not have to submit a comment today, and you 2 will be heard just as clearly as those who spoke today. 3 Additional information about submitting 4 5 comments is provided on the project website. 6 (Recording ends) 7 MR. STOKES: We will now begin the comment period for tonight's public meeting. 8 As a reminder, we are here to receive 9 your comments to the revised draft proposal, but 10 11 the study team will not be responding to comments 12 or answering questions. 13 However, if you have not already joined 14 us for one of the study's public information 15 sessions, we encourage you to join the next one, which will be held tomorrow, Friday, December 4th, 16 from 10:00 a.m. to 12:00 p.m. During this public 17 18 information session you will have the opportunity 19 to ask questions of the study team and receive answers and responses. 20 Since we do not have any public officials 21 22 who wish to provide a comment today, we will move 23 along to the public who have signed up to speak. 24 At this time we have about nine speakers. So if you have not already signed up and you would 25

1 like to provide a comment today, I encourage you 2 to do so by using the raise hand feature of the Webex participant list. And if you're only 3 joining by phone, you can dial star-three to sign 4 up to speak. 5 6 Our first five speakers are Kimber De 7 Salvo-Anderson, Donna Shaver, Erica Houston, David Burkett, and Leslie Whaylen. 8 We will begin with comments from Kimber 9 De Salvo Anderson. 10 11 Kimber, your microphone is now unmuted, 12 and you can begin your comments at this time. 13 MS. DE SALVO ANDERSON: Hello, 14 everybody. My name is Kimber De Salvo Anderson. I'm the program coordinator for Turtle Island 15 Restoration Network. 16 17 And we have some major concerns about 18 the gates across Bolivar -- that will be put in When there is a storm, how will these 19 Bolivar. 20 gates be reopened if there is a power outage? How will we find power to reopen the gates? As we saw 21 with Hurricane Harvey, we had major water quality 22 23 issues with pollution coming into the bay, and 24 salinity coming down to zero, killing off much of the oyster reefs and harming a lot of the local 25

animals like the resident dolphins, who were very
 sick and had skin lesions due to the prolonged
 exposure to low salinity.

So our concern is that these gates, once they're closed, how will they be reopened, given the challenges that come with hurricanes like power outages, wind damage? And how will we get the bay back to its previous state?

9 In terms of the gates being there, that 10 will change tidal flow in and out of the bay and 11 will affect the different animals that travel in 12 and out of the bay.

You also have ship traffic coming in and 13 14 out. How will you prevent collisions with the structures themselves? Is there a plan for 15 16 financing these structures to be repaired? 17 And going back to the animals that travel in and out of the bay, not only do dolphins and 18 19 turtles migrate in and out, but you also have commercially relevant species like shrimp, whose 20 21 live cycle depends on moving in and out of the 22 bay. 23 And it looks like my time is out. Thank 24 you.

25

MR. STOKES: Thank you for your comments.

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1 Your microphone is now back on mute.

2	Our next speaker is Donna Shaver.
3	Donna, your microphone is now unmuted,
4	and you can provide your comments at this time.
5	MS. SHAVER: Yes. I'm Dr. Donna Shaver.
6	I'm the Texas coordinator of the Sea Turtle
7	Stranding and Salvage Network. I attended today
8	for listening and appreciate the opportunity to
9	hear details about the proposed project and
10	appreciate that you are providing the public a
11	chance to see the details and how it has changed
12	from the last version. I was not going to pose
13	any questions. I was here to watch. Thank you.
14	MR. STOKES: Thank you for your comments.
15	Your microphone is now back on mute.
16	Our next speaker, Erica Houston, is no
17	longer in attendance with us. So we'll move along
18	to David Burkett David Burkett. Excuse me.
19	Actually, it looks like Mr. Burkett is
20	also no longer in attendance with us. So we will
21	move along again to our next speaker, Leslie
22	Whaylen.
23	Leslie, your microphone is now unmuted,
24	and you can begin providing comments at this time.
25	MS. WHAYLEN: Thank you. My name is

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Leslie Whaylen, and I thank you for the
 opportunity to provide comments.

3 I have been a resident of Galveston for a total of 18 years off and on since 1988. 4 I am 5 highly concerned about the volume of sand needed; 6 for the estimated 22 million cubic yards of sand needed for Bolivar Peninsula; 17 million cubic 7 yards of sand needed for West Galveston; and more 8 than 150 million cubic yard needed for periodic 9 nourishment over the period of 50 years. 10 And that doesn't even count -- I don't know if it even 11 12 takes into account tropical weather damage. And all of that proposed to come from two offshore 13 banks, Sabine and (Indiscernible) banks. 14 Again, thank you for the opportunity to 15 comment. At this time I'm not prepared to give 16 anything further. I thank you for listening to 17

19 and the Army Corps adjusting its plan.

18

20 MR. STOKES: Thank you for your comments.21 You're now back on mute.

previous comments during the public comment period

We currently, at this time, have three more speakers who have signed up to speak. So again, if you would like to speak and you have not already signed up by raising your hand, we

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encourage you to do so by using that raise hand 1 2 feature at the bottom of your participant list. And then, again, if you're only joining by phone, 3 4 you may dial star-three to sign up to speak. 5 Our next three speakers are Brandy Wagner, Chuck Wemple, and Susan Fennewald. 6 7 Brandy, your microphone is now unmuted, and you can begin your comments at this time. 8 MS. WAGNER: Hello. Thanks for much for 9 being here again. 10 I was curious to know if -- and I know 11 12 it's just commenting, so I don't expect a response 13 at this time -- but what the plans are for the 14 roadways on Bolivar. I know that the funding for 15 -- for road repairs and things like that is pretty limited, and this project is going to be bringing 16 in a lot of heavy equipment and machinery. And I 17 anticipate that's going to create a lot of damage 18 19 to the roadways. And so I think it would be a really good 20 idea to add into the budget funding for potential 21 need for repairs. If we go out and take a look at 22 23 some of the roads now, you know, it handles the vehicles. But when we bring in machinery that is 24 thousands upon thousands of pounds, it's going to 25

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1 do some damage. That's it.

2 MR. STOKES: Thank you for your comments.3 Your microphone is now back on mute.

4 Our next speaker is Chuck Wemple. Chuck, your microphone is now unmuted, 5 6 and you can begin your comments at this time. 7 MR. WEMPLE: Thank you very much for the opportunity to comment today. I'm Chuck Wemple, 8 the executive director of the Houston-Galveston 9 Council Governments. Very much appreciate the 10 11 opportunity to listen today. Our team is joining 12 each of the meetings so we can be well informed as 13 an agency and report back to our board of 14 directors as well. 15 Very encouraged to see adaptations made 16 to the original design based on public comment. Look forward to those continuing based on what 17 you're hearing during this public comment period 18 19 as well. Two primary questions, and I understand 20

21 that I can't get a response today; but if there 22 could be some way, perhaps, on the website for the 23 study or in some other communication. The raising 24 of homes, the voluntary raising of homes north of 25 the levee structures on the west side of Galveston

Bay, it wasn't clear to me -- and perhaps I missed 1 2 it in the presentation -- if the funding for that elevation of the 1750 homes is part of the 26 3 billion, or if that would be provided by the 4 5 homeowners or some other source of funding. So 6 it's not clear to me if that's part of the cost of the project. 7 And then we do get questions from time to 8 time about when can things be started, and very 9 encouraged to see some of the ecosystem 10 restoration activities that are in the current 11 12 project. And wondering if some of those could be started in advance of the project being finalized 13 14 by a local government or a nonprofit, would that somehow jeopardize this project and be 15 16 counterproductive, or could that be an opportunity to have actually started the implementation of a 17 coastal protection system? 18 19 And that concludes my comments for today. 20 Thank you again very much. 21 MR. STOKES: Thank you for your comments. Your microphone is now back on mute. 22 23 We have had an additional speaker sign 24 up, Donna Robinson. However, we will go to Susan Fennewald first. 25

1 Susan, your microphone is now unmuted, 2 and you can begin your comments at this time. 3 MS. FENNEWALD: I hope you can hear me. MR. STOKES: Yes, ma'am. 4 Thank you. 5 MS. FENNEWALD: I've been 6 watching this evolve over the last 10 years or so, 7 and I was really hoping the Corps of Engineers would do better on their benefit cost analysis at 8 this point. Every time I've spoken, I've spoken 9 about the benefit cost analysis, and the Corps 10 11 still does a pathetic job on it. 12 This project is very close to not being 13 above 1, and the Corps seems to insist on 14 structuring their calculations so that we don't really know the benefits and costs of the various 15 16 components. 17 A reading of the early draft suggested that if you build the levee around the city of 18 19 Galveston, then you cannot justify the building of 20 the gates, and you cannot justify the dunes on Bolivar and the dunes on the west end of 21 22 Galveston. But the Corps refuses to do that. 23 They've picked the most expensive part of the 24 project, and then they -- they do the gates only, Dallas'. And they didn't even do that completely 25

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1 and -- with a benefit cost analysis. And then 2 they do plus the levee, plus the dunes. The dunes on the west end of Galveston 3 have very little justification. The dunes on 4 5 Bolivar have very little justification unless you build the gate, and if you don't build the gate, 6 7 you still have an excellent benefit cost analysis 8 if you do the levee around the city of Galveston and some of the mainland areas. 9 And so the Corps has consistently refused 10 to do the incremental benefit cost analysis that 11 12 should be done. I cannot justify, as a resident 13 of Galveston, asking the rest of Texas and the 14 rest of the United States to pay for putting a dune in front of the west end beach houses and the 15 vacation homes on Bolivar. 16 17 MR. STOKES: Thank you for your comments. Your microphone is now back on mute. 18 19 Our next speaker is Donna Robinson. 20 Donna, your microphone is now unmuted, and you can provide your comments at this time. 21 22 MS. ROBINSON: Hello. My name is Donna 23 Robinson, and I am a resident of Surfside. 24 I was just curious. This wall goes down to San Luis Pass and then stops. What benefits is 25

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1 Surfside going to receive? What -- how is it 2 going to help our erosion problem? Because you've talked about Bolivar, west end, and Matagorda, and 3 then there's like nothing in between. So I don't 4 know all the details, and I was just curious as to 5 how this is going to affect the erosion at 6 Surfside Beach. And that was it. 7 8 MR. STOKES: Thank you for your comments. Your microphone is now back on mute. 9 We have gone through all the commenters 10 11 who have signed up at this time. However, I would 12 like to give a few more moments for folks to sign 13 up to speak if they would like to. 14 So again, as a reminder, there is an opportunity, another opportunity for a public 15 information session that is scheduled for 16 tomorrow, Friday, December 4th, from 10:00 a.m. to 17 12:00 p.m. During that public information session 18 19 you will have the opportunity to submit questions in writing to the study team, and they will be 20 available to provide responses during that public 21 22 information session. 23 And as shown on screen, access 24 information to that session as well as the remaining public meetings -- we will be having 25

another public meeting this evening at 6:00 p.m. 1 2 and then again two more on December 8th at 11:00 a.m. and 6:00 p.m. again. And access information 3 for all of these virtual events can be found 4 online at the study website, 5 6 coastalstudy.texas.gov. 7 At this time we still do not have any -actually, we have one more speaker who has just 8 signed up, Doug Peterson. 9 Doug, your microphone is now unmuted, and 10 11 you can provide your comments at this time. 12 MR. PETERSON: Very good. Thank you. 13 This is Doug Peterson in the Clear Lake area. Ι 14 appreciate the opportunity here. I have concerns about the cost of the 15 overall project. I see that it appears to have 16 come down from 32 billion to 26 billion. I'm 17 really interested to know how that came about, 18 19 what's different. And I hope -- I haven't had a 20 chance to go to the website and look at things at this point, but I'd like to see how that was done. 21 22 I also have even greater concerns about 23 local costs, the local share on this. I don't 24 know if that's talked about in the current plan, but I really don't know where that money is coming 25

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1 from. I think the State of Texas is very tight 2 with its funds, as are local counties and cities. 3 So I'm concerned about that as well as overall 4 continuing maintenance and operation costs. I 5 don't know if that's included in that \$26 billion, 6 but we need to understand that, the people that 7 live in these communities.

And I also wondered if you can document 8 what other similar projects are being considered 9 and planned around the U.S. coast, across the gulf 10 and up the Atlantic Coast. I don't know about 11 12 anything on the West Coast, but those are all 13 competing for the same federal dollars. And it 14 would be valuable to know just how much our 15 government is expecting taxpayers to pay for all this. 16

17 And I'd like to also see an example of use of the Galveston Bay Park plan as the way to 18 protect the Clear Lake, Seabrook, La Porte, and 19 20 other areas along the western edge of Galveston That's it for now. Thank you for the 21 Bay. 22 options. 23 MR. STOKES: Thank you for your comments. 24 Your microphone is now back on mute.

As we do not have any more speakers who

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have signed up today, at this time the formal commenting period has ended. All statements placed in the record will be given consideration. It should be noted that the comments can be submitted at any time during the NEPA process, but only those submitted during this and the previous formal review and comment periods will be included in the summary reports and considered in the development of the final proposal. I thank you for your participation today and the interest that you have shown in the Coastal Texas Study. This public meeting is now adjourned. (END OF VIDEO FILE) 

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1	CERTIFICATE OF TRANSCRIPTIONIST	
2	I certify that the foregoing is a true	
3	and accurate transcript of the digital recording	
4	provided to me in this matter.	
5	I do further certify that I am neither a	
6	relative, nor employee, nor attorney of any of the	
7	parties to this action, and that I am not	
8	financially interested in the action.	
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## Virtual Public Meeting Transcript

December 3, 2020, 6 – 8 p.m.

### COASTAL TEXAS STUDY

DECEMBER 3, 2020

6:00 P.M.

1 MR. STOKES: Good evening. And thank you 2 all for joining us. On behalf of the project team, we thank you for your time and interest in 3 the Coastal Texas Protection and Restoration 4 Feasibility Study or Coastal Texas Study. 5 6 My name is Connor Stokes. I'll be 7 assisting the U.S. Army Corps of Engineers and 8 Texas General Land Office with tonight's public meeting. 9 Before we proceed with our agenda, I 10 11 would like to acknowledge the project team members 12 in attendance today. From the U.S. Army Corps of 13 Engineers, we are joined by Brian Harper, Chief of Planning for the U.S. Army Corps of Engineers 14 Regional Planning and Environmental Center, and 15 Kelly Burks-Copes, U.S. Army Corps of Engineers 16 17 Project Manager. And from the Texas General Land Office, 18 19 we are joined by Mark Havens, Chief Clerk and Deputy Land Commissioner, and Tony Williams, 20 Deputy Director - Coastal Field Operations. 21 22 During the meeting tonight, Brian Harper 23 and Mark Havens will provide opening remarks, 24 followed by a presentation about the revised draft proposal from the Corps of Engineers and Texas 25

1 General Land Office.

2	After the presentation, you'll be
3	provided with the opportunity to speak directly to
4	the project team. If you did not sign up to speak
5	when you registered for tonight's meeting, you may
6	do so at any time during the meeting by using the
7	raise hand feature located at the bottom of the
8	Webex participant list. Please see the screen for
9	additional instruction about using the raise hand
10	feature through Webex.
11	For individuals who have only called in
12	through the phone, you have the option to sign up
13	to speak by dialing star-three. You may also
14	submit written comments through mail and email.
15	Mailing address information and the project email
16	address can be found online through the project
17	website.
18	Speakers will be called on to provide
19	comments in the order in which they have signed
20	up. We will announce upcoming speakers in groups
21	of five, so you're aware of when you will be
22	called to speak.
23	We will now begin the presentation
24	portion of the meeting with opening remarks from
25	Brian Harper, Chief of Planning for the U.S. Army

1 Corps of Engineers Regional Planning and 2 Environmental Center, and Mark Havens, Chief Clerk and Deputy Land Commissioner of the Texas General 3 Land Office. 4 5 Brian. MR. HARPER: Thank you, Connor. 6 And 7 thank you to everybody that has joined us tonight. 8 Good evening. I want to welcome you on behalf of Colonel Timothy Vail, our District Commander in 9 the Galveston District of the Army Corps of 10 11 Engineers. 12 Appreciate you taking the time this evening to be with us for this formal public 13 meeting for the Coastal Texas Protection and 14 15 Restoration Study. As that name suggests, the purpose of this study is to recommend actions that 16 we can take to protect our coastal communities 17 from the damaging impacts of hurricanes as well as 18 actions we can take that will restore lost and 19 20 degraded natural habitats along the Texas Coast. 21 This is a vital issue for the region, for 22 the state, and frankly, for the nation. We 23 released a draft report, our initial report, two 24 years ago with initial findings and recommendations, and the public meetings like this 25

one that we had at that time generated, you know,
feedback that we have then -- or since that time
used to shape and guide both the recommendations
as well as the work of the study.

5 So in the report that you have and in the 6 briefing tonight, you will see how the feedback of 7 public meetings two years ago have helped to shape 8 the project recommendations that we have at this 9 time.

We look forwards to receiving additional 10 11 feedback as we go through this public review, and 12 we will continue to use that feedback. And we will document it so that as we make reports from 13 14 the Corps chief of engineers to the Congress. We can also reflect what the public sediment, the 15 16 viewpoints, including the concerns of the public might be, as well as what we have done to address 17 those concerns and how those concerns will 18 19 continue to be addressed as we move forward with the project. As Connor mentioned, you will have a 20 project overview, and then we'll be taking your 21 22 comments. 23 One bit of late-breaking news I wanted to 24 add in my remarks, just about an hour ago we did

25 receive word that our headquarters has approved an

extension to this public comment period. 1 Our 2 colonel, Colonel Vail, will be signing a memo to that effect tomorrow. We do have a process still 3 to finish that out to make it official. It does 4 5 have to appear in the federal register again. 6 But I did want to let the public know we 7 have had, at last count, at least 1500, if not more now, requests for a 30-day extension to the 8 public review period, and we are working to make 9 that happen. So there will be an official 10 announcement to that effect coming soon, but 11 12 because it has been such a topic of high interest, 13 I wanted to go ahead and share that news that 14 we've just received. 15 So with that, Mark, I will turn it over 16 to you. 17 MR. HAVENS: Thank you, Brian. Ι 18 appreciate it. 19 Again, for the record, my name is Mark 20 Havens, Chief Clerk and Deputy Land Commissioner of the Texas General Land Office. And I just want 21 to say thank you for coming out to this second 22 23 public comment period for the Coastal Texas Study. 24 I will say addressing issues on the Texas Coast, including storm surge and ecosystem 25

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enhancement, continues to be one of the top
 priorities for Texas Land Commissioner, George B.
 Bush.

4 One of the first things we're asked is 5 what -- why the Land Office? What is the Land 6 Office's role in this study? As many of you may 7 know, we were -- the Land Office was established 8 to manage state-owned land, including submerged 9 land under tidal influence out to over 10 miles 10 offshore.

11 We're also the agency that's responsible 12 for the Coastal Management program, CEPRA implementation, beach and dune protection, oil 13 14 spill response, and we have played a vital role in the long-term recovery after Hurricane Ike, 15 16 Harvey. We've also been responding to the tropical storms as well. So we know firsthand how 17 18 important this is, a study like this, to get 19 something in place for the larger Texas Coast. In November of 2015, we signed on to an 20 agreement with the Corps of Engineers to be the 21 22 local partner for the Coastal Texas Study, and we

23 take that role as a local partner very seriously.
24 And I'd like to talk about, you know, what does
25 that mean. We view ourselves as kind of the voice

1 for the coastal communities.

2	I think there's there's two ways to
3	look at this overall study. One is very much on a
4	large scale this will be something that's never
5	been done before, and we look at it as: how does
б	it impact the coast the Texas Coast as a whole?
7	But also the second part of that is: how
8	does it affect the local communities? This study,
9	the impacts look very different on Bolivar, versus
10	Galveston, versus Surfside, versus so many other
11	areas. And so I think that's been our role is:
12	how does this impact the communities that we at
13	the Land Office deal with and protect on a daily
14	basis?
15	And I think that's that's one of the
16	things we're very excited about, and I'm thrilled
17	to hear Brian say that. And I will be the first
18	to say thank you to Colonel Vail for really
19	playing an important role in extending this
20	public comment period because I think so often
21	the public comment period is just seen kind of a
22	check-the-box in this bureaucratic process. And
23	that is very much not what is happening here
24	today.
25	One of the things I'm excited about is
	for the public to see this plan and to see not

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only the plan and where it stands now but also to
see how it's changed. And how it's changed has
been very much a result of the first round of
public comments.

5 So we're here today to say we've heard We're looking forward to kind of going on 6 you. 7 with the rest of this plan. We want to hear the comments, and I think you're going to see now in 8 this presentation -- you're going to see a 9 timeline. You're going to get to see specific 10 11 features, and again, importantly, you get to see 12 how it impacts you in your hometown.

13 So we're really -- we're thrilled to be a 14 part of this at the Land Office. We've very much 15 looking forward to having the public see this 16 tonight, and we really do appreciate the extension 17 of the public comment period that will allow us to 18 get some more feedback into this kind of 19 groundbreaking setting.

20 So with that, I will turn it back over to 21 Connor.

22 MR. STOKES: Thank you, Mr. Harper and 23 Mr. Havens.

We will now proceed with the CoastalTexas Study presentation, describing the revised

1 draft proposal.

2

(Recording begins)

3 RECORDING: Welcome to the presentation of the Draft Feasibility Report and Draft 4 5 Environmental Impact Statement for the Coastal 6 Texas Protection and Restoration Feasibility 7 Study, also known as the Coastal Texas Study. This presentation is intended to give you 8 information about the draft proposal identified in 9 the draft feasibility report and draft 10 11 environmental impact statement, or the DEIS, 12 prepared by the U.S. Army Corps of Engineers in collaboration with the Texas General Land Office. 13 14 Along the Texas Coast, vital resources critical to the social, economic and environmental 15 welfare of the nation are at risk from damage by 16 tropical storms. 17 When tropical disturbances negatively 18 impact the Texas Coast, the immediate fallout and 19 the continued aftermath affects not only the 20 people who live in these coastal counties but also 21 22 the entire nation. It is critical that we take 23 action now to avoid the destruction that future 24 storms will bring. 25 That's exactly why the U.S. Army Corps of Engineers has partnered with the Texas General
 Land Office to identify and recommend feasible
 projects to reduce risks to public health and the
 economy, restore critical ecosystems, and to make
 the Texas coastline more resilient.

The Coastal Texas Study was initiated in 6 2014 to evaluate large-scale coastal storm risk 7 management and ecosystem restoration actions aimed 8 at providing the coastal communities of Texas with 9 multiple lines of defense from a wide array of 10 This study falls under the 11 coastal hazards. 12 USACE's civil works mission which includes, but is not limited to, inland and coastal flood risk 13 14 management and restoration protection and 15 management of aquatic ecosystems.

The study area consists of the entire 16 Texas gulf coast, from the mouth of the Sabine 17 River to the mouth of the Rio Grande, and includes 18 19 the gulf and tidal waters, barrier islands, estuaries, coastal wetlands, rivers and streams, 20 and adjacent areas that together make up what we 21 22 refer to as the Texas Coast. 23 In November 2015, the U.S. Army Corps of

25 designate the Texas General Land Office as the

Engineers entered into an agreement to officially

24

non-federal sponsor, and begin development of a
 feasibility study and environmental impact
 statement. The Coastal Texas Study team was
 officially formed, comprising of the U.S. Army
 Corps of Engineers and the Texas General Land
 Office.

7 The study phase, or the phase in which we 8 determine the best course of action to protect the 9 Texas Coast, includes a series of reports that 10 explain the findings of the study and a proposed 11 plan of action. In fall 2018, the study team 12 released the first draft report and the draft 13 environmental impact statement.

14 Based on the input received during the public review and comment period in late 2018 into 15 early 2019, the study team began revising the 16 draft proposal to integrate public comments and 17 18 feedback. As this second draft proposal was 19 formulated, the study team continued to seek 20 further public input through the establishment of four community working groups led by the GLO as 21 22 well as a number of targeted stakeholder meetings. 23 In addition, three public open houses 24 were held in February 2020 across the upper coast to help inform the public. The study team will 25

1 continue to review and address the input received 2 from the public and resource agencies to produce the final feasibility report and environmental 3 4 impact statement, which is anticipated to be published in May of 2021. The final report will 5 6 be signed by the chief of the Corps of Engineers 7 in June 2021, which will mark the end of the study 8 phase.

After the study phase, the recommended 9 plan will be proposed for congressional 10 authorization and funding. 11 If approved and funded 12 by Congress, the recommended plan would then be designed and constructed over a period of 12 to 20 13 14 years, depending on congressional authorization, 15 appropriations, and non-federal partnerships. The project would be maintained after 16 construction by a local sponsor or sponsors who 17

19 To comply with the National Environmental 20 Policy Act, or NEPA, a federal agency must prepare 21 an environmental impact statement if it is 22 proposing actions that may significantly affect 23 the quality of the natural and human environment. 24 The NEPA environmental review process seeks to 25 facilitate better informed decisions, focused on

have not yet been determined.

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avoiding, minimizing and/or mitigating potentially
 negative impacts of federal action.

For the Coastal Texas Study, the U.S. 3 Army Corps of Engineers is following a tiered NEPA 4 5 The final EIS will be published with the process. 6 final feasibility report in 2021, and supplemental 7 NEPA compliance documents will be prepared and published for public review as the project is 8 designed. This means that the public will have 9 additional opportunities to engage with the team, 10 review revised plans, and provide feedback. 11 12 In accordance with U.S. Army Corps of 13 Engineers planning guidelines and NEPA 14 requirements, a proactive approach was taken to 15 engage the public, resource agencies, industry, local governments, and other interested parties 16 throughout the Coastal Texas Study planning 17 This included regular and continued 18 process. 19 coordination over the study period. 20 Starting in 2014, during the reconnaissance phase, a series of scoping meetings 21 22 were held, and now, a series of virtual public 23 meeting are being held to review and finalize the 24 second draft proposal and draft EIS. Engagement activities have proven to be integral to the 25

1 planning process, as they have generated thousands 2 of comments and suggestions which informed study 3 planners of key concerns and helped to shape and 4 refine the draft proposal.

5 Most significantly, public input received 6 on the first draft integrated feasibility report 7 and EIS in 2018, and consideration of community 8 impacts, led to refinements in plan formulation 9 which resulted in the revised draft proposal 10 presented today.

Public comments received in the current 11 12 review will be evaluated and documented in the final feasibility report and EIS. The public will 13 14 continue to be informed during the design phase that occurs after the study phase. 15 The impacts to the environment will be assessed as the project is 16 designed. The impacts to the environment will 17 disclose site-specific impacts associated with the 18 19 proposed solution and identify the avoidance, 20 minimization, and compensatory mitigation efforts to lessen adverse effects. In addition, the 21 22 updated documents will undergo formal public 23 review periods and resource agency coordination. 24 The Texas Coast is vulnerable to tropical storms and hurricanes that can take human lives, 25

1 flood homes and businesses, and damage coastal 2 The damages from hurricanes and ecosystems. tropical storms could become more severe as wind 3 speed is projected to increase with higher sea 4 levels and rising ocean temperatures. When 5 tropical disturbances negatively impact the Texas 6 7 Coast, they affect not only the people who live in these coastal counties but the entire nation. 8 The Texas Coast is an economic engine, home to ports, 9 oil and gas refineries, corporate headquarters, 10 11 military bases, fuel supply and refinery 12 complexes, and numerous other enterprises. The shutdown of even a single Texas port 13 14 can impact state and national economies for a significant period of time, as experienced in 2008 15 when Hurricane Ike's storm surge and heavy winds 16 significantly impacted Brazoria, Chambers, 17 Galveston, Harris, Jefferson and Orange counties. 18 19 The Coastal Texas Study team recognizes 20 that the natural physical features and processes are interconnected with the man-made features 21 22 within the coastal Texas region. Population and 23 industry grew in this region specifically because 24 these features supported economic growth. However, erosion and storm surge reduce the 25

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protection these barrier systems provide to the coast. Relative sea level change increases the vulnerability of these systems even further. Risk reduction measures designed to sustain natural features and reduce inundation and erosion risks can be achieved at lower cost when implemented before conditions deteriorate further.

After the first draft proposal was 8 released in October of 2018 for public comment, 9 policy review and agency technical review, 10 11 multiple changes were considered and developed to 12 reduce impacts and costs of the revised plan. 13 Most significantly, the plan no longer includes 14 the originally-proposed levee flood wall segments 15 that would have paralleled State Highway 87 on Bolivar Peninsula and FM 3005 on Galveston Island. 16 These segments were dropped from the plan to 17 minimize both social and environmental impacts. 18 19 Instead, the draft proposal now includes the Bolivar and West Galveston beach and dune 20 system, a double dune system designed to provide 21 both storm surge risk reduction and ecosystem 22 23 restoration benefits.

Among other changes at the Bolivar Roads Crossing, a second 60-foot-deep navigation channel

1 and two 650-foot-wide draft surge gates are now 2 proposed instead of a 1200-foot-wide gate. The estimated refinements of the Bolivar Roads gate 3 system have reduced the constriction of flow 4 5 between the bay and gulf, down from 27.5 percent, to 7 to 10 percent. This, in turn, has reduced 6 7 the anticipated environmental impacts to the Galveston Bay's ecosystems and has reduced the 8 amount of mitigation now necessary to offset 9 losses. 10

11 The Galveston ring barrier system has 12 been realigned to reduce impacts to surrounding 13 neighborhoods and incorporate more areas, and 14 reoccurring sediment placement has been removed 15 from the proposed ecosystem restoration features. The second draft report now includes 16 these revisions as well as a revised draft 17 environmental impact statement and updated benefit 18 19 cost analysis, and suggested strategies for 20 implementation. 21 This time, we've developed a broader, 22 more holistic solution that combines manmade 23 solutions with coastal restoration projects that 24 work together to protect the coast. This comprehensive approach is referred to as a 25

1 "multiple lines of defense" strategy, and can be 2 divided into three categories: the gulf line of defense to keep storm surge in the gulf, which 3 includes the Bolivar Roads storm surge gate 4 system, which has been designed to prevent 5 6 approximately 60 percent of storm surge from 7 entering Galveston Bay, highlighting the need to implement the gate system prior to the remaining 8 proposed features; the bay line of defense to 9 manage water that is already in the bay and any 10 additional storm surge that overlaps the gulf line 11 12 of defense; and ecosystem restoration to enhance coastal resilience into the future. 13

14 The proposed plan provides increased 15 resiliency along the coast and is adaptable to future conditions, including relative sea level 16 change. As we mentioned, the gulf defense now 17 18 includes a gate system across the Bolivar Roads 19 inlet, and 43 miles of beach and dune systems on the front of the peninsula and the island, as well 20 as 2.9 miles of beach and dune structure down on 21 22 South Padre Island.

The bay defense includes a 15-mile ring barrier around the back side of Galveston Island, and mainland defenses including gates and

(indiscernible) stations at Dickinson Bay, Clear
 Lake, as well as nonstructural measures on the
 west side of Galveston Bay.

And the ecosystem restoration proposal includes 8 separate sites totaling over 6600 acres of habitat restoration coast-wide.

The study team hosted an international 7 storm surge gate design workshop with experts from 8 around the world to evaluate the previously-9 proposed gate design and suggested changes to 10 11 improve safety, assure redundancy, and reduce 12 environmental impacts. The Bolivar Roads gate 13 system represents the most critical feature of the 14 gulf line of defense and now includes 2 650-footwide floating sector gates, 2 125-foot-wide 15 floating sector gates, 15 300-foot-wide vertical 16 lift gates, 16 shallow water environmental gate 17 complexes that are 16 feet by 16 feet, and tie-in 18 structures comprising of flood walls and levees 19 20 will join the gate system to the beach and dune 21 system.

The deep draft navigation sector gates across Bolivar Roads inlet will be anchored and housed in man-made islands on both sides of the existing and new channels. The gates will be

stored in dry docks within the man-made islands,
 which will help minimize the probability of vessel
 impacts during day-to-day activities.

As a storm approaches and a decision is made to deploy the gates, the dry docks will be flooded, allowing the gates to swing out and float into place. Then, water will be pumped into the arms, sinking them into place.

9 Once the storm surge event has passed, 10 the water will be pumped out of the gates and they 11 will be floated back into their dry docks on the 12 artificial islands.

13 The deep-draft navigation gate openings 14 will require dredging a second deep-draft channel, and are designed to be 650 feet wide each with a 15 sill depth of 60 feet. The sill depth across the 16 ship channel will allow for future deepening of 17 the Houston ship channel, which is currently 18 maintained at a depth of minus 48 feet mean lower 19 low water. The gates will remain open year-round 20 to maintain continuous navigation traffic. 21 The 22 gates will only be closed when a storm surge event 23 threatens the Texas Coast or for an annual 24 maintenance check and inspection. 25 Smaller, 125-foot sector gates will be

1 located on each side of the larger 650-foot sector 2 gates for other vessels to travel through the storm surge gate system without crossing paths 3 with the deep draft vessels. These sector gate 4 complexes will have a reinforced concrete pile 5 foundation with steel fabricated gates. When the 6 7 gates are open, they are stored on the islands to 8 protect them.

9 The channel crossing continues with a 10 series of vertical lift gates suspended between 11 concrete towers. The lift gates for the Bolivar 12 Roads crossing have 300-foot-wide openings, 13 including 8 lift gates with a 20-foot sill depths 14 and 7 lift gates with a 40-foot sill depth.

15 To the right, or north, of the vertical 16 lift gates we propose to build 16 shallow-water environmental gates in the area nearest Bolivar 17 Peninsula where the water is 5 feet deep or less. 18 19 These gated structures provide multiple openings 20 to allow for tidal passages from both sides of the gates. The gates will require an access road on 21 22 the bay side of the structure to allow maintenance 23 crews access to the gates and operating equipment. 24 The road will consist of stainless steel industrial grating, which will allow sunlight to 25

pass through the water below, which reduces impact
 to marine life.

3 To tie the gated structures to the land, 4 a 5300-foot-long combi wall will join the system 5 to the levee system at the end.

6 Beach and dune construction on West 7 Galveston Island and Bolivar Peninsula form the 8 remainder of the gulf defenses. On West Galveston 9 Island, this feature would tie into the existing 10 Galveston sea wall and continue westerly for 18 11 miles, ending at San Luis Pass.

12 On Bolivar Peninsula, the beach and dunes 13 tie into the McFaddin National Wildlife Refuge 14 Beach Ridge Restoration project, which starts 15 approximately two miles east of highway 87 and 16 continues southwest for 25 miles to the end of 17 Biscayne Beach Road, where it links into the 18 gate's levee feature.

19 Although the improved beach and dune 20 designs provide a lower level of risk reduction 21 than the previously proposed levee system, they 22 take advantage of the natural resiliency of sand 23 systems, sustain the barrier island over time, and 24 strengthen the tie-in to the Bolivar Roads gate 25 system. These changes have been made in response

to public comments and represent a solution which minimizes environmental and social impacts while still achieving significant coastal risk reduction.

5 The proposed beach and dune features 6 include a 14-foot landward dune and a 12-foot 7 gulfward dune with a 250-foot-wide beach system on 8 the water side. It is important to note that this 9 dune field construction will begin at the current 10 dune line and build out toward the water rather 11 than building toward people's residences.

12 The draft proposal will require approximately 22 million cubic yards of sand for 13 initial beach and dune construction along Bolivar 14 Peninsula and approximately 17 million cubic yards 15 of sand for initial beach and dune construction 16 along West Galveston. And approximately 22 17 million cubic yards of material will be needed for 18 periodic nourishment along Bolivar Peninsula and 19 West Galveston, every 6 years for Bolivar and 20 every 7 years for West Galveston over a 50-year 21 22 period of analysis, considering the intermediate 23 relative sea level change condition. 24 Currently, there are 125 authorized beach access points, 67 vehicle crossings, and 58 25

1 pedestrian crossings within the proposed beach and 2 dune systems. Existing authorized pedestrian beach access crossings will be replaced with dune 3 walk-overs to minimize impacts from the newly-4 created dune systems. Pedestrian traffic volume 5 6 will be investigated to determine an appropriate 7 walk-over width for the location, and all up and 8 down ramps for the crossovers would be designed to be ADA compliant. Existing authorized pedestrian 9 beach access crossings will be replaced with dune 10 11 walk-overs to minimize impacts from the newly 12 created dune systems. 13 Vehicular ramps will be created to 14 minimize ramp length. The number of access points 15 will be in compliance with the Texas Open Beaches 16 Act. 17 On the lower Texas Coast, the South Padre Island Coastal Storm Risk Management measure would 18 nourish the beach and dune along South Padre 19 Island to reduce risks from coastal storm surge to 20 businesses, residents, and infrastructure in the 21 22 highly developed area of South Padre Island. 23 Beach nourishment will also maintain beach habitat 24 for nesting sea turtles and birds. The plan

25 proposes beach nourishment on a 10-year cycle for

1 the authorized project life of 50 years.

The economic analysis confirms that beach nourishment is cost-effective when considering construction costs, benefits, and currently sestimated real estate costs.

The Galveston sea wall improvements 6 7 feature is a future adaptation to provide additional storm surge and wave overtopping 8 reduction along the existing sea wall which will 9 connect to the Bolivar Roads gate system on the 10 east, and the West Galveston beach and dune system 11 12 on the west. The recommendation is to increase the height of nearly 8 miles of existing sea wall 13 to reach a uniform level of protection of 21 feet 14 by adding curbing and drop-in gates where needed 15 on the landward side of Seawall Boulevard to 16 address the risks of overtopping. 17

The Galveston Bay is a large enough body 18 19 of water that flooding can result from wind and 20 fetch pushing water up onto Galveston Island from the back side. The Galveston ring barrier offers 21 22 the first component of the bay defenses to address 23 this risk. The system ties into the existing sea 24 wall and proceeds clockwise from the west end of the sea wall north in the proximity of 103rd 25

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Street to Offatts Bayou; crosses the Teichman 1 2 Point area and ties into Interstate Highway 45; continues east along the Harborside area to the 3 47th Street area; then continues north to the 4 Galveston ship channel; then continues east 5 through the Port of Galveston to the University of 6 7 Texas medical branch; turns northward to the ferry; and then back south to the sea wall. 8 Numerous trade-offs between project cost, 9 project impacts, and overall effectiveness of the 10 11 ring barrier system were evaluated and made during 12 the refinement of the alignment.

13 The ring's flood walls and gates have 14 been set at an elevation of 14 feet, which 15 considers the water level of the bay and wave 16 overtopping, assuming that the Bolivar Roads gate 17 system has been constructed in advance of a storm.

18 Since Galveston Island currently operates 19 on a gravity drainage system, the plan would add a 20 forced drainage system consisting of approximately six new pump stations to move water off the 21 22 island. The pump stations would address storm 23 surge flooding as well as rainfall flooding during 24 storm events. Further, any features proposed by the study are not permitted to worsen any existing 25

conditions, meaning the risk of flooding from a
 rain event cannot be increased with the
 implementation of the ring barrier system.

Although the Bolivar Roads gate system 4 5 reduces the storm surge water of the gulf from entering Galveston Bay, residual risk exists due 6 7 to the storm's pushing the Galveston Bay waters 8 onto the mainland. The Clear Lake and Dickinson Bay systems are proposed as a second line of 9 defense to address this concern. The Clear Lake 10 11 and Dickinson Bay gate systems each consist of a 12 storm surge gate structure, associated flood 13 walls, and a pump station to address the residual 14 risk that persists in the Clear Lake and Dickinson 15 Bayou areas.

16 For Clear Lake, a closure is proposed at State Highway 146 and Clear Lake to address 17 Galveston Bay surge. The design includes a 75-18 19 foot sector gate and a pump station with a designed capacity of 20,000 cubic feet per second. 20 The flood wall and closure structure would start 21 22 on the west side of State Highway 146 near NASA 23 Road 1 and end on the south side of the outlet 24 near Marina Bay Drive west of State Highway 146. For Dickinson Bay, a closure is proposed 25

at State Highway 146 and Dickinson Bayou to 1 2 address Galveston Bay surge. The design includes a 100-foot sector gate with a design capacity of 3 19,500 cubic feet per second. The flood wall and 4 5 closure structure would start on the west side of State Highway 146 near Avenue T, and end on the 6 7 south side of the bayou near Waterman's Harbor, 8 west of State Highway 146.

9 These features would include drainage 10 outlet structures, also called circulation gates, 11 to allow hydraulic connectivity to be maintained, 12 except during closure for hurricane or tropical 13 storm surge events.

14 Non-structural measures are proposed for 15 the west side of Galveston Bay, north of the Texas 16 City hurricane protection levees. Non-structural 17 measures include raising houses and/or flood-18 proofing.

19The study team reviewed residential and20non-residential structures within the Galveston21Bay system that are predicted to sustain22significant damage during a variety of storm surge23flood events under the future with-project24condition, with the surge barrier in place.25Based on an evaluation of cost and

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1 benefits and the ability to continue to buy down 2 risk, structures still receiving damages in the 100-year storm surge event were recommended for 3 voluntary non-structural razings. About 1750 4 residential pier and slab-on-grade homes are being 5 6 recommended to be razed to the future, with 7 project 100-year stage plus 1 foot; and 170 non-8 residential slab foundation buildings are recommended to be flood-proofed to 3 feet above 9 the existing ground elevation. If local 10 11 floodplain standards are higher than these 12 recommended elevations, the local standard should be followed. 13

14 The coast-wide ecosystem restoration plan 15 was formulated to restore degraded ecosystems that buffer communities and industry on the Texas coast 16 from erosion, sinking land, and storm losses. 17 Ecosystem restoration projects address habitat 18 19 loss and degradation from coastal processes and 20 support the coastal storm risk management components by providing a natural buffer from 21 22 coastal storms. Each ecosystem restoration measure represents a combination of features and 23 is formulated in a specific geographic location to 24 restore diverse habitats and provide multiple 25

1 lines of defense.

2	A total of eight ecosystem restoration
3	measures are proposed along the entire Texas Coast
4	that collectively provide approximately 6610 acres
5	of ecosystem restoration. Ecosystem restoration
6	measures included in the draft proposal include
7	114 miles of breakwaters; 15.2 miles of bird
8	rookery islands; 2052 acres of marsh; 12.3 miles
9	of oyster reef; and 19.5 miles of beach and dune.
10	Here, you can see the proposed measures
11	for Galveston Gulf Intercoastal Waterway shoreline
12	and island protection.
13	Here, you can see the proposed measures
14	for Bolivar Peninsula and West Bay Gulf
15	Intercoastal Waterway shoreline protection and
16	island restoration. You can also see proposed
17	measures for Follett's Island gulf beach and dune
18	restoration.
19	Here, you can see the proposed measures
20	for East Matagorda Bay shoreline protection and
21	Keller Bay restoration. Oyster reefs, revetment
22	and breakwaters will reduce erosion along the
23	shorelines, and sediment will be used to restore
24	marshes, wetlands, and islands.
25	Here, you can see the proposed measures

for Powderhorn shoreline protection and wetland restoration, and Redfish Bay protection and enhancement. Again, offshore breakwaters and oyster reefs will reduce erosion of the shorelines and sediment will be used to restore marshes, wetlands, and islands.

7 Finally, here are the proposed measures 8 for Port Mansfield Channel, Island Rookery, and 9 hydrologic restoration of the Laguna Madre. 10 Sediment will be dredged from the channel and 11 placed on the beach in Mansfield Island, a bird 12 rookery island. The opened channel will restore 13 the connection between the gulf and the lagoon.

While the team was able to minimize and avoid many potential impacts by optimizing the proposed lands, an estimated 1577.6 acres of direct and indirect impacts to wetlands, bay bottom and oyster reefs, are still anticipated under the draft proposal.

The impacts are divided into two categories: direct and indirect. Direct impacts are caused by the footprint of coastal storm risk management feature construction, and indirect impacts are caused by construction-induced changes to the environment that are not within the direct

1 footprint.

2	A draft mitigation plan has been
3	developed to address the potential lost functions
4	and values of the impacted areas through the
5	creation or restoration of habitats in the area.
б	Over 677 acres of habitat will be created, and an
7	additional 674.4 acres of existing low-quality
8	habitat will be enhanced to offset potential
9	direct and indirect impacts to wetland and oyster
10	reefs under the draft proposal.
11	Potential locations for mitigation sites
12	have been developed by the study team, but will be
13	refined further during the pre-construction
14	engineering and design phase. Ultimately, the
15	final size of the mitigation measures may change.
16	However, due to the conservative nature of
17	engineering and economic assumptions used in the
18	development of the draft proposal, it is
19	anticipated that design refinements of the
20	proposed structures will result in equal or lesser
21	environmental impacts than currently estimated.
22	For the overall combined project, the
23	project construction cost is estimated at \$26.2
24	billion, with 67 percent of the cost allocated for
25	gulf defenses; 23 for bay defenses; and 10 percent

1 for ecosystem restoration. As you may notice, the 2 total economic recovery costs from previous storms 3 indicate that the proposed project could very well 4 pay for itself in just one storm.

With the draft proposal in place, not all 5 storm damages will be prevented, only reduced. 6 Ιt 7 is important to understand that the project will not eliminate all risks to life and property. 8 Even with primary line of gulf defenses and 9 secondary line bay defenses, residual damages can 10 still occur from project exceedance events, 11 12 rainfall events, and hurricane winds and windblown debris. 13

14 Implementing the coast-wide ecosystem restoration plan would result in positive effects 15 on natural resources which are institutionally, 16 technically and publicly recognized. Restoration 17 supports the global, national, state and locally 18 significant resources within the area and the 19 unique services, functions and values provided by 20 these resources. Fresh, intermediate, brackish, 21 22 and saline marshes will be protected or enhanced 23 within a framework of marsh restoration, shoreline 24 protection stabilization, and dune beach features that interact to provide benefits greater than 25

1 their costs. Together, these features would help 2 protect against erosion and provide important transitional estuarine habitat between upland and 3 marine environments. Restoring lost wetlands, 4 5 protecting existing wetlands, and reducing the 6 profound environmental and habitat loss across the 7 study area could also help support the coastal storm risk management portions of the 8 recommendations. 9

Part of the area's vulnerability to 10 11 hurricane storm surge damages is directly related 12 to the significant loss of wetlands the area has experienced. Wetlands also provide important 13 14 habitat that directly supports the viability of threatened and endangered species; commercially 15 imported species such as fish, shrimp and crabs; 16 and the economy through the creation of and 17 support for industries that depend on wetlands 18 19 such as fishing and hunting guides, bait and tackle shops, birding enthusiasts, and ecotourism. 20 Wetlands are a unique yet imperiled ecosystem in 21 22 the nation, and the coastal areas of Texas have 23 experienced a tremendous loss of this important 24 habitat.

25

Implementing the Galveston Bay storm

surge barrier system to reduce financial damages 1 2 from hurricane storm surge in the study area, serves multiple purposes. First, it would help 3 lessen the financial and social impacts that 4 tropical storms and hurricanes can cause by 5 reducing the risk of property damage that 6 displaces residents, shuts down commercial and 7 8 industrial services, and disrupts livelihoods. Ιf structures avoid or experience less damage because 9 of the draft proposal, families and businesses can 10 rebound much more quickly after a tropical event. 11 12 Second, time, money and energy would not 13 be lost to repairing structures damaged by storm 14 surge, relocating to other areas due to 15 displacement from a home or business, or disruptions in community cohesiveness. 16 The draft proposal would also help to ensure that the 17 economy and the region's critical infrastructure 18 19 would continue to operate after a storm, and the stress and hardship associated with a hurricane 20 storm surge would be decreased. 21 22 Under the future without-project conditions, approximately 250 critical 23 24 infrastructure sites would be impacted during a 100-year event. With the project in place, only 25

about 95 critical infrastructure sites would be
 impacted under the same event.

Third, each coastal storm risk management 3 measure has a strong benefit/cost ratio, or BCR, 4 with a 2.74 BCR for South Padre and 1.96 BCR for 5 6 Galveston Bay. The combined BCR for the CSRM 7 measures is 1.96. A BCR over one indicates the benefits of the project exceeds the costs, which 8 is a requirement for federal investment. And most 9 critically, if damages from storms were 10 distributed equally across all 50 years of the 11 12 study, the Galveston Bay storm surge barrier 13 system is anticipated to reduce average annual 14 damages by \$2.28 billion per year. 15 That concludes the presentation portion of today's meeting. We will now begin the 16 commenting period. 17 As a reminder, if you have not registered 18 19 to speak during the meeting today and would like 20 to, you may do so at any time by using the raise hand feature located at the bottom of the Webex 21 participant list or dialing star-three if you are 22 23 joining us only by phone. 24 Due to the nature of today's virtual meeting, the formal public commenting portion of 25

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1 today's meeting will be conducted in the following 2 way. First, federal, state and local elected officials who wish to speak will be called on to 3 4 do so. Then, anyone else who has indicated a 5 desire to speak will be given the same 6 opportunity. We will then call on each member of 7 the public who has signed up to speak by the name used during the meeting registration or by the 8 last four digits of your phone number if you are 9 only joining us by phone. 10 11 Each speaker will be given two minutes to make their comments. A countdown timer will be 12 13 displayed on the meeting broadcast screen for each 14 speaker to indicate the remaining time. 15 As your time ends, please be courteous to the other members of the public who wish to 16 provide comments and quickly wrap up your comments 17 18 to ensure that everyone who would like to speak 19 has the opportunity to do so. 20 If you do not need the entire time allotted, help us to include everybody by only 21 22 using the time you need. If you complete your 23 comments in less than two minutes, we will restart 24 the clock for the next speaker. Remaining time cannot be reserved or transferred to another 25

1 speaker.

2	Please keep in mind that we reserve the
3	right to mute your microphone if this instruction
4	is not followed. We ask that you support us in
5	conducting a respectful, orderly, and courteous
б	meeting. We want to be sure we get all your
7	comments recorded, and we need your cooperation to
8	do so. Here are a few ground rules for the
9	meeting today.
10	Since this meeting is being held
11	virtually, we will keep all participant
12	microphones muted to avoid any background noise
13	that may make the presentation difficult to hear.
14	Connor will notify you when your microphone has
15	been unmuted. Please make sure you have also
16	unmuted your phone.
17	When it is your opportunity to speak,
18	please state and spell your first and last name.
19	We will not respond today to the comments
20	submitted. However, all comments made today will
21	be documented and reflected in the development of
22	the final feasibility report and EIS.
23	Just a reminder, you may not defer your
24	time to others. The public meeting will adjourn

you would like to submit beyond what you are able
 to address during your comment period, please
 submit them in writing.

Speakers will be called on to provide 4 5 comments in the order in which they have signed up. We will announce upcoming speakers in groups 6 7 of five, so you are aware of when you will be called to speak. If you do not wish to provide a 8 comment today but would like to submit comments to 9 the project team, there are other ways to do so. 10 You have the option to submit comments through 11 12 mail and email online through the project website. All comments received during the formal commenting 13 period through December 14, 2020, will carry the 14 15 same weight as the comments submitted today. You do not have to submit a comment today, and you 16 will be heard just as clearly as those who spoke 17 18 today. 19 Additional information about submitting 20 comments is provided on the project website. 21 (Recording ends) 22 MR. STOKES: We will now begin the 23 comment period for tonight's public meeting. 24 At this time we only have one registered

25 speaker, so I'd like to encourage those of you who

have not signed up to speak and would like to, to use the raise hand feature at the bottom of the Webex participant list or by dialing star-three if you're only joining us by phone.

Before we get started, I'd like to remind 5 everyone that we are here to receive your comments 6 7 to the revised draft proposal, but the study team will not be responding to comments or answering 8 questions. However, if you have not already 9 joined us for one of the study's public 10 information sessions, we encourage you to join the 11 12 next one, which will be held tomorrow, Friday, December 4th, from 10:00 a.m. to 12:00 p.m. 13 Access information for this public information 14 session as well as the additional public meetings 15 that will be held on December 8th can be found on 16 the study website, which is shown on screen, 17 18 coastalstudy.texas.gov. 19 During the public information session 20 tomorrow, those in attendance will have the

21 opportunity to submit questions to the study team,

22 and the study team will be able to provide

23 responses and answers to those questions.

24 Since we do not have any public officials 25 who have signed up to speak, we will continue with

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1 comments from the public.

2	As I mentioned, we only have one
3	registered speaker, Charles Peterson.
4	Charles, your microphone is now unmuted,
5	and you can begin your comments at this time.
6	MR. PETERSON: Yes. Thank you. My name
7	is Charles Peterson, and I have a home on Bolivar
8	Peninsula. And I've had a home there since 1991.
9	Of course it was destroyed in Hurricane Ike.
10	And I really appreciate the fact that
11	you've made some changes to how the dike system or
12	levee system will be implemented on Bolivar
13	Peninsula. That makes a lot more sense than the
14	original thing that you all proposed.
15	I'm still not in favor of this whole
16	project. I think it's way too large, and it's
17	going to cost way more money than we should try to
18	spend. Possibly if you'd broken it up into
19	different segments, that might have been a better
20	way to approach it. But it's just extremely
21	expensive and, as a taxpayer, I'm the one that has
22	to pay for it.
23	So you know, I was hoping that you all
24	would have considered moving the gate system up to
25	about Clear Lake or Morgan's Point, somewhere like

1 that, but I see that you didn't. But thank you 2 again for changing the levee system on Bolivar Peninsula. If you all go ahead with this and get 3 the funding, I think you -- I think we can live 4 with it, but just not really crazy about the rest 5 6 of the project. So thank you again. I appreciate 7 an opportunity to share. MR. STOKES: Thank you for your comments, 8 Charles. Your microphone is now back on mute. 9 We do have another speaker who has signed 10 11 up, a call-in user. 12 Call-in user with the first six digits of 13 713408, your microphone is now unmuted, and you 14 can begin your comments at this time. 15 MR. PERSON: Thank you. My name is Dave 16 Person in Lake City, Texas. 17 First off, I want to applaud all the work 18 that the Corps of Engineers has done to date and 19 the work that they've done coordinating with the GLO and other entities such as Texas A&M 20 Galveston. 21 22 I have some concerns regarding the dune 23 model and whether it will withstand a 50-year 24 storm let alone a 100-year storm with the current proposal of the 12-foot, 14-foot natural dunes 25

1 versus a fortified dune.

2	It was also mentioned during the
3	presentation that 60 percent of the volume of
4	water surge is prevented through the flood gates
5	at Bolivar Roads, but no mention was stated
6	regarding with no protection at San Luis Pass.
7	How much water would come in through that inlet
8	and potentially basically eradicate the prevention
9	that we're putting in as far as the storm surge on
10	the coastal spine?
11	The other the third thing that I've
12	noted in looking at the website of the bay
13	protection at Clear Lake and Dickinson Bay. It's
14	unclear as to with this as to what the design
15	will be. However, this is probably premature for
16	me to ask that. I do see the need for both of
17	those, so I do support that. I do question,
18	though, the amount of aquatic flow through those
19	systems when they're open, particularly at
20	Galveston excuse me at Dickinson Bay or
21	Dickinson Bayou. Even when you open up that, will
22	the flow be so rapid that it makes it difficult
23	for smaller vessels to get in and out?
24	And again, thank you for the time to
25	comment.
1	

MR. STOKES: Thank you for your comments.
 Your microphone is now back on mute.

At this time we've gone through all the 3 commenters who have signed up. However, I'd like 4 5 to give a few more moments for folks to sign up, if they would like to do so. Again, you can do 6 7 that by using the raise hand feature at the bottom of the Webex participant list and, again, by 8 dialing star-three if you're only joining us by 9 phone. 10

11 In the meantime, I would just like to 12 give a reminder to everyone who has joined us 13 today that we will be giving -- holding a public 14 information session tomorrow, Friday, December 4th, from 10:00 a.m. to 12:00 p.m. During that 15 public information session, those in attendance 16 will have the opportunity to provide or ask 17 18 questions of the study team and receive answers to 19 those questions during that session.

Additionally, we will be having two more public meetings just like this one on December 8th, one at 11:00 a.m. and then another one at 6:00 p.m. Access information for all of these meetings can be found on the study website at coastalstudy.texas.gov.

1 And as we still do not have any more 2 speakers who have signed up at this time -actually, we do have another speaker. Excuse me. 3 Sue Groff, we'll go to you next. 4 Your 5 microphone is now unmuted, and you can provide 6 comments at this time. 7 MS. GROFF: ... how the double dune system in Bolivar, how will -- if water goes in that 8 area, how is that to come at -- you know, be 9 removed from that area? And then there was 10 another area that it talked about -- there was a 11 12 legend that talked about how the property would be used during the time of construction. And there 13 14 wasn't a clear explanation of that, so I'd like more information related to that. And that's all 15 16 I have. Thank you. 17 Thank you for your comments. MR. STOKES: Your microphone is now back on mute. 18 19 At this time, since we have gone through all the -- again, we have another speaker, 20 apologies. 21 22 Our next speaker is Emily Cox. 23 Emily, your microphone is now unmuted, 24 and you can begin your comments at this time. 25 MS. COX: Hello. My name is Emily Cox.

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I live in Clear Lake, lived in Galveston for a
 long time, so just have an interest in that area
 and how it's affected by storms. I was a student
 at A&M Galveston, and so studied a lot in the ship
 channel.

I just wanted to echo the first speaker 6 7 and say that I agree that this project seems really -- the scope of it seems really large and 8 just really, really expensive. Obviously, there's 9 a need for a project like this, but I just think 10 that maybe something that's less impactful would 11 12 be a better way to go. I just wonder -- I still have some concerns about the environmental 13 14 impacts, particularly with the -- with the gates 15 in Bolivar. Not really convinced that there won't 16 be any environmental impacts, as stated. 17 Anyway, thank you for allowing me to 18 speak. Sorry for stopping you from closing the 19 meeting. Thank you. 20 MR. STOKES: Thank you for your comments, Emily. Your microphone is now back on mute. 21 22 I'd like to go ahead and give just a few more moments for anyone else who would like to 23 sign up to speak before we close out the meeting. 24 Okay. At this time the formal commenting 25

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period for tonight's meeting has ended. All statements placed in the record will be given consideration. It should be noted that comments can be submitted at any time during the NEPA process, but only those submitted during this and the previous formal review and comment periods will be included in the summary reports and considered in the development of the final proposal. I thank you for your participation tonight and the interest that you have shown in the Coastal Texas Study. This public meeting is now adjourned. (END OF VIDEO FILE) 

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1	CERTIFICATE OF TRANSCRIPTIONIST	
2	I certify that the foregoing is a true	
3	and accurate transcript of the digital recording	
4	provided to me in this matter.	
5	I do further certify that I am neither a	
6	relative, nor employee, nor attorney of any of the	
7	parties to this action, and that I am not	
8	financially interested in the action.	
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## Virtual Public Meeting Transcript

December 8, 2020, 11 a.m. – 1 p.m.

## COASTAL TEXAS STUDY

DECEMBER 8, 2020

11:00 A.M.

1 MR. STOKES: Good morning, Mark. Can you 2 go ahead and do a quick audio test for us? 3 MR. HAVENS: Sure thing. Is this working 4 okay? 5 MR. STOKES: Sounds good. Thank you, 6 Mark. 7 MR. HAVENS: Appreciate it. (Pause) 8 COLONEL VAIL: Hey, Connor. Colonel Vail 9 radio check. 10 11 MR. STOKES: Sounds good. Thank you, 12 Colonel. 13 (Pause) 14 Good morning, everyone. Thank you all for joining us early. The time is about 10:55, 15 and we'll be getting started here shortly in about 16 five minutes. And thank you all for joining us 17 18 early. 19 (Pause) Good morning. And thank you for joining 20 us for the first of two public meetings today. On 21 22 behalf of the project team, we thank you for your 23 time and interest in the Coastal Texas Protection 24 and Restoration Feasibility Study or Coastal Texas 25 Study.

1 My name is Connor Stokes. I will be 2 assisting the U.S. Army Corps of Engineers and 3 Texas General Land Office with today's public 4 meeting.

5 Before we proceed with our agenda, I 6 would like to acknowledge the project team members 7 in attendance today. From the U.S. Army Corps of 8 Engineers, we are joined by Colonel Timothy Vail, 9 Commander of the U.S. Army Corps of Engineers 10 Galveston District, and Kelly Burks-Copes, U.S. 11 Army Corps of Engineers Project Manager.

12 And from the Texas General Land Office, 13 we are joined by Mark Havens, Chief Clerk and 14 Deputy Land Commissioner, and Tony Williams, 15 Deputy Director - Coastal Field Operations. 16 During the meeting today, Colonel Timothy 17 Vail and Mark Havens will provide opening remarks, 18 followed by a presentation about the revised draft

19 proposal from the Corps of Engineers and Texas20 General Land Office.

After the presentation, you'll be provided with the opportunity to speak directly to the project team. If you did not sign up to speak when you registered for today's meeting, you may do so at any time during the meeting by using the

raise hand feature located at the bottom of the
 Webex participant list. Please see the screen for
 additional instruction about using the raise hand
 feature through Webex.

4

5 For individuals who have only called in 6 through the phone, you have the option to sign up 7 to speak by dialing star-three. You may also 8 submit written comments through mail and email. 9 Mailing address information and the project email 10 address can be found online through the project 11 website.

12 Speakers will be called on to provide 13 comments in the order in which they have signed 14 up. We will announce upcoming speakers in groups 15 of five, so you are aware of when you will be 16 called to speak.

We will now begin the presentation
portion of the meeting with opening remarks from
Colonel Timothy Vail, Commander of the U.S. Army
Corps of Engineers Galveston District, and Mark
Havens, Chief Clerk and Deputy Land Commissioner
of the Texas General Land Office.
Colonel Vail.

24 COLONEL VAIL: Happy holidays to25 everybody. Looks like we're closing in around 20

5 -- 20 attendees participating today. We look 1 2 forward to talking to you about the study and then 3 make an opportunity for your formal comments. 4 Up front, I'd say it's been in the news. 5 Hopefully it's trickled down either through the б website or to you all that we've gone ahead and 7 extended the comment period until the 13th of 8 January. So you have until the 13th of January to 9 get written comments postmarked for by the end of 10 the day on the 13th of January to submit those written comments through the public website. 11 12 Again, I always open this by pointing to 13 the actual website in terms of https://urldefense.com/v3/\_\_http://www.coastalstudy.texas.gov\_\_;!! NtP9J7iH11vXGg!aZvuXJHhOXKZMNniwF5v9tmzcRV57rxbgwezzTGOOfEUs0vgxHsZmPCKaUbhZobX1iupOk0\$ as kind of 14 that nexus repository for all information because it really 15 16 is next generation in terms of what we're trying 17 to roll out in terms of understanding this project 18 through both the report that's posted there and 19 then the GIS and the story map products that allow you to interact and truly get a deep understanding 20 21 of where we're going with this project. 22 I know we've had some Q and A sessions 23 leading up to this fifth of sixth formal public 24 comments, and engagement will continue well beyond 25 the draft EIS and then the actual completion of

1 the study. And I'll talk to that a little bit.

But what I really want to do is take the opportunity upfront to talk to those that have joined us today about where this fits in terms of our broad program for coastal resilience between the Army and the State of Texas.

7 So if you'd bear with me just to recall, you know, our recent history that's been marked 8 specifically by storms from Hurricane Katrina, to 9 Rita, to Ike. What we saw was really the 10 coalition of the willing form around the Texas 11 12 Gulf Coast. It started with our counties and 13 issues at the county level that really has 14 elevated up to real leadership at the State and the Army Corps of Engineers to get at and provide 15 the most resilient Texas Coast as possible. 16 17 With the understanding that both significant environmental changes are happening on 18 19 a daily basis along the Texas Coast and 20 significant economic development and infrastructure changes continue to happen on the 21 22 Texas Coast. And what we all want is the most resilient coast possible for the next 50 years. 23 24 So I'd like to introduce, before we get into the components of this specific study, what's 25

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really going on out there right now already. 1 So if you aren't familiar with the Sabine Pass to 2 Galveston Bay program, there's three projects 3 associated with the Sabine Pass to Galveston Bay 4 5 that were authorized and funded in 2018 by the 6 That includes the construction of a new Congress. 7 coastal storm risk management system in Orange County to address its component rainfall and surge 8 events. Also increasing the level of protection 9 currently from the coastal storm system that 10 exists in Port Arthur is already underway, and an 11 12 increase in the level of protection for the 13 coastal storm risk management system that's in 14 Freeport.

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All three of those are fully funded by 15 16 the federal government with the State providing matching funds through its biannual appropriations 17 process. And all of those are under design and to 18 19 some aspect of construction already. So those are already going on, and that's the Sabine Pass to 20 Galveston Bay, again, focused on Orange, Port 21 22 Arthur, and Freeport. The second segment of the coastal 23 24 resiliency plan is delivery -- we expect

25 authorization by the Congress in this year's Water

Resource Development Act to authorize the study 1 2 that we did for the restoration of, I believe, 2600 acres of ecosystem in Jefferson County. 3 That's part of our engineering -- nature-based 4 5 engineering initiatives where we're going to have a multifaceted benefit from restoring natural 6 ecosystems across Jefferson County. And we 7 incorporate that into our long-term resiliency 8 plan. 9 And then really the third piece is what 10 11 we're presenting to you today, which is the 12 Coastal Texas Study, and that's the \$26.2 billion 13 plan that we have right now to address the balance 14 of the coast in four separable elements. The first is the series of gate 15 16 structures from the surge gates that protect the Houston-Galveston ship channel at its opening from 17 the existing sea wall, across to Bolivar 18 19 Peninsula, to the interior bay gate structures 20 along Clear Lake and Dickinson Bayou. 21 Second is the ring barrier system 22 component that is largely to protect the city of 23 Galveston proper. 24 The third is the series of dune systems, which is the 42 miles of double dune system, up 25

the Bolivar Peninsula to McFadden, and down the
 sea wall to the San Luis Pass.

And then the fourth real separable 3 elements of the Coastal Texas Study are the series 4 of ecosystem restoration projects, which is, 5 again, engineering nature-based solutions and 6 7 engineering that will extend all the way from Galveston Bay to lower Laguna Madre in terms of 8 providing those ecosystem benefits for storm surge 9 and storm risk reduction. 10

11 I think the main upfront talking point 12 that I'd throw your way, as you consider what 13 comments you want to make in this comment period, 14 is that the plan that we have now between the Army and the General Land Office is best categorized as 15 competitive for federal investment. 16 It's our broad responsibility to really optimize the direct 17 economic benefits with the direct costs underneath 18 19 the framework that we've given under federal 20 policy in the national economic development model. 21 And what you're going to see today is the 22 framework in a study where the math bears out 23 almost a 2 to 1 ratio in terms of the benefits and 24 return on the cost.

One of our governing priorities in the

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study process is really to make recommendations 1 2 that can be implemented. And with that competitiveness in terms of federal investment, 3 based on how the cost in benefits are working out, 4 we're now working on implementation strategies. 5 So state legislature intends to meet this 6 summer to create a non-federal entity, which will 7 be used to serve as the partner for both 8 continuation of design and ultimately the 9 construction of the four components of this 10 project. And then what we've done is we've had 11 12 policy approval all the way up to the administration on the framework for continued 13 14 environmental analysis, and I only bring that up because that a lot of what you read in the news as 15 we've rolled out this draft EIS. 16 17 Our concerns on the extent of the 18 environmental analysis - very broadly, this study 19 at this junction has looked at it from a very large scale in terms of environmental analysis. 20 And we now have a framework that has been approved 21 to do the very site-specific environmental impact 22 23 statements associated with major components of 24 this project, which will be done in the next phase 25 of the process.

1 And then we're really working on a 2 timeline for authorization of the study in the year 2022. And then the commencement of 3 preliminary engineering and design in 2023. 4 That 5 will go hand in glove with the continued 6 supplemental environmental assessment. 7 There's definitely a sense of urgency for all of us between the State and the Army Corps of 8 Engineers, given that we've seen pretty much the 9 most active hurricane season in a generation with 10 some very close calls to the state of Texas this 11 12 year. And I'd only like to emphasize that we 13 can't do it here at the federal level without the 14 dedication and commitment of the State of Texas. 15 That's been -- the leadership really exemplified 16 by the General Land Office. They've been 17 absolutely critical in getting us here and are 18 19 truly the champions for implementation. And I'd like to turn it over to Chief 20 21 Clerk, Mark Havens, from the General Land Office 22 at this point. 23 MR. HAVENS: Thank you, Colonel. Ι 24 appreciate it. As he said, my name is Mark Havens, Chief Clerk and Deputy Land Commissioner 25

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1 for the Texas General Land Office.

2	And first I just want to say thank you
3	for coming out to the second round of public
4	comments for Coastal Texas Study.
5	As many of you know, addressing issues on
6	the Texas Coast including storm surge and
7	ecosystem enhancement continues to be one of the
8	top priorities for Texas Land Commissioner, George
9	P. Bush.
10	And I know the Colonel alluded to
11	everything the Land Office has done in partnership
12	with the Corps, but I think that's one of the
13	first questions we always get is why the Land
14	Office? What's the involvement here? And as some
15	of you may know, the Land Office was originally
16	created to manage state-owned lands, and that
17	includes tidally-owned state-owned submerged
18	land under tidal influence out to over 10 miles
19	offshore.
20	So we're the entity responsible for
21	overall coastal management program, CEPRA
22	implementation, beach and dune protection, the Oil
23	Response Act implementation. We have a litany of
24	items we run through on the Texas Coast.
25	And over the past, I guess since the past

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decade, we've also played a vital role in longterm recovery post-storm, dealing with HUD, CBG, long-term recovery. So we've seen firsthand what can happen post-hurricane, even post-tropical storm and really see the need for doing something historic like this.

7 In November of 2015, GLO signed an agreement with the Corps of Engineers to be the 8 local partner for this Coastal Texas Study. And 9 we take that role of local partner very seriously 10 11 because, as I think you'll hear in the 12 presentation today, you'll see the massive kind of 13 statewide impact something like this will have on 14 the coast. And we have to look at -- and I think the Corps does an excellent job of trying to build 15 resiliency and buy down the risk for the entire 16 17 coast.

And we have to take a look at that and 18 19 see, not only how does that impact the entirety of the Texas coastline, but how does it impact the 20 individual communities as well. Resiliency --21 22 coastal protection certainly looks different in 23 Bolivar versus Galveston versus Surfside, and you'll be able to see in this presentation today 24 kind of this integrated approach that affects all 25

1 areas of the coast.

2	And I know the Colonel pointed out
3	earlier about coastalstudy.texas.gov, and I can't
4	recommend that enough to allow you to go to that
5	and really kind of drill down to see what does
6	this look like in its entirety, but also what does
7	this look like to my hometown, to my neighborhood?
8	So it's an excellent resource for anyone
9	interested in that.
10	And so today, as we kind of get through
11	to this presentation, I think our takeaway message
12	is to say we heard you. I think you're going to
13	see a very different proposal than what you've
14	seen before, and all of that is born out of the
15	public comments we received in the first round.
16	So I would compliment the Corps on all
17	the work they've done to incorporate the changes
18	we've heard. So you're going to see beach and
19	dune projects. You're going to see a lot of
20	things in this that have changed, and we are
21	excited to give this presentation today and kind
22	of let you let you see all of this. And also
23	say this isn't the end. Obviously, we're here for
24	the second public comment period.

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1 Colonel. He was a strong voice in getting that 2 public comment period extended. So we are -- we understand this is -- we'd love to be in person to 3 4 do this, but having to do all of this virtually, 5 we're -- COVID has kind of flipped everything 6 upside down. So we appreciate the opportunity to 7 do this virtually and look forward for you to see the study, more importantly see the changes to the 8 study and, finally, to get some additional public 9 input. 10 11 So we're excited to be here today to be 12 able to see this and let you see what we have to offer. So that's all I have. 13 14 And, Connor, I'll turn it back over to 15 you. 16 MR. STOKES: Thank you, Colonel Vail and 17 Mr. Havens. We will now proceed with the Coastal 18 19 Texas Study presentation, describing the revised 20 draft proposal. 21 (Recording begins) 22 RECORDING: Welcome to the presentation 23 of the Draft Feasibility Report and Draft 24 Environmental Impact Statement for the Coastal Texas Protection and Restoration Feasibility 25

1 Study, also known as the Coastal Texas Study. 2 This presentation is intended to give you information about the draft proposal identified in 3 the draft feasibility report and draft 4 5 environmental impact statement, or the DEIS, prepared by the U.S. Army Corps of Engineers in 6 7 collaboration with the Texas General Land Office. Along the Texas Coast, vital resources 8 critical to the social, economic and environmental 9 welfare of the nation are at risk from damage by 10 11 tropical storms. 12 When tropical disturbances negatively impact the Texas Coast, the immediate fallout and 13 14 the continued aftermath affects not only the people who live in these coastal counties but also 15 the entire nation. It is critical that we take 16 action now to avoid the destruction that future 17 storms will bring. 18 19 That's exactly why the U.S. Army Corps of 20 Engineers has partnered with the Texas General Land Office to identify and recommend feasible 21 22 projects to reduce risks to public health and the 23 economy, restore critical ecosystems, and to make 24 the Texas coastline more resilient. 25 The Coastal Texas Study was initiated in

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1 2014 to evaluate large-scale coastal storm risk 2 management and ecosystem restoration actions aimed at providing the coastal communities of Texas with 3 multiple lines of defense from a wide array of 4 5 coastal hazards. This study falls under the 6 USACE's civil works mission which includes, but is 7 not limited to, inland and coastal flood risk 8 management and restoration protection and management of aquatic ecosystems. 9 The study area consists of the entire 10 Texas gulf coast, from the mouth of the Sabine 11 12 River to the mouth of the Rio Grande, and includes the gulf and tidal waters, barrier islands, 13 estuaries, coastal wetlands, rivers and streams, 14 and adjacent areas that together make up what we 15 refer to as the Texas Coast. 16 17 In November 2015, the U.S. Army Corps of Engineers entered into an agreement to officially 18 19 designate the Texas General Land Office as the non-federal sponsor, and begin development of a 20

21 feasibility study and environmental impact 22 statement. The Coastal Texas Study team was 23 officially formed, comprising of the U.S. Army 24 Corps of Engineers and the Texas General Land 25 Office.

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1 The study phase, or the phase in which we 2 determine the best course of action to protect the 3 Texas Coast, includes a series of reports that 4 explain the findings of the study and a proposed 5 plan of action. In fall 2018, the study team 6 released the first draft report and the draft 7 environmental impact statement.

Based on the input received during the 8 public review and comment period in late 2018 into 9 early 2019, the study team began revising the 10 11 draft proposal to integrate public comments and 12 feedback. As this second draft proposal was formulated, the study team continued to seek 13 14 further public input through the establishment of four community working groups led by the GLO as 15 well as a number of targeted stakeholder meetings. 16 17 In addition, three public open houses were held in February 2020 across the upper coast 18 19 to help inform the public. The study team will 20 continue to review and address the input received from the public and resource agencies to produce 21 22 the final feasibility report and environmental 23 impact statement, which is anticipated to be 24 published in May of 2021. The final report will

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be signed by the chief of the Corps of Engineers

in June 2021, which will mark the end of the study
 phase.

3 After the study phase, the recommended 4 plan will be proposed for congressional authorization and funding. If approved and funded 5 by Congress, the recommended plan would then be 6 7 designed and constructed over a period of 12 to 20 years, depending on congressional authorization, 8 appropriations, and non-federal partnerships. 9 The project would be maintained after 10 11 construction by a local sponsor or sponsors who 12 have not yet been determined. 13 To comply with the National Environmental 14 Policy Act, or NEPA, a federal agency must prepare an environmental impact statement if it is 15 proposing actions that may significantly affect 16 the quality of the natural and human environment. 17 The NEPA environmental review process seeks to 18 facilitate better informed decisions, focused on 19 avoiding, minimizing and/or mitigating potentially 20 negative impacts of federal action. 21 22 For the Coastal Texas Study, the U.S. 23 Army Corps of Engineers is following a tiered NEPA 24 The final EIS will be published with the process. final feasibility report in 2021, and supplemental 25

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NEPA compliance documents will be prepared and 1 2 published for public review as the project is designed. This means that the public will have 3 4 additional opportunities to engage with the team, 5 review revised plans, and provide feedback. In accordance with U.S. Army Corps of 6 7 Engineers planning guidelines and NEPA requirements, a proactive approach was taken to 8 engage the public, resource agencies, industry, 9 local governments, and other interested parties 10 11 throughout the Coastal Texas Study planning 12 process. This included regular and continued 13 coordination over the study period. 14 Starting in 2014, during the 15 reconnaissance phase, a series of scoping meetings were held, and now, a series of virtual public 16 meeting are being held to review and finalize the 17 18 second draft proposal and draft EIS. Engagement 19 activities have proven to be integral to the 20 planning process, as they have generated thousands of comments and suggestions which informed study 21 planners of key concerns and helped to shape and 22 23 refine the draft proposal. 24 Most significantly, public input received on the first draft integrated feasibility report 25

and EIS in 2018, and consideration of community impacts, led to refinements in plan formulation which resulted in the revised draft proposal presented today.

Public comments received in the current 5 6 review will be evaluated and documented in the 7 final feasibility report and EIS. The public will continue to be informed during the design phase 8 that occurs after the study phase. The impacts to 9 the environment will be assessed as the project is 10 The impacts to the environment will 11 designed. 12 disclose site-specific impacts associated with the proposed solution and identify the avoidance, 13 minimization, and compensatory mitigation efforts 14 to lessen adverse effects. In addition, the 15 updated documents will undergo formal public 16 review periods and resource agency coordination. 17 The Texas Coast is vulnerable to tropical 18 19 storms and hurricanes that can take human lives,

flood homes and businesses, and damage coastal ecosystems. The damages from hurricanes and tropical storms could become more severe as wind speed is projected to increase with higher sea levels and rising ocean temperatures. When tropical disturbances negatively impact the Texas

Coast, they affect not only the people who live in
 these coastal counties but the entire nation. The
 Texas Coast is an economic engine, home to ports,
 oil and gas refineries, corporate headquarters,
 military bases, fuel supply and refinery
 complexes, and numerous other enterprises.

7 The shutdown of even a single Texas port 8 can impact state and national economies for a 9 significant period of time, as experienced in 2008 10 when Hurricane Ike's storm surge and heavy winds 11 significantly impacted Brazoria, Chambers, 12 Galveston, Harris, Jefferson and Orange counties.

13 The Coastal Texas Study team recognizes 14 that the natural physical features and processes are interconnected with the man-made features 15 within the coastal Texas region. Population and 16 industry grew in this region specifically because 17 18 these features supported economic growth. 19 However, erosion and storm surge reduce the 20 protection these barrier systems provide to the coast. Relative sea level change increases the 21 vulnerability of these systems even further. Risk 22 23 reduction measures designed to sustain natural 24 features and reduce inundation and erosion risks can be achieved at lower cost when implemented 25

1 before conditions deteriorate further.

2	After the first draft proposal was
3	released in October of 2018 for public comment,
4	policy review and agency technical review,
5	multiple changes were considered and developed to
6	reduce impacts and costs of the revised plan.
7	Most significantly, the plan no longer includes
8	the originally-proposed levee flood wall segments
9	that would have paralleled State Highway 87 on
10	Bolivar Peninsula and FM 3005 on Galveston Island.
11	These segments were dropped from the plan to
12	minimize both social and environmental impacts.
13	Instead, the draft proposal now includes
14	the Bolivar and West Galveston beach and dune
15	system, a double dune system designed to provide
16	both storm surge risk reduction and ecosystem
17	restoration benefits.
18	Among other changes at the Bolivar Roads
19	Crossing, a second 60-foot-deep navigation channel
20	and two 650-foot-wide draft surge gates are now
21	proposed instead of a 1200-foot-wide gate. The
22	estimated refinements of the Bolivar Roads gate
23	system have reduced the constriction of flow
24	between the bay and gulf, down from 27.5 percent,
25	to 7 to 10 percent. This, in turn, has reduced

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1 the anticipated environmental impacts to the 2 Galveston Bay's ecosystems and has reduced the 3 amount of mitigation now necessary to offset 4 losses.

5 The Galveston ring barrier system has 6 been realigned to reduce impacts to surrounding 7 neighborhoods and incorporate more areas, and reoccurring sediment placement has been removed 8 from the proposed ecosystem restoration features. 9 The second draft report now includes 10 these revisions as well as a revised draft 11 12 environmental impact statement and updated benefit cost analysis, and suggested strategies for 13 14 implementation.

This time, we've developed a broader, 15 more holistic solution that combines manmade 16 solutions with coastal restoration projects that 17 work together to protect the coast. This 18 19 comprehensive approach is referred to as a 20 "multiple lines of defense" strategy, and can be divided into three categories: the gulf line of 21 22 defense to keep storm surge in the gulf, which 23 includes the Bolivar Roads storm surge gate 24 system, which has been designed to prevent approximately 60 percent of storm surge from 25

entering Galveston Bay, highlighting the need to implement the gate system prior to the remaining proposed features; the bay line of defense to manage water that is already in the bay and any additional storm surge that overlaps the gulf line of defense; and ecosystem restoration to enhance coastal resilience into the future.

The proposed plan provides increased 8 resiliency along the coast and is adaptable to 9 future conditions, including relative sea level 10 change. As we mentioned, the gulf defense now 11 12 includes a gate system across the Bolivar Roads inlet, and 43 miles of beach and dune systems on 13 14 the front of the peninsula and the island, as well as 2.9 miles of beach and dune structure down on 15 South Padre Island. 16

17 The bay defense includes a 15-mile ring 18 barrier around the back side of Galveston Island, 19 and mainland defenses including gates and 20 (indiscernible) stations at Dickinson Bay, Clear 21 Lake, as well as nonstructural measures on the 22 west side of Galveston Bay. 23 And the ecosystem restoration proposal

includes 8 separate sites totaling over 6600 acres of habitat restoration coast-wide.

1 The study team hosted an international 2 storm surge gate design workshop with experts from around the world to evaluate the previously-3 4 proposed gate design and suggested changes to improve safety, assure redundancy, and reduce 5 6 environmental impacts. The Bolivar Roads gate 7 system represents the most critical feature of the 8 gulf line of defense and now includes 2 650-footwide floating sector gates, 2 125-foot-wide 9 floating sector gates, 15 300-foot-wide vertical 10 lift gates, 16 shallow water environmental gate 11 12 complexes that are 16 feet by 16 feet, and tie-in structures comprising of flood walls and levees 13 14 will join the gate system to the beach and dune 15 system. The deep draft navigation sector gates 16

16 The deep draft havigation sector gates 17 across Bolivar Roads inlet will be anchored and 18 housed in man-made islands on both sides of the 19 existing and new channels. The gates will be 20 stored in dry docks within the man-made islands, 21 which will help minimize the probability of vessel 22 impacts during day-to-day activities.

As a storm approaches and a decision is made to deploy the gates, the dry docks will be flooded, allowing the gates to swing out and float

into place. Then, water will be pumped into the
 arms, sinking them into place.

Once the storm surge event has passed, the water will be pumped out of the gates and they will be floated back into their dry docks on the artificial islands.

7 The deep-draft navigation gate openings will require dredging a second deep-draft channel, 8 and are designed to be 650 feet wide each with a 9 sill depth of 60 feet. The sill depth across the 10 ship channel will allow for future deepening of 11 12 the Houston ship channel, which is currently maintained at a depth of minus 48 feet mean lower 13 14 low water. The gates will remain open year-round to maintain continuous navigation traffic. 15 The gates will only be closed when a storm surge event 16 threatens the Texas Coast or for an annual 17 maintenance check and inspection. 18

19 Smaller, 125-foot sector gates will be 20 located on each side of the larger 650-foot sector 21 gates for other vessels to travel through the 22 storm surge gate system without crossing paths 23 with the deep draft vessels. These sector gate 24 complexes will have a reinforced concrete pile 25 foundation with steel fabricated gates. When the

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1 gates are open, they are stored on the islands to 2 protect them.

The channel crossing continues with a series of vertical lift gates suspended between concrete towers. The lift gates for the Bolivar Roads crossing have 300-foot-wide openings, including 8 lift gates with a 20-foot sill depths and 7 lift gates with a 40-foot sill depth.

To the right, or north, of the vertical 9 lift gates we propose to build 16 shallow-water 10 11 environmental gates in the area nearest Bolivar 12 Peninsula where the water is 5 feet deep or less. 13 These gated structures provide multiple openings 14 to allow for tidal passages from both sides of the gates. The gates will require an access road on 15 the bay side of the structure to allow maintenance 16 crews access to the gates and operating equipment. 17 The road will consist of stainless steel 18 19 industrial grating, which will allow sunlight to pass through the water below, which reduces impact 20 21 to marine life. 22 To tie the gated structures to the land, 23 a 5300-foot-long combi wall will join the system 24 to the levee system at the end.

Beach and dune construction on West

25

Galveston Island and Bolivar Peninsula form the
 remainder of the gulf defenses. On West Galveston
 Island, this feature would tie into the existing
 Galveston sea wall and continue westerly for 18
 miles, ending at San Luis Pass.

6 On Bolivar Peninsula, the beach and dunes 7 tie into the McFaddin National Wildlife Refuge 8 Beach Ridge Restoration project, which starts 9 approximately two miles east of highway 87 and 10 continues southwest for 25 miles to the end of 11 Biscayne Beach Road, where it links into the 12 gate's levee feature.

13 Although the improved beach and dune designs provide a lower level of risk reduction 14 than the previously proposed levee system, they 15 take advantage of the natural resiliency of sand 16 systems, sustain the barrier island over time, and 17 18 strengthen the tie-in to the Bolivar Roads gate 19 system. These changes have been made in response 20 to public comments and represent a solution which minimizes environmental and social impacts while 21 22 still achieving significant coastal risk 23 reduction. 24 The proposed beach and dune features include a 14-foot landward dune and a 12-foot 25

gulfward dune with a 250-foot-wide beach system on the water side. It is important to note that this dune field construction will begin at the current dune line and build out toward the water rather than building toward people's residences.

6 The draft proposal will require 7 approximately 22 million cubic yards of sand for 8 initial beach and dune construction along Bolivar Peninsula and approximately 17 million cubic yards 9 of sand for initial beach and dune construction 10 11 along West Galveston. And approximately 22 12 million cubic yards of material will be needed for periodic nourishment along Bolivar Peninsula and 13 14 West Galveston, every 6 years for Bolivar and 15 every 7 years for West Galveston over a 50-year period of analysis, considering the intermediate 16 relative sea level change condition. 17

Currently, there are 125 authorized beach 18 19 access points, 67 vehicle crossings, and 58 20 pedestrian crossings within the proposed beach and dune systems. Existing authorized pedestrian 21 22 beach access crossings will be replaced with dune 23 walk-overs to minimize impacts from the newly-24 created dune systems. Pedestrian traffic volume will be investigated to determine an appropriate 25

1 walk-over width for the location, and all up and 2 down ramps for the crossovers would be designed to 3 be ADA compliant. Existing authorized pedestrian 4 beach access crossings will be replaced with dune 5 walk-overs to minimize impacts from the newly 6 created dune systems.

7 Vehicular ramps will be created to
8 minimize ramp length. The number of access points
9 will be in compliance with the Texas Open Beaches
10 Act.

On the lower Texas Coast, the South Padre 11 12 Island Coastal Storm Risk Management measure would 13 nourish the beach and dune along South Padre Island to reduce risks from coastal storm surge to 14 businesses, residents, and infrastructure in the 15 highly developed area of South Padre Island. 16 Beach nourishment will also maintain beach habitat 17 for nesting sea turtles and birds. The plan 18 19 proposes beach nourishment on a 10-year cycle for 20 the authorized project life of 50 years. 21 The economic analysis confirms that beach 22 nourishment is cost-effective when considering 23 construction costs, benefits, and currently 24 estimated real estate costs. 25 The Galveston sea wall improvements

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1 feature is a future adaptation to provide 2 additional storm surge and wave overtopping reduction along the existing sea wall which will 3 connect to the Bolivar Roads gate system on the 4 east, and the West Galveston beach and dune system 5 on the west. The recommendation is to increase 6 7 the height of nearly 8 miles of existing sea wall to reach a uniform level of protection of 21 feet 8 by adding curbing and drop-in gates where needed 9 on the landward side of Seawall Boulevard to 10 address the risks of overtopping. 11

12 The Galveston Bay is a large enough body 13 of water that flooding can result from wind and 14 fetch pushing water up onto Galveston Island from the back side. The Galveston ring barrier offers 15 the first component of the bay defenses to address 16 this risk. The system ties into the existing sea 17 wall and proceeds clockwise from the west end of 18 19 the sea wall north in the proximity of 103rd 20 Street to Offatts Bayou; crosses the Teichman Point area and ties into Interstate Highway 45; 21 continues east along the Harborside area to the 22 23 47th Street area; then continues north to the 24 Galveston ship channel; then continues east through the Port of Galveston to the University of 25

1 Texas medical branch; turns northward to the 2 ferry; and then back south to the sea wall. Numerous trade-offs between project cost, 3 project impacts, and overall effectiveness of the 4 ring barrier system were evaluated and made during 5 6 the refinement of the alignment. 7 The ring's flood walls and gates have been set at an elevation of 14 feet, which 8 considers the water level of the bay and wave 9 overtopping, assuming that the Bolivar Roads gate 10 11 system has been constructed in advance of a storm. 12 Since Galveston Island currently operates 13 on a gravity drainage system, the plan would add a 14 forced drainage system consisting of approximately six new pump stations to move water off the 15 16 island. The pump stations would address storm surge flooding as well as rainfall flooding during 17 18 storm events. Further, any features proposed by 19 the study are not permitted to worsen any existing 20 conditions, meaning the risk of flooding from a rain event cannot be increased with the 21 22 implementation of the ring barrier system. 23 Although the Bolivar Roads gate system 24 reduces the storm surge water of the gulf from entering Galveston Bay, residual risk exists due 25

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to the storm's pushing the Galveston Bay waters 1 The Clear Lake and Dickinson 2 onto the mainland. Bay systems are proposed as a second line of 3 defense to address this concern. The Clear Lake 4 and Dickinson Bay gate systems each consist of a 5 6 storm surge gate structure, associated flood 7 walls, and a pump station to address the residual risk that persists in the Clear Lake and Dickinson 8 9 Bayou areas.

For Clear Lake, a closure is proposed at 10 11 State Highway 146 and Clear Lake to address 12 Galveston Bay surge. The design includes a 75-13 foot sector gate and a pump station with a 14 designed capacity of 20,000 cubic feet per second. The flood wall and closure structure would start 15 on the west side of State Highway 146 near NASA 16 Road 1 and end on the south side of the outlet 17 18 near Marina Bay Drive west of State Highway 146. 19 For Dickinson Bay, a closure is proposed 20 at State Highway 146 and Dickinson Bayou to

address Galveston Bay surge. The design includes a 100-foot sector gate with a design capacity of 19,500 cubic feet per second. The flood wall and closure structure would start on the west side of State Highway 146 near Avenue T, and end on the

south side of the bayou near Waterman's Harbor,
 west of State Highway 146.

These features would include drainage outlet structures, also called circulation gates, to allow hydraulic connectivity to be maintained, except during closure for hurricane or tropical storm surge events.

8 Non-structural measures are proposed for 9 the west side of Galveston Bay, north of the Texas 10 City hurricane protection levees. Non-structural 11 measures include raising houses and/or flood-12 proofing.

The study team reviewed residential and 13 non-residential structures within the Galveston 14 Bay system that are predicted to sustain 15 significant damage during a variety of storm surge 16 flood events under the future with-project 17 condition, with the surge barrier in place. 18 Based on an evaluation of cost and 19 20 benefits and the ability to continue to buy down risk, structures still receiving damages in the 21 100-year storm surge event were recommended for 22 23 voluntary non-structural razings. About 1750 24 residential pier and slab-on-grade homes are being recommended to be razed to the future, with 25

project 100-year stage plus 1 foot; and 170 nonresidential slab foundation buildings are recommended to be flood-proofed to 3 feet above the existing ground elevation. If local floodplain standards are higher than these recommended elevations, the local standard should be followed.

The coast-wide ecosystem restoration plan 8 was formulated to restore degraded ecosystems that 9 buffer communities and industry on the Texas coast 10 11 from erosion, sinking land, and storm losses. 12 Ecosystem restoration projects address habitat 13 loss and degradation from coastal processes and 14 support the coastal storm risk management 15 components by providing a natural buffer from 16 coastal storms. Each ecosystem restoration measure represents a combination of features and 17 is formulated in a specific geographic location to 18 19 restore diverse habitats and provide multiple lines of defense. 20 21 A total of eight ecosystem restoration measures are proposed along the entire Texas Coast 22 23 that collectively provide approximately 6610 acres

of ecosystem restoration. Ecosystem restoration
measures included in the draft proposal include

1 114 miles of breakwaters; 15.2 miles of bird 2 rookery islands; 2052 acres of marsh; 12.3 miles of oyster reef; and 19.5 miles of beach and dune. 3 Here, you can see the proposed measures 4 5 for Galveston Gulf Intercoastal Waterway shoreline and island protection. 6 7 Here, you can see the proposed measures for Bolivar Peninsula and West Bay Gulf 8 Intercoastal Waterway shoreline protection and 9 island restoration. You can also see proposed 10 11 measures for Follett's Island gulf beach and dune 12 restoration. 13 Here, you can see the proposed measures 14 for East Matagorda Bay shoreline protection and 15 Keller Bay restoration. Oyster reefs, revetment and breakwaters will reduce erosion along the 16 shorelines, and sediment will be used to restore 17 18 marshes, wetlands, and islands. 19 Here, you can see the proposed measures for Powderhorn shoreline protection and wetland 20 restoration, and Redfish Bay protection and 21 22 enhancement. Again, offshore breakwaters and 23 oyster reefs will reduce erosion of the shorelines 24 and sediment will be used to restore marshes,

25 wetlands, and islands.

1 Finally, here are the proposed measures 2 for Port Mansfield Channel, Island Rookery, and hydrologic restoration of the Laguna Madre. 3 Sediment will be dredged from the channel and 4 5 placed on the beach in Mansfield Island, a bird 6 rookery island. The opened channel will restore 7 the connection between the gulf and the lagoon. While the team was able to minimize and 8 avoid many potential impacts by optimizing the 9 proposed lands, an estimated 1577.6 acres of 10 11 direct and indirect impacts to wetlands, bay 12 bottom and oyster reefs, are still anticipated 13 under the draft proposal. 14 The impacts are divided into two categories: direct and indirect. Direct impacts 15 are caused by the footprint of coastal storm risk 16 management feature construction, and indirect 17 impacts are caused by construction-induced changes 18 19 to the environment that are not within the direct 20 footprint. 21 A draft mitigation plan has been 22 developed to address the potential lost functions 23 and values of the impacted areas through the 24 creation or restoration of habitats in the area. Over 677 acres of habitat will be created, and an 25

additional 674.4 acres of existing low-quality
 habitat will be enhanced to offset potential
 direct and indirect impacts to wetland and oyster
 reefs under the draft proposal.

Potential locations for mitigation sites 5 6 have been developed by the study team, but will be 7 refined further during the pre-construction engineering and design phase. Ultimately, the 8 final size of the mitigation measures may change. 9 However, due to the conservative nature of 10 11 engineering and economic assumptions used in the 12 development of the draft proposal, it is 13 anticipated that design refinements of the 14 proposed structures will result in equal or lesser environmental impacts than currently estimated. 15 For the overall combined project, the 16 project construction cost is estimated at \$26.2 17 billion, with 67 percent of the cost allocated for 18 19 gulf defenses; 23 for bay defenses; and 10 percent 20 for ecosystem restoration. As you may notice, the total economic recovery costs from previous storms 21 22 indicate that the proposed project could very well 23 pay for itself in just one storm. 24 With the draft proposal in place, not all

25 storm damages will be prevented, only reduced. It

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is important to understand that the project will
not eliminate all risks to life and property.
Even with primary line of gulf defenses and
secondary line bay defenses, residual damages can
still occur from project exceedance events,
rainfall events, and hurricane winds and windblown debris.

Implementing the coast-wide ecosystem 8 restoration plan would result in positive effects 9 on natural resources which are institutionally, 10 11 technically and publicly recognized. Restoration 12 supports the global, national, state and locally significant resources within the area and the 13 unique services, functions and values provided by 14 these resources. Fresh, intermediate, brackish, 15 and saline marshes will be protected or enhanced 16 within a framework of marsh restoration, shoreline 17 protection stabilization, and dune beach features 18 19 that interact to provide benefits greater than 20 their costs. Together, these features would help protect against erosion and provide important 21 22 transitional estuarine habitat between upland and 23 marine environments. Restoring lost wetlands, protecting existing wetlands, and reducing the 24 profound environmental and habitat loss across the 25

study area could also help support the coastal
 storm risk management portions of the
 recommendations.

Part of the area's vulnerability to 4 5 hurricane storm surge damages is directly related 6 to the significant loss of wetlands the area has 7 experienced. Wetlands also provide important habitat that directly supports the viability of 8 threatened and endangered species; commercially 9 imported species such as fish, shrimp and crabs; 10 and the economy through the creation of and 11 12 support for industries that depend on wetlands such as fishing and hunting guides, bait and 13 14 tackle shops, birding enthusiasts, and ecotourism. Wetlands are a unique yet imperiled ecosystem in 15 the nation, and the coastal areas of Texas have 16 experienced a tremendous loss of this important 17 habitat. 18

19 Implementing the Galveston Bay storm 20 surge barrier system to reduce financial damages 21 from hurricane storm surge in the study area, 22 serves multiple purposes. First, it would help 23 lessen the financial and social impacts that 24 tropical storms and hurricanes can cause by 25 reducing the risk of property damage that

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1 displaces residents, shuts down commercial and 2 industrial services, and disrupts livelihoods. Ιf structures avoid or experience less damage because 3 of the draft proposal, families and businesses can 4 rebound much more quickly after a tropical event. 5 6 Second, time, money and energy would not 7 be lost to repairing structures damaged by storm surge, relocating to other areas due to 8 displacement from a home or business, or 9 disruptions in community cohesiveness. 10 The draft 11 proposal would also help to ensure that the 12 economy and the region's critical infrastructure would continue to operate after a storm, and the 13 14 stress and hardship associated with a hurricane 15 storm surge would be decreased. Under the future without-project 16 conditions, approximately 250 critical 17 infrastructure sites would be impacted during a 18 19 100-year event. With the project in place, only about 95 critical infrastructure sites would be 20 impacted under the same event. 21 22 Third, each coastal storm risk management 23 measure has a strong benefit/cost ratio, or BCR, 24 with a 2.74 BCR for South Padre and 1.96 BCR for Galveston Bay. The combined BCR for the CSRM 25

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1 measures is 1.96. A BCR over one indicates the 2 benefits of the project exceeds the costs, which is a requirement for federal investment. And most 3 4 critically, if damages from storms were 5 distributed equally across all 50 years of the 6 study, the Galveston Bay storm surge barrier 7 system is anticipated to reduce average annual 8 damages by \$2.28 billion per year.

9 That concludes the presentation portion 10 of today's meeting. We will now begin the 11 commenting period.

As a reminder, if you have not registered to speak during the meeting today and would like to, you may do so at any time by using the raise hand feature located at the bottom of the Webex participant list or dialing star-three if you are joining us only by phone.

Due to the nature of today's virtual 18 19 meeting, the formal public commenting portion of today's meeting will be conducted in the following 20 way. First, federal, state and local elected 21 officials who wish to speak will be called on to 22 23 do so. Then, anyone else who has indicated a 24 desire to speak will be given the same opportunity. We will then call on each member of 25

the public who has signed up to speak by the name used during the meeting registration or by the last four digits of your phone number if you are only joining us by phone.

5 Each speaker will be given two minutes to 6 make their comments. A countdown timer will be 7 displayed on the meeting broadcast screen for each 8 speaker to indicate the remaining time.

9 As your time ends, please be courteous to 10 the other members of the public who wish to 11 provide comments and quickly wrap up your comments 12 to ensure that everyone who would like to speak 13 has the opportunity to do so.

14 If you do not need the entire time 15 allotted, help us to include everybody by only 16 using the time you need. If you complete your 17 comments in less than two minutes, we will restart 18 the clock for the next speaker. Remaining time 19 cannot be reserved or transferred to another 20 speaker.

Please keep in mind that we reserve the right to mute your microphone if this instruction is not followed. We ask that you support us in conducting a respectful, orderly, and courteous meeting. We want to be sure we get all your

comments recorded, and we need your cooperation to
 do so. Here are a few ground rules for the
 meeting today.

Since this meeting is being held
virtually, we will keep all participant
microphones muted to avoid any background noise
that may make the presentation difficult to hear.
Connor will notify you when your microphone has
been unmuted. Please make sure you have also
unmuted your phone.

11 When it is your opportunity to speak, 12 please state and spell your first and last name. 13 We will not respond today to the comments 14 submitted. However, all comments made today will 15 be documented and reflected in the development of 16 the final feasibility report and EIS.

Just a reminder, you may not defer your time to others. The public meeting will adjourn at 1:00 p.m. If you have additional comments that you would like to submit beyond what you are able to address during your comment period, please submit them in writing.

23 Speakers will be called on to provide 24 comments in the order in which they have signed 25 up. We will announce upcoming speakers in groups

of five, so you are aware of when you will be 1 2 called to speak. If you do not wish to provide a comment today but would like to submit comments to 3 the project team, there are other ways to do so. 4 You have the option to submit comments through 5 mail and email online through the project website. 6 7 All comments received during the formal commenting period through December 14, 2020, will carry the 8 same weight as the comments submitted today. You 9 do not have to submit a comment today, and you 10 11 will be heard just as clearly as those who spoke 12 today. Additional information about submitting 13 14 comments is provided on the project website. 15 (Recording ends) MR. STOKES: We will now begin the 16 comment period for today's public meeting. 17 As a reminder, we are here to receive 18 19 your comments to the revised draft proposal, but 20 the study team will not be responding to comments or answering questions. 21 22 And I'd just like to clarify: at the end 23 of the video presentation there, we stated that 24 the comment period was ending December 14, 2020, and that has since been extended to January 13, 25

2021. So apologies there for the confusion, but
 that has been extended to, again, January 13,
 2021.

Since we do not have any public officials
who have signed up to speak, we will proceed with
comments from the public.

7 And at this time we only have one 8 registered speaker. So I do encourage the folks 9 who are still in attendance with us to go ahead 10 and sign up to speak, if you would like to, by 11 using that raise hand feature at the bottom of the 12 Webex participant list or, again, if you're only 13 joining by phone, dialing star-three.

14 Our first speaker, our first and only15 speaker as of right now is Tonya Rolf.

16 Tonya, your microphone is now unmuted, 17 and you can begin providing comments at this time. 18 MS. ROLF: I have no comments. Thank 19 you.

20 MR. STOKES: Thank you, Tonya. Your 21 microphone is now back on mute.

Again, we do not have any more registered speakers. So I encourage those of you who would like to speak and have not signed up to do so to use that raise hand feature on the Webex

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participant list or dial star-three if you're only joining by phone. And I would like to give a few more moments for folks to do so, if they would like.

5 In the meantime, again, we do have 6 another meeting this evening from 6:00 to 8:00 7 p.m., if you decide to provide comments at that time, if you think of something between now and 8 then. And then also, additionally, you can submit 9 comments in writing through email and by mail, and 10 that information is available on the study website 11 12 at coastalstudy.texas.gov.

And again, I'd like to give a few moments for anyone who would like to speak to go ahead and register to do so. I'm not seeing any hands at the moment.

17 (Pause)

Still not seeing any hands. So at this 18 19 time the formal commenting period has ended. All 20 statements placed in the record will be given consideration. It should be noted that comments 21 22 can be submitted at any time during the NEPA 23 process, but only those submitted during this and 24 the previous formal review and comment periods will be included in the summary reports and 25

considered in the development of the final proposal. I thank you for your participation today and the interest that you have shown in the Coastal Texas Study. Still seeing no hands to sign up to speak, this public meeting is now adjourned. (END OF VIDEO FILE) 

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1	CERTIFICATE OF TRANSCRIPTIONIST	
2	I certify that the foregoing is a true	
3	and accurate transcript of the digital recording	
4	provided to me in this matter.	
5	I do further certify that I am neither a	
6	relative, nor employee, nor attorney of any of the	
7	parties to this action, and that I am not	
8	financially interested in the action.	
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13	Julie Thompson, CET-1036	
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# Virtual Public Meeting Transcript

December 8, 2020, 6 – 8 p.m.

## COASTAL TEXAS STUDY

DECEMBER 8, 2020

6:00 P.M.

1 MR. STOKES: Good evening. And thank you 2 all for joining us. On behalf of the project team, we thank you for your time and interest in 3 the Coastal Texas Protection and Restoration 4 Feasibility Study or Coastal Texas Study. 5 6 My name is Connor Stokes. I will be 7 assisting the U.S. Army Corps of Engineers and 8 Texas General Land Office with tonight's public meeting. 9 Before we proceed with our agenda, I 10 11 would like to acknowledge the project team members 12 in attendance today. From the U.S. Army Corps of 13 Engineers, we are joined by Colonel Timothy Vail, Commander of the U.S. Army Corps of Engineers 14 Galveston District, and Kelly Burks-Copes, U.S. 15 Army Corps of Engineers Project Manager. 16 17 And from the Texas General Land Office, we are joined by Mark Havens, Chief Clerk and 18 19 Deputy Land Commissioner, and Tony Williams, 20 Deputy Director - Coastal Field Operations. 21 During the meeting tonight, Colonel 22 Timothy Vail and Mark Havens will provide opening 23 remarks, followed by a presentation about the 24 revised draft proposal from the Corps of Engineers and Texas General Land Office. 25

1 After the presentation, you'll be 2 provided with the opportunity to speak directly to 3 the project team. If you did not sign up to speak when you registered for tonight's meeting, you may 4 5 do so at any time during the meeting by using the 6 raise hand feature located at the bottom of the Webex participant list. Please see the screen for 7 8 additional instruction about using the raise hand feature through Webex. 9

For individuals who have only called in through the phone, you have the option to sign up to speak by dialing star-three. You may also submit written comments through mail and email. Mailing address information and the project email address can be found online through the project website.

17 Speakers will be called on to provide 18 comments in the order in which they have signed 19 up. We will announce upcoming speakers in groups 20 of five, so you are aware of when you will be 21 called to speak.

22 We will now begin the presentation 23 portion of the meeting with opening remarks from 24 Colonel Timothy Vail, Commander of the U.S. Army 25 Corps of Engineers Galveston District, and Mark

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Havens, Chief Clerk and Deputy Land Commissioner 1 of the Texas General Land Office. 2 3 Colonel Vail. COLONEL VAIL: Thanks, Connor. 4 Good evening, everyone. It looks like we 5 6 have some good attendees tonight. I want to 7 welcome you all to the sixth formal public comment period for the Coastal Texas Study. 8 Before we get started, a couple key 9 administrative points I'd like to just point out. 10 If you haven't had a chance to really invest some 11 12 time into the Coastal Study website, I encourage 13 you to do so. I'm very proud of what the team has put together in terms of tools to communicate the 14 extent of the draft feasibility study and 15 16 environmental impact statement on the website at coastalstudy.texas.gov, just some very powerful 17 18 tools that allow you to drill down very deeply and 19 interact in a geospatial time framework with the 20 components of the study itself. So I'd refer you 21 to those. 22 This formal public comment period tonight 23 is very complementary to the question and answer 24 I'd say we have a lot of continued sessions. engagement going forward beyond this, but this is 25

4

a necessary component to receive your formal
 public comments as part of our formal process this
 evening. And I look forward to capturing all
 those formal comments.

But what I get to do up front -- first, I 5 quess I'd also address: we have received many 6 7 requisitions from public officials to constituents at large requesting a little bit more time to make 8 those formal comments. So up until the 13th of 9 January now, we'll accept any written comments 10 11 that are postmarked by the 13th of January or any 12 comments submitted to the Coastal Study website by the 13th of January. So we've gone ahead and 13 14 provided an additional 30 days to make those comments based on your request and from what we've 15 received so far. 16

17 I do want to provide some context to the 18 Coastal Texas Study and what you're going to 19 receive tonight in the picture of everything that's going on in terms of broad based Texas 20 Coast resiliency. As most of you that are 21 22 initiate with the efforts of the Army in the state 23 of Texas are familiar with -- really what we have 24 is kind of the culmination of really a decade-plus long's worth of effort following some significant 25

storm events from Hurricane Katrina, to Hurricane 1 2 Rita, to Hurricane Ike that really started with the coalition of county officials coming together 3 as a team to say that our coast, while it's 4 expanding and continues to expand in terms of 5 economic opportunity, also needs to start to 6 7 establish a framework to have the most resilient coast possible for generations to come. And we 8 need a contrast to the damages that we saw after 9 those events along the Gulf Coast, particularly 10 11 Hurricane Ike.

12 So that started really discussion on what 13 a resilient Texas Coast really needs to have, and 14 as it stands a lot has really transpired since And where we sit today is really to talk 15 then. 16 about really the third component of a multicomponent coastal resiliency plan that the Army 17 18 Corps of Engineers and Texas General Land Office 19 have put together.

The first component that's already underway is known as the Sabine Pass to Galveston Bay projects. If you're not familiar with those projects, what local counties -- county drainage districts, and the Texas General Land Office, and the Army Corps of Engineers are doing, in Orange

County we are designing and constructing an
 entirely new coastal storm risk mitigation system
 for Orange County.

In Port Arthur, Texas, we're raising the existing coastal storm risk mitigation project that already exists in Port Arthur to provide an increased level of protection that will provide a level of protection for much more substantial storms than it was originally designed for.

10 And the same goes down in Freeport. We 11 have an existing coastal storm risk management 12 project in Freeport where we're also increasing 13 the level of protection that that system provides 14 by improving that system and raising it somewhat 15 substantially going forward.

So that's kind of the first leg, and 16 that's called the Sabine Pass to Galveston Bay 17 18 projects. Those were funded by act of Congress in 19 2018, fully funded upfront with the State of Texas matching its non-federal cost share through its 20 biannual appropriations process. So those are 21 22 well under way in terms of design and construction 23 already moving forward.

24 The second real piece to this coastal 25 resiliency effort, we've completed a study for a

consolidated ecosystem restoration project within 1 2 Jefferson County where we're looking to restore an extensive amount of coastal estuary environment 3 that will provide a natural engineer nature-based 4 5 alternative in terms of enhancing the overall resilience of the coast through natural solutions. 6 7 We hope to see that authorized by Congress in its next Water Resource Development Act, and then 8 we'll move forward and start delivering that 9 10 ecosystem restoration project. 11 Coastal Texas in the study you're going 12 to hear tonight really brings about the balance of the Texas Coast from Bolivar all the way down to 13 14 Lower Laguna Madre. Tonight we're going to present to you the 15 16 \$26.2 billion project known as Coastal Texas that has really four separable elements to it. 17 The first real component, set of 18 19 components that you're going to hear about tonight 20 are the gate structures. So that's the surge gates to keep the ocean in the ocean that goes 21 22 across from the existing sea wall to the Bolivar 23 Peninsula across the Houston-Galveston ship 24 channel and then a series of gate structures in the interbay to prevent incidental surge up 25

1 Dickinson and Clear Lake.

2	The second main component you'll hear
3	about tonight is the ring barrier system around
4	the city of Galveston and Galveston Island proper.
5	It's to provide some bayside defenses moving
6	forward.
7	The third component is really the 42
8	miles of double dune system that run up the extent
9	to Bolivar Peninsula to McFadden and down the sea
10	wall to the San Luis Pass.
11	And then the fourth element you'll hear
12	about tonight is the extent of ecosystem
13	restoration projects that are part of the overall
14	Coastal Texas Study that extend from Galveston Bay
15	all the way to the Lower Laguna Madre.
16	I think it's important as the Commander
17	to emphasize the real high level stuff to you. So
18	what I want to talk very briefly about is what we
19	have tonight and what we're presenting to you in
20	the study from the Army and the Texas General Land
21	Office is a plan that, above all things, I like to
22	say is competitive. It's competitive for federal
23	investment based on federal interest. It's
24	largely our broad responsibility when we do these
25	studies to optimize the direct economic benefits

with the direct costs under the framework of
 federal policy known as the national economic
 development model.

4 One of our most important governing 5 priorities, since we do have a plan right now that 6 is competitive for federal investment, is to make 7 a recommendation also that can actually be implemented. So very briefly I want to talk about 8 implementation, should the study be authorized, 9 and what we're doing for preparing about 10 11 implementation going forward.

12 So we are actively working on an 13 implementation strategy that consists, first, of 14 the state legislature working together this summer 15 to potentially create a non-federal entity that will partner with the Corps of Engineers for 16 follow on design and then ultimately construction 17 18 of the components of the Coastal Texas Study. 19 Second, we are -- we have received an 20 approval from the administration on a framework to continue the environmental analysis that has begun 21 22 in a broad framework with the release of this 23 draft EIS. We have a lot more site-specific 24 environmental analysis that needs to be completed, and the framework and timeline for completing that 25

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has been approved by the administration. So we're moving forward in terms of planning that out, and much of that will be done in the next phase of the process once it's been authorized.

5 And then, finally, we're working on 6 really the timeline for authorization in fiscal 7 year '22 or the year 2022 and then commencing the 8 preliminary engineering and design and 9 supplemental environmental analysis in the year 10 2023.

I will tell you, from where I sit, as 11 12 someone who is active as the Commander of the Galveston District for almost 120 days during 13 14 hurricane season, running up and down the coast as 15 we've seen just a tremendous amount of activity in the gulf this summer, there's a huge sense of 16 17 urgency on our part. It was one of the most 18 active tropical seasons we've seen in a 19 generation. We had some very close calls this 20 year. So we're carrying kind of that spirit and sense of urgency into this study. 21 22 But I would be remiss if I didn't just 23 emphasize the tremendous leadership we've seen 24 from the State of Texas, particularly through our partner, the Texas General Land Office. Without 25

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1 their dedication and critical leadership and 2 really championing an overall compensative resilient Texas Coast, we wouldn't be where we are 3 4 today. 5 So with that, I think we have a message 6 from the Texas General Land Office following this. 7 So, Connor? MR. HAVENS: Hello. My name is Mark 8 Havens, Deputy Land Commissioner and Chief Clerk 9 of the Texas General Land Office. Thank you for 10 coming out to the second public comment period for 11 12 the Coastal Texas Protection and Restoration 13 Feasibility Study, also known as the Coastal Texas 14 Study. Addressing issues on the Texas Coast, 15 16 including storm surge and ecosystem enhancement continues to be one of the top priorities for 17 Texas Land Commissioner, George P. Bush. 18 19 Now you may be asking why is the GLO 20 involved in this study at all? The Land Office was established to manage state-owned land, 21 22 including submerged land under tidal influence out 23 to over 10 miles offshore. 24 The Land Office is also the state agency responsible for the coastal management program, 25

Coastal Erosion Planning and Response Act
 implementation, beach and dune protection, oil
 spill response in state waters, and certain roles
 in disaster recovery as well.

5 In November of 2015, GLO signed an 6 agreement with the Corps of Engineers to be the 7 local partner for this Coastal Texas Study. The 8 Land Office committed to working with the Corps of Engineers to develop a plan to increase the 9 resiliency of the Texas Coast through an 10 11 integrated approach that include ecosystem 12 restoration and enhancement in storm surge barrier. 13

14 We're here today to say we heard you. The study team has been hard at work reevaluating 15 proposed feature to address public comments from 16 the first comment period. Today we're sharing our 17 18 progress with you. There have been numerous 19 changes to the plan in response to your comments. 20 We look forward to sharing our progress on changes to the study, and we want you to leave feeling 21 22 engaged, informed, and heard. 23 Thank you, again, for taking the time to 24 attend this public comment period, and we look

25 forward to hearing your thoughts.

1 MR. STOKES: Thank you, Colonel Vail and 2 Mr. Havens. We will now proceed with the Coastal 3 Texas Study presentation, describing the revised 4 5 draft proposal. 6 (Recording begins) 7 RECORDING: Welcome to the presentation of the Draft Feasibility Report and Draft 8 Environmental Impact Statement for the Coastal 9 Texas Protection and Restoration Feasibility 10 11 Study, also known as the Coastal Texas Study. 12 This presentation is intended to give you information about the draft proposal identified in 13 14 the draft feasibility report and draft environmental impact statement, or the DEIS, 15 prepared by the U.S. Army Corps of Engineers in 16 collaboration with the Texas General Land Office. 17 18 Along the Texas Coast, vital resources critical to the social, economic and environmental 19 welfare of the nation are at risk from damage by 20 tropical storms. 21 22 When tropical disturbances negatively 23 impact the Texas Coast, the immediate fallout and 24 the continued aftermath affects not only the people who live in these coastal counties but also 25

the entire nation. It is critical that we take
 action now to avoid the destruction that future
 storms will bring.

That's exactly why the U.S. Army Corps of Engineers has partnered with the Texas General Land Office to identify and recommend feasible projects to reduce risks to public health and the economy, restore critical ecosystems, and to make the Texas coastline more resilient.

The Coastal Texas Study was initiated in 10 11 2014 to evaluate large-scale coastal storm risk 12 management and ecosystem restoration actions aimed 13 at providing the coastal communities of Texas with 14 multiple lines of defense from a wide array of coastal hazards. This study falls under the 15 USACE's civil works mission which includes, but is 16 not limited to, inland and coastal flood risk 17 18 management and restoration protection and 19 management of aquatic ecosystems.

The study area consists of the entire Texas gulf coast, from the mouth of the Sabine River to the mouth of the Rio Grande, and includes the gulf and tidal waters, barrier islands, estuaries, coastal wetlands, rivers and streams, and adjacent areas that together make up what we

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1 refer to as the Texas Coast.

2	In November 2015, the U.S. Army Corps of
3	Engineers entered into an agreement to officially
4	designate the Texas General Land Office as the
5	non-federal sponsor, and begin development of a
6	feasibility study and environmental impact
7	statement. The Coastal Texas Study team was
8	officially formed, comprising of the U.S. Army
9	Corps of Engineers and the Texas General Land
10	Office.
11	The study phase, or the phase in which we
12	determine the best course of action to protect the
13	Texas Coast, includes a series of reports that
14	explain the findings of the study and a proposed
15	plan of action. In fall 2018, the study team
16	released the first draft report and the draft
17	environmental impact statement.
18	Based on the input received during the
19	public review and comment period in late 2018 into
20	early 2019, the study team began revising the
21	draft proposal to integrate public comments and
22	feedback. As this second draft proposal was
23	formulated, the study team continued to seek
24	further public input through the establishment of
25	four community working groups led by the GLO as

1 well as a number of targeted stakeholder meetings.

2 In addition, three public open houses were held in February 2020 across the upper coast 3 4 to help inform the public. The study team will continue to review and address the input received 5 6 from the public and resource agencies to produce 7 the final feasibility report and environmental impact statement, which is anticipated to be 8 published in May of 2021. The final report will 9 be signed by the chief of the Corps of Engineers 10 in June 2021, which will mark the end of the study 11 12 phase.

After the study phase, the recommended plan will be proposed for congressional authorization and funding. If approved and funded by Congress, the recommended plan would then be designed and constructed over a period of 12 to 20 years, depending on congressional authorization, appropriations, and non-federal partnerships.

20 The project would be maintained after 21 construction by a local sponsor or sponsors who 22 have not yet been determined.

To comply with the National Environmental Policy Act, or NEPA, a federal agency must prepare an environmental impact statement if it is

proposing actions that may significantly affect the quality of the natural and human environment. The NEPA environmental review process seeks to facilitate better informed decisions, focused on avoiding, minimizing and/or mitigating potentially negative impacts of federal action.

7 For the Coastal Texas Study, the U.S. Army Corps of Engineers is following a tiered NEPA 8 The final EIS will be published with the 9 process. final feasibility report in 2021, and supplemental 10 NEPA compliance documents will be prepared and 11 12 published for public review as the project is 13 designed. This means that the public will have 14 additional opportunities to engage with the team, review revised plans, and provide feedback. 15 16 In accordance with U.S. Army Corps of Engineers planning guidelines and NEPA 17 18 requirements, a proactive approach was taken to 19 engage the public, resource agencies, industry, local governments, and other interested parties 20 throughout the Coastal Texas Study planning 21 22 This included regular and continued process. 23 coordination over the study period. 24 Starting in 2014, during the

25 reconnaissance phase, a series of scoping meetings

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were held, and now, a series of virtual public 1 2 meeting are being held to review and finalize the second draft proposal and draft EIS. Engagement 3 activities have proven to be integral to the 4 planning process, as they have generated thousands 5 6 of comments and suggestions which informed study 7 planners of key concerns and helped to shape and 8 refine the draft proposal.

9 Most significantly, public input received 10 on the first draft integrated feasibility report 11 and EIS in 2018, and consideration of community 12 impacts, led to refinements in plan formulation 13 which resulted in the revised draft proposal 14 presented today.

Public comments received in the current 15 review will be evaluated and documented in the 16 final feasibility report and EIS. The public will 17 continue to be informed during the design phase 18 19 that occurs after the study phase. The impacts to 20 the environment will be assessed as the project is designed. The impacts to the environment will 21 disclose site-specific impacts associated with the 22 23 proposed solution and identify the avoidance, 24 minimization, and compensatory mitigation efforts to lessen adverse effects. In addition, the 25

1 updated documents will undergo formal public 2 review periods and resource agency coordination. The Texas Coast is vulnerable to tropical 3 storms and hurricanes that can take human lives. 4 flood homes and businesses, and damage coastal 5 The damages from hurricanes and 6 ecosystems. 7 tropical storms could become more severe as wind speed is projected to increase with higher sea 8 levels and rising ocean temperatures. When 9 tropical disturbances negatively impact the Texas 10 Coast, they affect not only the people who live in 11 12 these coastal counties but the entire nation. The 13 Texas Coast is an economic engine, home to ports, oil and gas refineries, corporate headquarters, 14 military bases, fuel supply and refinery 15 16 complexes, and numerous other enterprises. 17 The shutdown of even a single Texas port can impact state and national economies for a 18 19 significant period of time, as experienced in 2008 20 when Hurricane Ike's storm surge and heavy winds significantly impacted Brazoria, Chambers, 21 22 Galveston, Harris, Jefferson and Orange counties. 23 The Coastal Texas Study team recognizes 24 that the natural physical features and processes are interconnected with the man-made features 25

within the coastal Texas region. Population and 1 2 industry grew in this region specifically because these features supported economic growth. 3 However, erosion and storm surge reduce the 4 protection these barrier systems provide to the 5 6 coast. Relative sea level change increases the 7 vulnerability of these systems even further. Risk reduction measures designed to sustain natural 8 features and reduce inundation and erosion risks 9 can be achieved at lower cost when implemented 10 before conditions deteriorate further. 11 12 After the first draft proposal was released in October of 2018 for public comment, 13 14 policy review and agency technical review, 15 multiple changes were considered and developed to reduce impacts and costs of the revised plan. 16 Most significantly, the plan no longer includes 17 the originally-proposed levee flood wall segments 18 19 that would have paralleled State Highway 87 on Bolivar Peninsula and FM 3005 on Galveston Island. 20 These segments were dropped from the plan to 21 22 minimize both social and environmental impacts. Instead, the draft proposal now includes 23 24 the Bolivar and West Galveston beach and dune system, a double dune system designed to provide 25

1 both storm surge risk reduction and ecosystem 2 restoration benefits.

Among other changes at the Bolivar Roads 3 4 Crossing, a second 60-foot-deep navigation channel 5 and two 650-foot-wide draft surge gates are now proposed instead of a 1200-foot-wide gate. 6 The 7 estimated refinements of the Bolivar Roads gate system have reduced the constriction of flow 8 between the bay and gulf, down from 27.5 percent, 9 to 7 to 10 percent. This, in turn, has reduced 10 11 the anticipated environmental impacts to the 12 Galveston Bay's ecosystems and has reduced the amount of mitigation now necessary to offset 13 14 losses.

The Galveston ring barrier system has 15 16 been realigned to reduce impacts to surrounding neighborhoods and incorporate more areas, and 17 reoccurring sediment placement has been removed 18 19 from the proposed ecosystem restoration features. 20 The second draft report now includes these revisions as well as a revised draft 21 22 environmental impact statement and updated benefit 23 cost analysis, and suggested strategies for 24 implementation. This time, we've developed a broader,

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1 more holistic solution that combines manmade solutions with coastal restoration projects that 2 work together to protect the coast. 3 This comprehensive approach is referred to as a 4 5 "multiple lines of defense" strategy, and can be 6 divided into three categories: the gulf line of defense to keep storm surge in the gulf, which 7 8 includes the Bolivar Roads storm surge gate system, which has been designed to prevent 9 approximately 60 percent of storm surge from 10 entering Galveston Bay, highlighting the need to 11 12 implement the gate system prior to the remaining 13 proposed features; the bay line of defense to 14 manage water that is already in the bay and any additional storm surge that overlaps the gulf line 15 of defense; and ecosystem restoration to enhance 16 coastal resilience into the future. 17

18 The proposed plan provides increased 19 resiliency along the coast and is adaptable to future conditions, including relative sea level 20 change. As we mentioned, the gulf defense now 21 22 includes a gate system across the Bolivar Roads 23 inlet, and 43 miles of beach and dune systems on 24 the front of the peninsula and the island, as well as 2.9 miles of beach and dune structure down on 25

1 South Padre Island.

2	The bay defense includes a 15-mile ring
3	barrier around the back side of Galveston Island,
4	and mainland defenses including gates and
5	(indiscernible) stations at Dickinson Bay, Clear
6	Lake, as well as nonstructural measures on the
7	west side of Galveston Bay.
8	And the ecosystem restoration proposal
9	includes 8 separate sites totaling over 6600 acres
10	of habitat restoration coast-wide.
11	The study team hosted an international
12	storm surge gate design workshop with experts from
13	around the world to evaluate the previously-
14	proposed gate design and suggested changes to
15	improve safety, assure redundancy, and reduce
16	environmental impacts. The Bolivar Roads gate
17	system represents the most critical feature of the
18	gulf line of defense and now includes 2 650-foot-
19	wide floating sector gates, 2 125-foot-wide
20	floating sector gates, 15 300-foot-wide vertical
21	lift gates, 16 shallow water environmental gate
22	complexes that are 16 feet by 16 feet, and tie-in
23	structures comprising of flood walls and levees
24	will join the gate system to the beach and dune
25	system.

1 The deep draft navigation sector gates 2 across Bolivar Roads inlet will be anchored and 3 housed in man-made islands on both sides of the 4 existing and new channels. The gates will be 5 stored in dry docks within the man-made islands, 6 which will help minimize the probability of vessel 7 impacts during day-to-day activities.

8 As a storm approaches and a decision is 9 made to deploy the gates, the dry docks will be 10 flooded, allowing the gates to swing out and float 11 into place. Then, water will be pumped into the 12 arms, sinking them into place.

13 Once the storm surge event has passed, 14 the water will be pumped out of the gates and they 15 will be floated back into their dry docks on the 16 artificial islands.

17 The deep-draft navigation gate openings will require dredging a second deep-draft channel, 18 and are designed to be 650 feet wide each with a 19 sill depth of 60 feet. The sill depth across the 20 ship channel will allow for future deepening of 21 the Houston ship channel, which is currently 22 23 maintained at a depth of minus 48 feet mean lower 24 low water. The gates will remain open year-round to maintain continuous navigation traffic. 25 The

gates will only be closed when a storm surge event
 threatens the Texas Coast or for an annual
 maintenance check and inspection.

Smaller, 125-foot sector gates will be 4 5 located on each side of the larger 650-foot sector gates for other vessels to travel through the 6 7 storm surge gate system without crossing paths with the deep draft vessels. These sector gate 8 complexes will have a reinforced concrete pile 9 foundation with steel fabricated gates. 10 When the 11 gates are open, they are stored on the islands to 12 protect them.

The channel crossing continues with a 13 series of vertical lift gates suspended between 14 concrete towers. The lift gates for the Bolivar 15 Roads crossing have 300-foot-wide openings, 16 including 8 lift gates with a 20-foot sill depths 17 and 7 lift gates with a 40-foot sill depth. 18 19 To the right, or north, of the vertical 20 lift gates we propose to build 16 shallow-water

21 environmental gates in the area nearest Bolivar
22 Peninsula where the water is 5 feet deep or less.
23 These gated structures provide multiple openings
24 to allow for tidal passages from both sides of the
25 gates. The gates will require an access road on

1 the bay side of the structure to allow maintenance 2 crews access to the gates and operating equipment. The road will consist of stainless steel 3 industrial grating, which will allow sunlight to 4 5 pass through the water below, which reduces impact 6 to marine life. 7 To tie the gated structures to the land, a 5300-foot-long combi wall will join the system 8 to the levee system at the end. 9 Beach and dune construction on West 10 Galveston Island and Bolivar Peninsula form the 11 12 remainder of the gulf defenses. On West Galveston 13 Island, this feature would tie into the existing Galveston sea wall and continue westerly for 18 14 miles, ending at San Luis Pass. 15 On Bolivar Peninsula, the beach and dunes 16 tie into the McFaddin National Wildlife Refuge 17 Beach Ridge Restoration project, which starts 18 19 approximately two miles east of highway 87 and continues southwest for 25 miles to the end of 20 Biscayne Beach Road, where it links into the 21 22 gate's levee feature. Although the improved beach and dune 23 24 designs provide a lower level of risk reduction than the previously proposed levee system, they 25

1 take advantage of the natural resiliency of sand 2 systems, sustain the barrier island over time, and strengthen the tie-in to the Bolivar Roads gate 3 system. These changes have been made in response 4 to public comments and represent a solution which 5 6 minimizes environmental and social impacts while 7 still achieving significant coastal risk 8 reduction.

9 The proposed beach and dune features 10 include a 14-foot landward dune and a 12-foot 11 gulfward dune with a 250-foot-wide beach system on 12 the water side. It is important to note that this 13 dune field construction will begin at the current 14 dune line and build out toward the water rather 15 than building toward people's residences.

The draft proposal will require 16 approximately 22 million cubic yards of sand for 17 initial beach and dune construction along Bolivar 18 19 Peninsula and approximately 17 million cubic yards of sand for initial beach and dune construction 20 along West Galveston. And approximately 22 21 22 million cubic yards of material will be needed for 23 periodic nourishment along Bolivar Peninsula and 24 West Galveston, every 6 years for Bolivar and every 7 years for West Galveston over a 50-year 25

period of analysis, considering the intermediate
 relative sea level change condition.

Currently, there are 125 authorized beach 3 4 access points, 67 vehicle crossings, and 58 pedestrian crossings within the proposed beach and 5 6 dune systems. Existing authorized pedestrian 7 beach access crossings will be replaced with dune 8 walk-overs to minimize impacts from the newlycreated dune systems. Pedestrian traffic volume 9 will be investigated to determine an appropriate 10 walk-over width for the location, and all up and 11 12 down ramps for the crossovers would be designed to 13 be ADA compliant. Existing authorized pedestrian 14 beach access crossings will be replaced with dune 15 walk-overs to minimize impacts from the newly 16 created dune systems.

Vehicular ramps will be created to
minimize ramp length. The number of access points
will be in compliance with the Texas Open Beaches
Act.

21 On the lower Texas Coast, the South Padre 22 Island Coastal Storm Risk Management measure would 23 nourish the beach and dune along South Padre 24 Island to reduce risks from coastal storm surge to 25 businesses, residents, and infrastructure in the

1 highly developed area of South Padre Island. 2 Beach nourishment will also maintain beach habitat for nesting sea turtles and birds. The plan 3 proposes beach nourishment on a 10-year cycle for 4 the authorized project life of 50 years. 5 The economic analysis confirms that beach 6 7 nourishment is cost-effective when considering construction costs, benefits, and currently 8 estimated real estate costs. 9 The Galveston sea wall improvements 10 11 feature is a future adaptation to provide 12 additional storm surge and wave overtopping 13 reduction along the existing sea wall which will 14 connect to the Bolivar Roads gate system on the east, and the West Galveston beach and dune system 15 on the west. The recommendation is to increase 16 the height of nearly 8 miles of existing sea wall 17 to reach a uniform level of protection of 21 feet 18 19 by adding curbing and drop-in gates where needed on the landward side of Seawall Boulevard to 20 address the risks of overtopping. 21 22 The Galveston Bay is a large enough body 23 of water that flooding can result from wind and 24 fetch pushing water up onto Galveston Island from the back side. The Galveston ring barrier offers 25

the first component of the bay defenses to address 1 2 this risk. The system ties into the existing sea wall and proceeds clockwise from the west end of 3 the sea wall north in the proximity of 103rd 4 Street to Offatts Bayou; crosses the Teichman 5 Point area and ties into Interstate Highway 45; 6 7 continues east along the Harborside area to the 47th Street area; then continues north to the 8 Galveston ship channel; then continues east 9 through the Port of Galveston to the University of 10 Texas medical branch; turns northward to the 11 12 ferry; and then back south to the sea wall. 13 Numerous trade-offs between project cost, 14 project impacts, and overall effectiveness of the 15 ring barrier system were evaluated and made during the refinement of the alignment. 16 17 The ring's flood walls and gates have been set at an elevation of 14 feet, which 18 considers the water level of the bay and wave 19 20 overtopping, assuming that the Bolivar Roads gate system has been constructed in advance of a storm. 21 22 Since Galveston Island currently operates 23 on a gravity drainage system, the plan would add a 24 forced drainage system consisting of approximately six new pump stations to move water off the 25

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1 island. The pump stations would address storm
2 surge flooding as well as rainfall flooding during
3 storm events. Further, any features proposed by
4 the study are not permitted to worsen any existing
5 conditions, meaning the risk of flooding from a
6 rain event cannot be increased with the
7 implementation of the ring barrier system.

Although the Bolivar Roads gate system 8 reduces the storm surge water of the gulf from 9 entering Galveston Bay, residual risk exists due 10 to the storm's pushing the Galveston Bay waters 11 12 onto the mainland. The Clear Lake and Dickinson 13 Bay systems are proposed as a second line of 14 defense to address this concern. The Clear Lake 15 and Dickinson Bay gate systems each consist of a 16 storm surge gate structure, associated flood 17 walls, and a pump station to address the residual risk that persists in the Clear Lake and Dickinson 18 19 Bayou areas.

For Clear Lake, a closure is proposed at State Highway 146 and Clear Lake to address Galveston Bay surge. The design includes a 75foot sector gate and a pump station with a designed capacity of 20,000 cubic feet per second. The flood wall and closure structure would start

on the west side of State Highway 146 near NASA 1 2 Road 1 and end on the south side of the outlet near Marina Bay Drive west of State Highway 146. 3 For Dickinson Bay, a closure is proposed 4 at State Highway 146 and Dickinson Bayou to 5 6 address Galveston Bay surge. The design includes 7 a 100-foot sector gate with a design capacity of 19,500 cubic feet per second. The flood wall and 8 closure structure would start on the west side of 9 State Highway 146 near Avenue T, and end on the 10 south side of the bayou near Waterman's Harbor, 11 12 west of State Highway 146. 13 These features would include drainage 14 outlet structures, also called circulation gates, to allow hydraulic connectivity to be maintained, 15 except during closure for hurricane or tropical 16 17 storm surge events. 18 Non-structural measures are proposed for 19 the west side of Galveston Bay, north of the Texas 20 City hurricane protection levees. Non-structural measures include raising houses and/or flood-21 22 proofing. 23 The study team reviewed residential and 24 non-residential structures within the Galveston Bay system that are predicted to sustain 25

1 significant damage during a variety of storm surge 2 flood events under the future with-project condition, with the surge barrier in place. 3 Based on an evaluation of cost and 4 5 benefits and the ability to continue to buy down 6 risk, structures still receiving damages in the 7 100-year storm surge event were recommended for voluntary non-structural razings. About 1750 8 residential pier and slab-on-grade homes are being 9 recommended to be razed to the future, with 10 project 100-year stage plus 1 foot; and 170 non-11 12 residential slab foundation buildings are recommended to be flood-proofed to 3 feet above 13 14 the existing ground elevation. If local floodplain standards are higher than these 15 recommended elevations, the local standard should 16 be followed. 17 The coast-wide ecosystem restoration plan 18 19 was formulated to restore degraded ecosystems that 20 buffer communities and industry on the Texas coast from erosion, sinking land, and storm losses. 21 22 Ecosystem restoration projects address habitat 23 loss and degradation from coastal processes and 24 support the coastal storm risk management

25 components by providing a natural buffer from

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coastal storms. Each ecosystem restoration
 measure represents a combination of features and
 is formulated in a specific geographic location to
 restore diverse habitats and provide multiple
 lines of defense.

A total of eight ecosystem restoration 6 7 measures are proposed along the entire Texas Coast that collectively provide approximately 6610 acres 8 of ecosystem restoration. Ecosystem restoration 9 measures included in the draft proposal include 10 114 miles of breakwaters; 15.2 miles of bird 11 12 rookery islands; 2052 acres of marsh; 12.3 miles of oyster reef; and 19.5 miles of beach and dune. 13 14 Here, you can see the proposed measures 15 for Galveston Gulf Intercoastal Waterway shoreline 16 and island protection. 17 Here, you can see the proposed measures for Bolivar Peninsula and West Bay Gulf 18 19 Intercoastal Waterway shoreline protection and

20 island restoration. You can also see proposed
21 measures for Follett's Island gulf beach and dune
22 restoration.

Here, you can see the proposed measures
for East Matagorda Bay shoreline protection and
Keller Bay restoration. Oyster reefs, revetment

and breakwaters will reduce erosion along the
 shorelines, and sediment will be used to restore
 marshes, wetlands, and islands.

Here, you can see the proposed measures
for Powderhorn shoreline protection and wetland
restoration, and Redfish Bay protection and
enhancement. Again, offshore breakwaters and
oyster reefs will reduce erosion of the shorelines
and sediment will be used to restore marshes,
wetlands, and islands.

Finally, here are the proposed measures for Port Mansfield Channel, Island Rookery, and hydrologic restoration of the Laguna Madre. Sediment will be dredged from the channel and placed on the beach in Mansfield Island, a bird rookery island. The opened channel will restore the connection between the gulf and the lagoon.

While the team was able to minimize and avoid many potential impacts by optimizing the proposed lands, an estimated 1577.6 acres of direct and indirect impacts to wetlands, bay bottom and oyster reefs, are still anticipated under the draft proposal.

24 The impacts are divided into two25 categories: direct and indirect. Direct impacts

are caused by the footprint of coastal storm risk management feature construction, and indirect impacts are caused by construction-induced changes to the environment that are not within the direct footprint.

A draft mitigation plan has been 6 7 developed to address the potential lost functions and values of the impacted areas through the 8 creation or restoration of habitats in the area. 9 Over 677 acres of habitat will be created, and an 10 additional 674.4 acres of existing low-quality 11 12 habitat will be enhanced to offset potential direct and indirect impacts to wetland and oyster 13 14 reefs under the draft proposal.

Potential locations for mitigation sites 15 have been developed by the study team, but will be 16 refined further during the pre-construction 17 18 engineering and design phase. Ultimately, the 19 final size of the mitigation measures may change. 20 However, due to the conservative nature of engineering and economic assumptions used in the 21 22 development of the draft proposal, it is 23 anticipated that design refinements of the 24 proposed structures will result in equal or lesser environmental impacts than currently estimated. 25

1 For the overall combined project, the 2 project construction cost is estimated at \$26.2 billion, with 67 percent of the cost allocated for 3 gulf defenses; 23 for bay defenses; and 10 percent 4 for ecosystem restoration. As you may notice, the 5 total economic recovery costs from previous storms 6 7 indicate that the proposed project could very well pay for itself in just one storm. 8

With the draft proposal in place, not all 9 storm damages will be prevented, only reduced. 10 Ιt 11 is important to understand that the project will 12 not eliminate all risks to life and property. Even with primary line of gulf defenses and 13 14 secondary line bay defenses, residual damages can 15 still occur from project exceedance events, rainfall events, and hurricane winds and wind-16 blown debris. 17

Implementing the coast-wide ecosystem 18 19 restoration plan would result in positive effects 20 on natural resources which are institutionally, technically and publicly recognized. Restoration 21 supports the global, national, state and locally 22 23 significant resources within the area and the 24 unique services, functions and values provided by these resources. Fresh, intermediate, brackish, 25

and saline marshes will be protected or enhanced 1 2 within a framework of marsh restoration, shoreline protection stabilization, and dune beach features 3 that interact to provide benefits greater than 4 Together, these features would help 5 their costs. protect against erosion and provide important 6 7 transitional estuarine habitat between upland and marine environments. Restoring lost wetlands, 8 protecting existing wetlands, and reducing the 9 profound environmental and habitat loss across the 10 11 study area could also help support the coastal 12 storm risk management portions of the recommendations. 13

14 Part of the area's vulnerability to hurricane storm surge damages is directly related 15 to the significant loss of wetlands the area has 16 experienced. Wetlands also provide important 17 habitat that directly supports the viability of 18 19 threatened and endangered species; commercially imported species such as fish, shrimp and crabs; 20 and the economy through the creation of and 21 22 support for industries that depend on wetlands 23 such as fishing and hunting guides, bait and tackle shops, birding enthusiasts, and ecotourism. 24 Wetlands are a unique yet imperiled ecosystem in 25

1 the nation, and the coastal areas of Texas have 2 experienced a tremendous loss of this important 3 habitat.

4 Implementing the Galveston Bay storm 5 surge barrier system to reduce financial damages 6 from hurricane storm surge in the study area, 7 serves multiple purposes. First, it would help 8 lessen the financial and social impacts that tropical storms and hurricanes can cause by 9 reducing the risk of property damage that 10 displaces residents, shuts down commercial and 11 12 industrial services, and disrupts livelihoods. Ιf structures avoid or experience less damage because 13 of the draft proposal, families and businesses can 14 rebound much more quickly after a tropical event. 15 Second, time, money and energy would not 16 be lost to repairing structures damaged by storm 17 18 surge, relocating to other areas due to 19 displacement from a home or business, or 20 disruptions in community cohesiveness. The draft proposal would also help to ensure that the 21 22 economy and the region's critical infrastructure 23 would continue to operate after a storm, and the stress and hardship associated with a hurricane 24 storm surge would be decreased. 25

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1 Under the future without-project 2 conditions, approximately 250 critical 3 infrastructure sites would be impacted during a 4 100-year event. With the project in place, only 5 about 95 critical infrastructure sites would be 6 impacted under the same event.

7 Third, each coastal storm risk management measure has a strong benefit/cost ratio, or BCR, 8 with a 2.74 BCR for South Padre and 1.96 BCR for 9 Galveston Bay. The combined BCR for the CSRM 10 measures is 1.96. A BCR over one indicates the 11 12 benefits of the project exceeds the costs, which 13 is a requirement for federal investment. And most 14 critically, if damages from storms were distributed equally across all 50 years of the 15 study, the Galveston Bay storm surge barrier 16 system is anticipated to reduce average annual 17 18 damages by \$2.28 billion per year. 19 That concludes the presentation portion 20 of today's meeting. We will now begin the commenting period. 21 22 As a reminder, if you have not registered 23 to speak during the meeting today and would like 24 to, you may do so at any time by using the raise

25 hand feature located at the bottom of the Webex

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participant list or dialing star-three if you are
 joining us only by phone.

3 Due to the nature of today's virtual meeting, the formal public commenting portion of 4 5 today's meeting will be conducted in the following way. First, federal, state and local elected 6 7 officials who wish to speak will be called on to 8 do so. Then, anyone else who has indicated a desire to speak will be given the same 9 opportunity. We will then call on each member of 10 11 the public who has signed up to speak by the name 12 used during the meeting registration or by the last four digits of your phone number if you are 13 14 only joining us by phone. Each speaker will be given two minutes to 15 make their comments. A countdown timer will be 16 displayed on the meeting broadcast screen for each 17 speaker to indicate the remaining time. 18 19 As your time ends, please be courteous to the other members of the public who wish to 20 provide comments and quickly wrap up your comments 21 22 to ensure that everyone who would like to speak 23 has the opportunity to do so. 24 If you do not need the entire time allotted, help us to include everybody by only 25

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using the time you need. If you complete your
 comments in less than two minutes, we will restart
 the clock for the next speaker. Remaining time
 cannot be reserved or transferred to another
 speaker.
 Please keep in mind that we reserve the

right to mute your microphone if this instruction is not followed. We ask that you support us in conducting a respectful, orderly, and courteous meeting. We want to be sure we get all your comments recorded, and we need your cooperation to do so. Here are a few ground rules for the meeting today.

14 Since this meeting is being held 15 virtually, we will keep all participant 16 microphones muted to avoid any background noise 17 that may make the presentation difficult to hear. 18 Connor will notify you when your microphone has 19 been unmuted. Please make sure you have also 20 unmuted your phone.

When it is your opportunity to speak,
please state and spell your first and last name.
We will not respond today to the comments
submitted. However, all comments made today will
be documented and reflected in the development of

1 the final feasibility report and EIS.

2	Just a reminder, you may not defer your
3	time to others. The public meeting will adjourn
4	at 8:00 p.m. If you have additional comments that
5	you would like to submit beyond what you are able
6	to address during your comment period, please
7	submit them in writing.
8	Speakers will be called on to provide
9	comments in the order in which they have signed
10	up. We will announce upcoming speakers in groups
11	of five, so you are aware of when you will be
12	called to speak. If you do not wish to provide a
13	comment today but would like to submit comments to
14	the project team, there are other ways to do so.
15	You have the option to submit comments through
16	mail and email online through the project website.
17	All comments received during the formal commenting
18	period will carry the same weight as the comments
19	submitted today. You do not have to submit a
20	comment today, and you will be heard just as
21	clearly as those who spoke today.
22	Additional information about submitting
23	comments is provided on the project website.
24	(Recording ends)
25	MR. STOKES: We will now begin the

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1 comment period for this evening's meeting. 2 As a reminder, we are here to receive your comments to the revised draft proposal, but 3 the study team will not be responding to comments 4 5 or answering questions. Since we do not have any public officials 6 7 who have registered to speak tonight, we will 8 proceed with comments from the public. And currently we only have three 9 registered speakers for this evening's meeting. 10 11 So I everyone in attendance who has not already 12 signed up and would like to provide a comment 13 today to go ahead and do so by using that raise 14 hand feature as shown on screen to sign up to provide a comment or if you're only joining by 15 16 phone, dialing star-three. 17 And so our three speakers for this evening are Jordan Macha, Peggy Zahler, and 18 19 Annette Brownfield. We will begin with Jordan 20 Macha. 21 Jordan, your microphone is now unmuted, 22 and you can begin your comments at this time. 23 MS. MACHA: Thank you, everyone. And 24 thank you for this opportunity. Again, my name is Jordan Macha. I'm the executive director for 25

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Bayou City Waterkeeper. We're based in Houston 1 2 but work throughout the whole lower Galveston Bay watershed. I'm also a member of the coastal 3 4 working group convened by the GLO. And I want to first express my 5 6 appreciation for the extension of the comment 7 period to January 13th. I am providing an overall of my comments this evening but intend to submit 8 full technical comments by the comment deadline. 9 So our concerns are that the Galveston 10 11 Bay is the most economically productive and biological diverse bay system in Texas, and we're 12 13 seriously concerned that the Army Corps draft 14 Coastal Texas Study and environmental impact study does not adequately address all the consequences 15 from the construction and the implementation of 16 the proposed coastal barrier system. 17 The information and the proposed projects 18 19 in the provided feasibility report and 20 environmental impact statement is insufficient. In particular, the proposed plan only addresses 21

22 one symptom of hurricane disasters, which is the 23 surge from the Gulf of Mexico, and we would 24 encourage the Corps to include projects that 25 address flood and wind impacts to our coastal

1 communities.

2 Secondly, since its inception, serious concerns have been raised regarding the 3 environment risk to the health of Galveston Bay 4 and the exorbitant cost for inadequate protection 5 to our coastal and inland communities and 6 7 industries, should the surge barrier be built. As the second most ecologically-8 productive estuary here in the United States, the 9 environmental harm to Galveston Bay will 10 undoubtedly result in economic loss for our 11 12 region. Current preliminary modeling from the 13 Corps shows that the two-mile-long gate structures will reduce the natural flow of water between 14 Galveston Bay and the Gulf of Mexico. And these 15 reduced flows can restrict movement of marine 16 species as well as change salinity, circulation, 17 and species movement, which I mentioned, within 18 19 Galveston Bay. These impacts must be better 20 understood before it goes to congressional approval and appropriation. 21 22 We have -- all right. I see I only have -- I'm done. Is it possible to continue with my 23 24 comment? 25 MR. STOKES: That is all the time you

1 have allotted.

2 MS. MACHA: All right. Thank you. 3 MR. STOKES: Thank you. Your microphone 4 has been placed back on mute. 5 Our next speaker is Peggy Zahler. Peggy, your microphone is now unmuted, 6 7 and you can begin your comments at this time. 8 MS. ZAHLER: Thank you. My name is Peggy Zahler, P-e-g-g-y, Z like in zebra, a-h-l-e-r. 9 I'm a resident of League City. I have a home in 10 11 League City plus another home on the west end in 12 Galveston. 13 As someone who owned property during Ike 14 and sustained significant damage -- in addition, Spanish Grant Beach lost about a quarter of their 15 homes to the surge, and then I flooded in Harvey. 16 I'm at I-45 and 518. So I had about three feet of 17 18 water in my house. So I have a vested interest, 19 not only from a surge standpoint but also 20 rainfall. 21 I am looking at this project as a mechanism to provide those of us who have to make 22 23 hard decisions - do we stay in the area; do we 24 leave? So I really consider this a lifeline in my decision making. 25

1 So the gates at Clear Lake and Dickinson 2 Bayou are extremely important to me and that we understand that they're designed to accommodate 3 increasing challenges and threats from weather 4 5 conditions, including sea level rising. 6 I do believe that the way the public 7 hearings or public meetings have been conducted is really a testament to the seriousness of the Corps 8 to engage the public. And as someone who has 9 attended all of the meetings that have been 10 11 offered, including the in-person meetings, I 12 always feel like I've had a voice at the table, 13 and I thank you for that. 14 Obviously, those of us on the west end -those of us on the west end have concerns about 15 the dune system, but I consider our goal to get to 16 the next phase. We can work through some of our 17 18 issues during the design phase, but we have got to 19 make progress and get through to the next phase. And I see this as a mechanism to move forward. 20 21 So thank you for giving me an opportunity to speak and look forward to working with you. 22 23 MR. STOKES: Thank you for your comments. 24 Your microphone is now back on mute. Our next speaker, Annette Brownfield, is 25

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no longer in attendance. Hopefully she can rejoin 1 2 us, and we can circle back to her. However, we do have an additional speaker 3 4 who has signed up, Brent Stool. Brent, your microphone is now unmuted, 5 6 and you can provide your comments at this time. 7 MR. STOOL: Hi. Good evening. My name is Brent Stool or Joseph Brent Stool, J-o-s-e-p-h, 8 B-r-e-n-t, last name Stool, S-t-o-o-l. 9 I was primarily concerned about seagrass 10 11 beds within Galveston Bay. I know historically 12 they've been understudied and suffered tremendous damage from runoff pollution with the bay system. 13 14 And I currently found that I'm encouraged by the (indiscernible) but found there was a lack 15 of specificity as to how the seagrass beds will be 16 affected, if the different varies of seagrasses 17 that are there will be identified, and make sure 18 19 to carefully be reintroduced and what the coverage 20 level is today versus what it is anticipated to be at the conclusion of the project. So again, just 21 22 for clarity of water and the species reproduction 23 in there. 24 Also, as Bayou City Waterkeeper mentioned earlier, how this will be affected too with the 25

changes in salinity with the construction of the
 dike. So that's all I have. Thank you very much
 for your time.

4 MR. STOKES: Thank you for your comments.
5 Your microphone is now back on mute.

6 We have gone through all the speakers who have signed up at this time. However, I do want 7 to give a few more moments for folks who may want 8 to provide comments. I do encourage folks to sign 9 This is our final public meeting tonight. 10 up. So 11 I do, again, encourage anyone who would like to 12 speak and has not already registered to use that raise hand feature as shown on screen and then 13 14 also by dialing star-three if you're only joining 15 by phone.

But in the meantime while we're giving it a few moments, I do want to acknowledge that this presentation is available on the Coastal Texas Study website, coastalstudy.texas.gov, for anyone who would like to go back and reference this presentation.

Additionally, this is not the only opportunity to submit comments. You can submit comments by mail and by email, and that information -- that address information can be

Team Legal 800.882.3376

1 found on the Coastal Texas Study website as well. 2 Again, I'd just like to give it a few 3 more moments and see if we have any more hands 4 that pop up. 5 Since I'm not seeing any more hands 6 raised at this time, the formal commenting period 7 has ended. All statements placed in the record 8 will be given consideration. It should be noted that comments can be submitted at any time during 9 the NEPA process, but only those submitted during 10 this and the previous formal review and comment 11 12 periods will be included in the summary reports and considered in the development of the final 13 proposal. 14 I thank you for your participation 15 tonight and the interest that you have shown in 16 the Coastal Texas Study. This public meeting is 17 now adjourned. 18 19 (END OF VIDEO FILE) 20 21 22 23 24 25

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1	CERTIFICATE OF TRANSCRIPTIONIST	
2	I certify that the foregoing is a true	
3	and accurate transcript of the digital recording	
4	provided to me in this matter.	
5	I do further certify that I am neither a	
6	relative, nor employee, nor attorney of any of the	
7	parties to this action, and that I am not	
8	financially interested in the action.	
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13	Julie Thompson, CET-1036	
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# **Agency Coordination**



DEPARTMENT OF THE ARMY U.S. ARMY CORPS OF ENGINEERS, GALVESTON DISTRICT P. O. BOX 1229 GALVESTON, TEXAS 77553-1229

October 28, 2020

## NOTICE OF AVAILABILITY

### DRAFT FEASIBILITY REPORT AND ENVIRONMENTAL IMPACT STATEMENT FOR THE PROPOSED U.S. ARMY CORPS OF ENGINEERS COASTAL TEXAS PROTECTION AND RESTORATION FEASIBILITY STUDY

The U.S. Army Corps of Engineers (USACE), Galveston District, in partnership with the Texas General Land Office, hereby informs you that the Draft Feasibility Report and Draft Environmental Impact Statement (DEIS) for the Coastal Texas Protection and Restoration Feasibility Study (Coastal Texas Study) is now available for your review and comment.

The Coastal Texas Study was initiated in 2014 to evaluate large-scale coastal storm risk management (CSRM) and ecosystem restoration (ER) actions aimed at protecting the health and safety of Texas coastal communities, reducing the risk of storm damage to industries and businesses critical to the Nation's economy, and addressing critical coastal ecosystems in need of restoration.

The recommended plan includes a combination of CSRM and ER features that function as a system to reduce the risk of coastal damages to natural and man-made infrastructure and to restore degraded coastal ecosystems. CSRM features providing protection to the Galveston Bay area are part of the Galveston Bay Storm Surge Barrier System which consists of a system of beach and dune nourishment, seawall improvements, a ring levee, storm surge gates, and non-structural improvements. A second CSRM feature consisting of beach and dune nourishment and sediment management is proposed at South Padre Island. ER measures are proposed at eight locations along the coast and include restoration of 15.2 miles of bird rookery islands, 12.32 miles of oyster reef, 19.5 miles of beach and dune system, 2,052 acres of marsh, and 112,864.1 acres of hydrologic connection, as well as approximately 114 miles of breakwaters intended to protect existing habitat from erosion.

The Draft Feasibility Report presents the findings and recommendations and the DEIS provides a broad overview of potential impacts to the human and natural environment from implementing any of the focused array of alternatives, pursuant to the National Environmental Policy Act (NEPA) of 1969. The Coastal Texas Study employs a tiered NEPA compliance approach, in accordance with the Council on Environmental Quality's (CEQ's) Regulations for Implementing the Procedural Provisions of the National Environmental Policy Act (40 CFR 1500—1508, specifically 1502.20). Under this structure, all but one of the ER measures and the South Padre Island feature are

considered actionable measures and have a complete NEPA analysis, while all other features will require future Tier Two environmental analysis prior to construction.

The Draft Feasibility Report and DEIS will be available for download starting October 30, 2020 from the project website which can be found at: <u>http://coastalstudy.texas.gov</u>. These two documents supersede the previously issued 2018 Draft Integrated Feasibility Report and Environmental Impact Statement and represents the most current and complete findings of this study effort. As well, the study team has developed an interactive story map that provides a wealth of user-friendly information about the recommended plan that you may find useful during your review. The story map can be found at: <u>https://coastal-texas-hub-usace-swg.argic.com/</u>.

We request your agency review the available reports and provide comments or indicate "no comment" by December 14, 2020. Comments or questions may be sent to Mr. Jeff Pinsky, Environmental Branch, Regional Planning and Environmental Planning Center, PO Box 1229, Galveston, TX 77553-1229, or you may e-mail comments or questions to <u>Jeffrey.F.Pinsky@usace.army.mil</u>.

MCGUIRE.AMAND A.M.1399923332 Date: 2020.10.29 11:17:23 -05'00' Amanda M. McGuire Environmental Branch Chief Regional Planning and Environmental Center

2020 DEIS Agencies and Tribes Notification Mailing List									
Greeting	First	Last	Facility	Agency	Position	Street Address	City	State	e Zip
Mr.	Michael	Jansky	Region 6	U.S. Environmental Protection Agency	NEPA coordinator	1445 Ross Avenue	Dallas	ТΧ	75202-2733
Mr.	Mark	Hayes	Region 6	U.S. Environmental Protection Agency	Wetland Section, Section Chief	1446 Ross Avenue	Dallas	тх	75202-2733
Ms.	Karen	McCormick	Region 6	U.S. Environmental Protection Agency	Chief, Marine and Coastal Protection	1445 Ross Avenue	Dallas	ТΧ	75202-2733
Mr.	Chuck	Ardizzone	Texas Coastal Ecological Services Field Office	US Fish and Wildlife Service	Project Leader	17629 El Camino Real, Suite 211	Houston	тх	
Mr.	David	Hoth	Texas Coastal Ecological Services Field Office	US Fish and Wildlife Service		17629 El Camino Real, Suite 211	Houston	тх	77058
Ms.	Dawn	Gardiner	Texas Coastal Ecological Services Field Office	US Fish and Wildlife Service		4444 Corona Drive, Suite 215	Corpus Chiristi	тх	78411
	Refuge Manager		Aransas National Wildlife Refuge	US Fish and Wildlife Service		P.O. Box 100	Austwell	ТΧ	77950
	Refuge Manager		Big Boggy National Wildlife Refuge	US Fish and Wildlife Service		2547 CR 316	Brazoria	тх	77422
	Refuge Manager		Laguna Atascosa National Wildlife Refuge	US Fish and Wildlife Service		22817 Ocelot Road	Los Fresnos	тх	78566
	Refuge Manager			US Fish and Wildlife Service		4017 FM 563	Anahuac	ТΧ	77514
	Refuge Manager		McFaddin National Wildlife Refuge	US Fish and Wildlife Service		P.O. Box 358	Sabine Pass	тх	77655
	Refuge Manager		San Bernard National Wildlife Refuge	US Fish and Wildlife Service		6801 County Road	Brazoria	ТΧ	77422
	Refuge Manager		Texas Mid-Coast National Wildlife Refuge Complex	US Fish and Wildlife Service		2547 CR 316	Brazoria	тх	77422
	Refuge Manager		Santa Anna National Wildlife Refuge	US Fish and Wildlife Service		3325 Green Jay Road	Alamo	тх	78516

#### 2020 DEIS Agencies and Tribes Notification Mailing List

Mr.	Rusty	Swafford	Habitat Conservation Division	National Marine Fisheries Service	Branch Supervisor	4700 Avenue U	Galveston	тх	77551
Dr.	Roy E.	Crabtree	Protected Resources	National Marine Fisheries Service, Southeast Regional Office	Regional Administrator	263 13th Avenue South	St. Petersburg	FL	33701
Mr.	David	Bernhart	Protected Resources	National Marine Fisheries Service, Southeast Regional Office	Assistant RA	263 13th Avenue South	St. Petersburg	FL	33701
Mr.	Scott	Alford	National Resources Conservation Service, Cedar Bayou Field Office	US Department of Agriculture	District Conservationist	7705 West Bay Road	Baytown	тх	77523
Mr.	Salvador	Salinas	National Resources Conservation Service	US Department of Agriculture	State Conservationist	101 S. Main	Temple	тх	767501
Mr.	Ray	Newby	Coastal Resources	Texas General Land Office		1700 North Congress Avenue	Austin	ТΧ	78701
Mr.	Tony	Williams	Coastal Resources	Texas General Land Office	Director of Planning	1701 North Congress Avenue	Austin	ТΧ	78702
Ms.	Laura	Zebehazy	Wildlife Habitat Assessment Program	Texas Parks and Wildlife Department	Program Leader	4200 Smith School Road	Austin	тх	78744
Mr.	Greg	Cearcy	Natural Resources Director	Texas Parks and Wildlife Department	Natural Resources Director	4200 Smith School Road	Austin	тх	78744
Mr.	Bryan	Eastham	Ecosystem Resources Program	Texas Parks and Wildlife Department	Team Lead Upper Coast	1502 FM 517 East	Dickinson	тх	77539
Ms.	Leslie	Koza	Ecosystem Resources Program	Texas Parks and Wildlife Department	Team Lead Lower Coast	6300 Ocean Drive, Suite 2500 Unit 5846	Corpus Chiristi	тх	78412
Mr.	Winston	Denton	Coastal Conservation Program	Texas Parks and Wildlife Department	Team Lead	1502 FM 517 East	Dickinson	тх	77539
Mr.	Bill	Adams		Texas Parks and Wildlife Department	Ecosystem Leader, Pineywoods	8096 FM 2782	Nacogdoches		75964

Mr.	Jerry	Mambretti	Coastal Fisheries	Texas Parks and Wildlife Department	Upper Coast Regional Director	1502 FM 517 East	Dickinson	тх	77539
Ms.	Christine	Jensen	Coastal Fisheries	Texas Parks and Wildlife Department	Galveston Bay Ecosystem Leader	1502 FM 517 East	Dickinson	тх	77539
	Carey	Gelpi, Ph.D.	Coastal Fisheries	Texas Parks and Wildlife Department	Sabine Lake Ecosystem Leader	601 Channelview Drive	Port Arthur	тх	77640
Ms.	Leslie	Hartman	Coastal Fisheries	Texas Parks and Wildlife Department	Matagorda Bay Ecosystem Leader	2200 Harrison	Palacios	ТХ	77465
	Kelley	Kowal	Coastal Fisheries	Texas Parks and Wildlife Department	San Antonio Bay Ecosystem Leader	PO Box 688	Port O'Connor	тх	77982
Mr.	Perry	Trial	Coastal Fisheries	Texas Parks and Wildlife Department	Lower Coast Regional Director	702 Navigation Circle	Rockport	тх	78382
Mr.	Zach	Olsen	Coastal Fisheries	Texas Parks and Wildlife Department	Aransas Bay Ecosystem Leader	824 S. Fuqua St	Rockport	тх	78382
Mr.	Brian	Bartram	Coastal Fisheries	Texas Parks and Wildlife Department	Corpus Christi Bay Ecosystem Leader	702 Navigation Circle	Rockport	тх	78382
Ms.	Faye	Grubbs	Coastal Fisheries	Texas Parks and Wildlife Department	Upper Laguna Madre Ecosystem Leader	NRC Building, Suite 2500, 6300 Ocean Drive, Unit 5845	Corpus Chiristi	тх	78412-5845
Mr.	Jason	Ferguson	Coastal Fisheries	Texas Parks and Wildlife Department	Lower Laguna Madre Ecosystem Leader	95 Fish Hatchery Rd	Brownsville	тх	78520
	Park	Superintendent	World Birding Center-Resaca de la Palma	Texas Parks and Wildlife Department	Park Superintendent	Park PO Box 714	Olmito	тх	78575
	Park	Superintendent	Sea Rim State Park	Texas Parks and Wildlife Department	Park Superintendent	PO Box 356	Sabine Pass	ТΧ	77655
Mr.	Scott	Taylor	Mustang Island State Park	Texas Parks and Wildlife Department	Park Superintendent	9394 State Highway 361	Corpus Chiristi	тх	78418
Mr.	Edwin	Quintero	Goose Island State Park	Texas Parks and Wildlife Department	Park Superintendent	202 S Palmetto St	Rockport	ТХ	78382-7965

	Par	ark	Superintendent	Galveston Island State Park	Texas Parks and Wildlife Department	Park Superintendent	14901 FM 3005	Galveston	тх	77554
Mr	. Jim	m	Cisneros	Brazos Bend State Park	Texas Parks and Wildlife Department	Park Superintendent	21901 FM 762	Needville	тх	77461
Dr.	Mi	lichael	Rezutek	UCEWP Leader	Texas Parks and Wildlife Department		10 Parks and Wildlife Drive	Port Arthur	тх	77640
Mr	. Kev	evin	Kriegel	Guadalupe Delta Wildlife Management Area	Texas Parks and Wildlife Department	Area Manager	2200 7th Street, 3rd floor	Bay City	тх	77414
Mr	. Lar	ang	Alford	Mad Island Wildlife Management Area	Texas Parks and Wildlife Department	Area Manager	2200 7th Street, 3rd floor	Bay City	тх	77414
Mr	. Ma	latt	Nelson	Central Coast Wetlands Ecosystem Project	Texas Parks and Wildlife Department	Area Manager				
Mr	. Ste	eve	Benn	Las Palomas WMA	Texas Parks and Wildlife Department	Area Manager	154B Lakeview Drive	Weslaco	ТΧ	78596
Mr Mr			Benn Mahoney	Maritime Division		Area Manager Waterways Program Coordinator	154B Lakeview Drive 118 E. Riverside Drive	Weslaco Austin	тх тх	78596 78704
	. Ma	latthew		Maritime Division Galveston Bay	Wildlife Department Texas Department of	Waterways Program				
Mr	. Ma . Lisa	latthew sa	Mahoney	Maritime Division Galveston Bay Estuary Program Water Quality	Wildlife Department Texas Department of Transportation Texas Commission on	Waterways Program Coordinator	118 E. Riverside Drive 17041 El Camino Real, Ste	Austin	тх	78704
Mr Ms	:. Ma :. Lisa :. Gre	latthew sa reg	Mahoney Marshall	Maritime Division Galveston Bay Estuary Program Water Quality Assessment Section	Wildlife Department Texas Department of Transportation Texas Commission on Environmental Quality Texas Commission on	Waterways Program Coordinator Manager	118 E. Riverside Drive 17041 El Camino Real, Ste 210	Austin Houston	TX TX	78704 77058
Mr Ms Mr	: Ma : Lisa : Gre Kar	latthew sa reg arla	Mahoney Marshall Easley	Maritime Division Galveston Bay Estuary Program Water Quality Assessment Section Surface Water Program	Wildlife Department Texas Department of Transportation Texas Commission on Environmental Quality Texas Commission on Environmental Quality Texas Water	Waterways Program Coordinator Manager Manager	118 E. Riverside Drive 17041 El Camino Real, Ste 210 P.O. Box 13087, MC-150	Austin Houston Austin	TX TX TX	78704 77058 78711-3087

Mr.	Cory	Horan	Coastal Bend and Bays Estuary Program	Texas Commission on Environmental Quality	0	NRC Building, Ste 3300, 6300 Ocean Dr, Unit 5863	Corpus Chiristi	тх	78412	
Mr.	Jace	Tunnel	Reserve Director	Mission-Aransas National Estuary Reserve	Reserve Director	UT-MSI, Estuarine Research Center, 750 Channel View Dr.	Port Aransas	ТΧ	78373	
		Celestine	Tribal Historic Preservation	Alabama-Coushatta Tribe of Texas	Tribal Historic Preservation Officer	571 State Park Road 56	Livingston	ТΧ		77351
Mr.	Bryant	Minthorn	Officer Tribal Historic Preservation	Comanche Nation	Tribal Historic Preservation Officer	6 SW D Avenue	Lawton	ОК		73502
Ms.	Martina		Officer							
		Langley	Tribal Historic Preservation	Coushatta Tribe of Louisiana	Tribal Historic Preservation Officer	PO Box 10	Elton	LA		70532
	Linda		Officer							
		Houghten	Tribal Historic Preservation	Mescalero Apche Tribe	Tribal Historic Preservation Officer	PO Box 227	Mescalero	NM		88340
	Holly		Officer							
		Komalty		Kiowa Indian Tribe of		PO Box 369	Carnegie	ОК		73015
	Matthew	Norman-Brown	Tribal Historic Preservation	Oklahoma Tonkawa Tribe of Indians of Oklahoma	Tribal Historic Preservation Officer	1 Rush Buffalo Road	Tonkawa	ОК		74653
	Lauren		Officer							