GALVESTON BAY COUNCIL (GBC) QUARTERLY MEETING

Location: Harris-Galveston Subsidence District, 1660 West Bay Area Blvd, Friendswood, TX 77546-2640

AGENDA: Wednesday, July 18, 2018

9:30 A.M.: Call to Order: Introduction of Members and Delegates

Action Item: Approval of April 18, 2018 Meeting Minutes

Report of the Chair (Helen Paige)

Action Item: Presentation and approval of revised bylaws (to reflect changes to the interests represented by two seats on the Council: Underrepresented Communities (formerly Minority Communities) and Nature Tourism (formerly Galveston County Chambers of Commerce))

Action Item: Approval of nomination of Jeff DallaRosa, CenterPoint Energy to represent Utilities

Action Item: Approval of nomination of Chambers County Commissioner Rusty Senac to represent Nature Tourism

Report of the Program (Sarah Bernhardt)

Action Item: Presentation and Approval of minor revision to fiscal year 2019 Galveston Bay Estuary Program budget

10:15 A.M.: Subcommittee Reporting: Natural Resources Uses (NRU) featured project:

Conservation Assistance Program Accomplishments Fiscal Years 2011 to 2017, Matt

Singer, Director of Land Conservation, Galveston Bay Foundation

10:45 A.M.: Break

11:00 A.M.: Presentation & Discussion: Houston Zoo Initiatives Making a Difference in our

Watershed, Peter Riger, Vice-President of Conservation and Education, Houston Zoo

11:40 A.M.: Presentations & Discussion: GulfCorps, Marsha Towns, Partnership Director-Gulf

Coast, Student Conservation Association (SCA)

12:15 P.M.: Council Member Roundtable: News and Announcements

12:25 P.M.: Public comments

12:30 P.M.: Adjourn

Upcoming Galveston Bay Council Meeting Dates: Tentative September date TBD, 2018 (special meeting for approval of draft final Galveston Bay Plan, 2nd Edition to be submitted to TCEQ Agenda for non-rule adoption); October 17, 2018; January 16, 2019; April 17, 2019. Meetings are held on the third Wednesday of the quarter from 9:30 am-12:30 pm. If there are known conflicts, Council members are welcome to propose alternate dates to the Council.

GALVESTON BAY ESTUARY PROGRAM

DRAFT - Galveston Bay Council (GBC) Meeting Minutes - April 18, 2018

Attendees:

Galveston Bay Council Chair: Helen Paige (Marinas)
Galveston Bay Council Vice-Chair: Glenn Clingenpeel

Estuary Program Staff Lead: Sarah Bernhardt, Galveston Bay Estuary Program (GBEP)

The April 18, 2018 quarterly GBC meeting was held at Harris-Galveston Subsidence District, 1660 West Bay Area Blvd., Houston, Texas, from 9:32 AM to 12:10 PM.

Members Present: Scott Alford, Christine Bergren, Caryn Brooks, Glenn Clingenpeel, Albert Gonzales, Rebecca Hensley, Brian Koch, Audrey Kuklenz, Kristin Lambrecht, Mike Lee, Garry McMahan, Will Nipper, Nancy Parra, Ana Partin, Pamela Plotkin, Taylor Rieck, Hanadi Rifai, Kate Saul, Caimee Schoenbaechler, Ronnie Schultz, Linda Shead, Sharron Stewart, Bob Stokes, Kirk Wiles

Members Not Present/Delegates: Andrea Catanzaro, Phillip Goodwin*, Kelly Holligan*, Jace Houston*, John Huffman, Doug Jacobson, Russ Poppe*, Aaron Rice, Mary Beth Stengler, Rusty Swafford, Jeff Taebel*, Lori Traweek, Chuck Wemple, Tracy Woody

(*=Member designated a proxy)

Proxies Present (council member absent/designated proxy):

Phillip Goodwin/Richard Chapin, Kelly Holligan/Kerry Niemann, Jace Houston/Kim Wright, Russ Poppe/Glenn Laird, Rusty Swafford/Aaron Chastain, Jeff Taebel/Todd Running

Current Vacancies: Utilities, Minorities

Other Attendees: George Guillen (UH-Clear Lake), Scott Galaway (TWDB), Lisa Gonzalez (HARC), Mollie Powell, General Land Office (GLO); Stennie Meadours (Galveston Bay Area Chapter of Master Naturalists)

Additional GBEP Staff present: Cynthia Clevenger, Cassidy Kempf, Lindsey Lippert, Mary Stiles

Call to Order: Introduction of Members and Delegates

Vice-Chair Glenn Clingenpeel called meeting to order and confirmed a quorum before moving to the first action item.

Glenn Clingenpeel announced Chair Helen Paige would be late attending the meeting due to an emergency at the Marina early in the morning. Vice Chair will fill in for the Chair until she arrives.

Action Item: Approval of January 31, 2018 Meeting Minutes

Glenn Clingenpeel opened the meeting with approval of the January 31, 2018 meeting minutes and opened the floor for questions and comments. A motion was requested

for approval of the minutes. Brian Koch moved to approve the minutes followed by Nancy Parra who seconded the motion. The minutes were approved with no changes.

Report of the Program (Sarah Bernhardt)

Dr. Sarah Bernhardt announced an updated on the 2019 Funding at the Environmental Protection Agency and Texas Commission on Environmental Quality level of funding. Dr. Bernhardt reported on the Estuary Resilience Assessment and that Houston Advanced Research Center (HARC) will be assisting the Galveston Bay Estuary Program to complete the project. She also reported on the Comprehensive Conservation and Management Plan (CCMP) comments and gave an update. Galveston Bay Estuary Program (GBEP) received over 25 comments, including two very detailed letters with lots of comments; there were commonalities between the two letters.

Report of the Chair:

Glenn Clingenpeel announced there was a discussion held by Budget and Priorities (B&P) regarding addressing CCMP comments. At the next meeting B&P will draft a letter to send a response to each of the commenters. Volunteers that are interested in participating may reach out to the Chair Helen Paige.

Glenn Clingenpeel reported on the status of nominations and anticipates nominations at the July 18th meeting for the Utilities and Underrepresented Communities.

Presentation & Discussion: State of the Bay Report, 4th Edition: Update and Path Forwards; Lisa Gonzalez, President, HARC

Lisa Gonzalez presented to the council the history of the State of the Bay (SOB) reports and HARC's staff changes. Ms. Gonzalez described the new format that is being proposed and will become available online, but it will also include a printable summary document that can be taken to the legislature. Similar engagement process as was used in previous editions and will involve Galveston Bay Council with one big change. Communications will occur in coordination with GBC members and subcommittees. Emails will come from Galveston Bay Estuary staff, but also from Lisa Gonzalez and Erin Kinney, the HARC project managers. The first few chapters will include data heavy chapters from the first chapter to the third chapters, these editions will be reorganized by the four main areas of the Galveston Bay Plan, second edition. Lisa Gonzalez presented success stories that will be included in the third edition and will be requesting feedback from subcommittee members. The new edition will use ESRI story maps. Lisa showed a mock-up of a sample State of the Bay fourth edition using a website. Lisa also showed examples of story maps for Galveston Bay. Major Task and Timelines: Quality assurance project plan will be the first step. HARC will be seeking donations of photographic input.

Presentation & Discussion: Texas Water Development Board (TWDB) updates on the State Flood Assessment and Disaster Recovery Financial Assistance; Caimee Schoenbaechler, Manager of Bays and Estuaries and Scott Galaway, Program Specialist, TWDB

Scott Galaway presented on TWDB, it was developed in 1950 to create reservoirs and there were two main functions 1) state water resource planners, 2) water infrastructure financing. This is a non-regulatory resource agency for anything that is water related. There are four areas of project finance and science.

Regional water plans roll up into the state water plans: a planning document for fifty year horizon and considers municipalities, ag, industry and power generators. It is a regional bottom up planning process. San Jacinto Regional Area and Region H is the local sponsor. Current plan 2017 includes an interactive tool. You can logon at http://texasstatewaterplan.org. More web sources from TWDB are at texasflood.org. Provides information on what to do during and after a flood and real-time stream gage data linked state wide from all sources. Www.texmesonet.org provides weather forecasting. Mr. Galaway explained his role is to promote TWDB's financial assistance products. The booklet provide as a handout at the meeting provides information on pages 4 and 5 about EPA funding. To get started you may request a meeting with TWDB or Scott Galaway.

Caimee Schoenbaechler next presented to the council. In 2017, the 85th Texas Legislature passed an exceptional item which, among other activities, enables the TWDB to create the first ever statewide assessment of flood risk. The State Flood Assessment, a report that will be completed prior to the start of the 2019 legislative session, will provide comprehensive information about flooding impacts and programs in Texas as well as policy recommendations to reduce flood risk. Three goals guide this first step toward developing comprehensive flood planning for the state: (1) to assess flood risk and catalogue the roles and responsibilities of relevant entities, (2) to estimate the statewide cost to mitigate flood risk, and (3) to envision the future of flood planning in Texas.

The vital importance of this opportunity to ensure adequate flood planning and risk mitigation to communities and citizens throughout Texas hinges on stakeholder input. The success of this effort depends on input and guidance from stakeholders—most importantly the 1,200+ floodplain managers in Texas. Several opportunities for input and engagement were available throughout March and April 2018, including eight regional workshops, one-on-one meetings, water-related conferences, and an online survey. Once datasets are compiled and stakeholder input is reviewed, the draft report will be completed by the end of June, available for review and public comment in July, and finalized in the latter half of the year.

This first step toward developing comprehensive flood planning for Texas does not seek to fund specific strategies or projects related to flood planning, mitigation, warning, or recovery. Instead, this effort seeks to obtain and communicate information that will determine the need for and benefits of statewide flood planning and financial investment. To learn more about the TWDB's State Flood Assessment effort, please visit the website at http://www.texasfloodassessment.com.

Q: Will flood planning process align with state planning regions?

After the Break: Glenn Clingenpeel brought the meeting to order and introduced Kate Saul (General Land Office)

Presentation & Discussion: Texas Coastal Resiliency Master Plan Update; Kate Saul, Texas General Land Office

Kate Saul presented on the Texas General Land Office (GLO)'s efforts to develop the 2019 Update to the 2017 Texas Coastal Resiliency Master Plan. The 2017 Plan also

presents resiliency strategies and recommended nature-based projects to mitigate the impacts of the issues of concern. The 2017 Plan was presented to the Texas Legislature and Texas Congressional members in Spring 2017. You may view the 2017 Plan on the GLO's website: www.glo.texas.gov/coastalgrants/projects/files/Master-Plan.pdf. Identifying that further education and coastal restoration is necessary to mitigate the coastal issues of concern, the GLO is working on the 2019 version of the Plan. The 2019 Plan has a broader scope to address the natural and built environments as they pertain to resiliency for coastal communities. Two rounds of meetings with a Technical Advisory Committee (TAC) have been conducted in each of the five coastal planning regions to solicit feedback. Another round of meetings will be held late summer/early fall with the TAC to solicit feedback on the draft update. The 2019 Plan will be presented to the Texas Legislature and local elected officials in Spring 2019.

Q: Albert Gonzalez: How much interaction with Rice/Speed Center?

A: The Resiliency project will not evaluate any currently facilitated federal projects, because GLO is a partner and want to let federal process run its course. Comment period is open for online survey and is closing April 30th.

Subcommittee Reporting:

Presentation & Discussion: Public Participation and Education subcommittee Cynthia Clevenger) including a presentation and Community Based Social Marketing (CBSM) followed by a local case study where CBSM has been implemented at Texas City Dike (TCD) by subcommittee member Stennie Meadours, Galveston Bay Chapter of Texas Master Naturalists and Plastic Pollution Prevention Partnership (P3P)

Presentation introducing the Community Based Social Marketing modeled by the PPE coordinator Cynthia Clevenger. The CBSM model emphasizes understanding the barriers that exist to fostering sustainable behaviors before implementing public outreach and education campaigns, CBSM includes tools that can help entities create programs that measure success of behavior change as well as the return on the investments for programs. To demonstrate a project in the Galveston Bay watershed that is implementing the CBMS model, Stennie Meadours representing the Plastic Pollution Prevention Partnership (P3) and the Galveston Bay Chapter of the Texas Master Naturalists presented the Texas City Dike (TCD) monofilament fishing line project. Stakeholders identified an abundance of fishing line on the TCD causing wildlife engagements and rescues. They have formed a partnership with the City of Texas City's solid waste manager to develop a pilot program aimed at helping anglers keep fishing line off the dike. Stennie Meadours presented to the council the history and facts about Texas City Dike. It is five miles long and was built by USACE. The popular fishing area includes boat ramps and fishing. There are four Facebook pages on fishing Texas City Dike followed by 10,000 people, yet there are no data on dike usage. The current phase of the project is to identify pilot strategies working with City of Texas City.

Monitoring and Research and Water and Sediment Quality Subcommittees: Request for input on knowledge gaps (Mike Lee and Brian Koch)

Brian Koch and Mike Lee each spoke about their subcommittees and stated they are each chair/vice-chair respectively on their subcommittees and asked the council

members to provide input on knowledge gaps that need to be filled in the areas of research, monitoring, water and sediment quality.

Council Members Roundtable: News and Announcements

Todd Running: The H-GAC Clean Rivers Steering Committee meeting will be May 1^{st} from 1:30-3:30. H-GAC is also looking for OSSFs that are failing or in need of repair. The homeowner must be below 80% of their community's median income to qualify for repairs.

Coastal Communities Residential Outreach Project Update: Identified 22 communities without MS4 permits in four coastal counties, support implementation through outreach for existing watershed protection plans, TMDL I-plans, and other water quality projects in the region. Their goal is to work with residents to change behaviors that often contribute to water pollutions issues such as pet waste, fats, oil, grease, litter and illegal dumping abatement, on-site sewage system maintenance. Currently conducting needs assessments to determine how to proceed with outreach plans for each community, for further information www.coastalcommunitiestx.com.

The 24th Trash Bash results are in: 3,591 volunteers, 85.5 tons of trash, .94 ton of recycling, and 158.5 miles of shoreline cleaned. This year Rivers, Lakes, Bays "N Bayous Trash Bash was the winner of the 2018 Texas Environmental Excellence Award (civic/community category). Save the date for Trash Bash 2019 will be March 30, for more information you can logon to www.trashbash.org

Pam Plotkin: Free screening of "Straws" in College Station this Friday with a panel discussion. They are also hoping to provide a free screening at A&M Galveston in the future.

Kate Saul: Adopt -A-Beach will be Saturday April 21st, volunteers may sign-up on the website http://www.glo.texas.gov/adopt-a-beach. The Coastal Management Program (CMP) application process is beginning soon, with a workshop May 9th in Galveston. This year, pre-applications are required and will be due on June 14th.

Caimee Schoenbaechler: TWDB has hired a new hydrodynamic modeler who will work on a modeling system for Galveston Bay.

Rebecca Hensley: Texas Parks and Wildlife Department hired a new hydrodynamic modeler from Virginia Institute Marine Science. The model used for Galveston Bay will be expanded.

Linda Shead: Artist Boat closed March 8th on sixty-eight acres. Earth Day event will be Saturday April 21st Bayou Preservation Association will exhibit a new car this year.

Kerry Niemann: Regarding the Texas Coastal Nonpoint Source Management Program: The GLO and TCEQ continue to work with NOAA and EPA on approval of six (6) remaining conditions. The remaining conditions are watershed protection, site development, existing development, new development, and roads, highways, and bridges, which have been combined; and On-site Disposal Systems (which includes OSDS Contributions to Nitrogen Limited Waters, and the inspection of OSDS at a

frequency adequate to ascertain if they are failing). The deadline to submit an approvable program is June 2019.

Regarding the TMDL Program: The Lower San Antonio River Implementation Plan was released for public comment on March 23. The public comment period will run for 30-days. The Sycamore Creek TMDL is scheduled to go to agenda for release for public comment on May 23.

<u>Regarding the NPS Program:</u> The 2017 NPS Management Program was approved by EPA on March 23. The 2017 Annual Report was approved by the EPA on April 3. The annual Request for Grant Applications is scheduled to open June 1 and will post for 60 days.

<u>Regarding the 2016 Integrated Report:</u> It is being prepared for public comment and should be released in the Spring.

<u>Regarding Water Quality Standards:</u> They were adopted by the Commission on February 7, 2018 and became effective as a state rule on March 1st. Now with EPA pending approval.

Regarding the Clean Rivers Program: The calendar of Steering Committee Meeting dates may be accessed from the statewide Coordinated Monitoring Schedule. Meetings occur throughout the year and help to establish monitoring priorities. The 2018 Coordinated Monitoring Schedule has been updated and is available on the LCRA's website.

Mike Lee: U. S. Geological Survey is posting three to four jobs in the next six months. They will be available at www.USAjobs.gov.

Lisa Gonzalez: Galveston Bay Report Card funded by Houston endowment for additional two years.

Mollie Powell: General Land Office Harvey debris cleanup in beaches and bays will be completed with existing funds.

Adjourn: Meeting was adjourned at 12:10pm

Upcoming Galveston Bay Council Meeting Dates: July 18, 2018, October 17, 2018. Meetings are held on the third Wednesday of the quarter from 9:30am – 12:30pm. If there are known conflicts, Council members are encouraged to propose alternate dates to the Council.

BYLAWS OF THE GALVESTON BAY COUNCIL

Bylaws approved by Council resolution on 10/19/2016.

ARTICLE I. ORGANIZATION NAME

The name of this organization, hereinafter referred to as the Council, shall be the Galveston Bay Council.

ARTICLE II. ENABLING AUTHORITY

The Galveston Bay Council was created by resolution of the Texas Natural Resource Conservation Commission, now known as the Texas Commission on Environmental Quality (TCEQ or Commission), on November 21, 1995. The Council shall expire as of November 15, 2035, unless a different expiration date is established by subsequent Commission action.

ARTICLE III. PURPOSE AND FUNCTIONS

The Council is an advisory committee to the TCEQ and Galveston Bay Estuary Program (GBEP). The Council will perform the following functions:

- 1. Provide a forum for technical and stakeholder group review and input during *Galveston Bay Plan* implementation.
- 2. Advise the TCEQ staff during preparation of progress reports, evaluations, and *Plan* updates.
- 3. Authorize and make appointments to subcommittees as necessary.
- 4. Assess the success of action plans and initiate revisions.
- 5. Address legislative issues and make recommendations to the Texas Legislature.
- 6. Advise the TCEO as to annual priorities for implementation of action plans.
- 7. Monitor the effectiveness of actions taken pursuant to the *Plan*.
- 8. Review all federal financial assistance programs and federal development projects in accordance with Section 320 of the Clean Water Act.

ARTICLE IV. COUNCIL MEMBERSHIP

Section 1. Composition of Council

The Council shall be composed of 41 members representing the following:

Type of	Interest Represented (listed alphabetically)
Organization	
Federal Agencies:	National Marine Fisheries Service
	Natural Resources Conservation Service
	U.S. Army Corps of Engineers
	U.S. Coast Guard
	U.S. Environmental Protection Agency
	U.S. Fish and Wildlife Service
	U.S. Geological Survey
State Agencies:	Texas Commission on Environmental Quality
	Texas Department of Agriculture
	Texas Department of State Health Services
	Texas Department of Transportation
	Texas General Land Office
	Texas Parks & Wildlife Department
	Texas Railroad Commission
	Texas State Soil & Water Conservation Board
	Texas Water Development Board
Regional/Local	City of Houston
Governments:	Gulf Coast Waste Disposal Authority
	Houston-Galveston Area Council
	Large Local Governments (populations >500,000)
	Medium Local Governments (populations 25,000 -500,000)
	Port of Houston Authority
	San Jacinto River Authority
	Small Local Governments (populations <25,000)
	Trinity River Authority
Environmental/	Citizens-at-Large
Citizen's Groups:	Coastal Conservation Association
	Galveston Bay Foundation
	League of Women Voters
	Low-income Community Representatives
	Underrepresented Community Representatives
	Other Conservation Organizations
Industry/	Commercial Fisheries
Business Sector:	East Harris County Manufacturer's Association
	Nature Tourism
	Greater Houston Partnership
	Industry
	Marinas
	Utilities
Research/	Major Universities
Academia:	Sea Grant Program

Section 2. Appointment of Members

All Galveston Bay Council members are appointed by and serve at the pleasure of the Commission.

Section 3. Vacancies

A member of the Council vacates his/her membership when;

- 1. the member resigns, dies, or becomes incapacitated; or
- 2. the member fails to meet the attendance requirements described in Article IV. Section 6; or
- 3. the member is removed by the Commission; or
- 4. the member no longer represents the type of organization or interest represented identified in Article IV. Section 1; or
- 5. the member's term expires.

Section 4. Filling Vacancies

If a vacancy occurs in a membership position that represents a specific agency or organization identified in Article IV. Section 1., then that agency or organization shall nominate to the Commission a replacement for the vacancy.

If a vacancy occurs in a membership position that is not represented by a specific agency or organization identified in Article IV. Section 1., then the Council shall nominate to the Commission a replacement for the vacancy. Such nominations shall be made in accordance with *The Galveston Bay Plan* to maintain the balance of representation.

Section 5. Terms

Council members shall serve four-year terms. Council members' terms are staggered such that approximately half the terms will expire biennially in November. The members are grouped as follows into four-year terms offset by two years:

Type of	Group 1	Group 2
Organization		
Federal	National Marine Fisheries Service	U.S. Army Corps of Engineers
Agencies	Natural Resource Conservation Service	U.S. Environmental Protection Agency
	U.S. Coast Guard	U.S. Fish and Wildlife Service
	U.S. Geological Survey	
State Agencies	Texas Commission on Environmental	Texas Department of Transportation
	Quality	Texas Railroad Commission
	Texas Department of Agriculture	Texas State Soil & Water Conservation
	Texas Department of State Health Services	Board
	Texas General Land Office	Texas Water Development Board
	Texas Parks & Wildlife Department	
Regional/ Local	City of Houston	Large Local Governments (populations
Governments	Gulf Coast Waste Disposal Authority	>500,000)
	Houston-Galveston Area Council	Port of Houston Authority
	Medium Local Governments (populations	San Jacinto River Authority
	25,000 -500,000)	
	Small Local Governments (populations	
	<25,000)	
	Trinity River Authority	
Environmental	Citizens-at-Large	Coastal Conservation Association
/Citizen's	League of Women Voters	Galveston Bay Foundation
Groups	Underrepresented Community	Low-income Community
	Representatives	Representatives
		Other Conservation Organizations
Industry/	Greater Houston Partnership	Commercial Fisheries
Business	Nature Tourism	East Harris County Manufacturer's
Sector		Association
		Industry
		Marinas
		Utilities
Research/	Major Universities	Sea Grant Program
Academia		

Section 6. Attendance

Attendance shall be recorded at all Council meetings. If a Council member misses three consecutive regular meetings, as defined in Article IV. Section 1., or more than half of all Council meetings in a one-year period, that member automatically vacates his/her position on the Council. In the case of a vacancy the Council shall nominate a replacement to the Commission. The Commission shall make an appointment to fill the remainder of the unexpired term of the vacancy. Proxies shall count for meeting attendance.

ARTICLE V. OFFICERS

Section 1. Terms and Elections

The Council shall select a Chair and Vice-Chair biennially from among its members that do not represent a Federal or State agency or department. Officers may serve successive terms.

Section 2. Chair

The Chair shall preside at all regular and called meetings of the Council. The Chair shall review and approve agendas for all Council meetings prior to their distribution to members. The Chair may call special meetings of the Council, appoint standing and ad-hoc committees, and may delegate duties and responsibilities to the Vice-Chair. The Chair shall report Council's advice and attendance in writing to the Commission. The Chair may assign administrative tasks/duties related to the operation of the Council to the GBEP program manager.

Section 3. Vice-Chair

The Vice-Chair shall assume the duties of the Chair in the event of the Chair's absence or inability to serve.

ARTICLE VI. EXPENSES

Members of the Council shall not be reimbursed for expenses unless the commission expressly authorizes reimbursement by resolution. The commission may, in its discretion, reimburse the expenses of members of any duly authorized subcommittee of an advisory committee.

ARTICLE VII. MEETING PROCEDURES

Section 1. Regular Meetings

At least one regular meeting of the Council shall be held in each calendar quarter. At the last regular meeting of each calendar year, regular meeting dates for the following year shall be established. Advance notice and agenda packets for regular meetings shall be provided to the full membership at least 10 days in advance by first class U.S. Mail or facsimile, or other electronic means. Other program information, GBEP products, and member requested materials may be distributed with the agenda packets.

Section 2. Called (Special) Meetings

The Chair or a TCEQ Commissioner may call special meetings of the Council. Advance notice and an agenda for a called meeting shall be provided to the full membership at least five days in advance by first class U.S. mail, facsimile, or other electronic means. Other program information, GBEP products, and member requested materials may be distributed with the agenda or at meetings.

Section 3. Open Meetings

All meetings of the Council shall be open to the public in accordance with the Texas Open Meetings Act requirements.

Section 4. Quorum

A quorum of the Council shall be a simple majority of the members or their designated proxies.

Section 5. Proxies

A Council member may designate in writing or by electronic means to the Chair the name of a specific person who may participate on his/her behalf at any meeting of the Council. The Chair of the Council shall recognize such proxies received prior to or during the meeting. Proxies shall count toward member attendance.

Section 6. Voting

The Council shall attempt to reach all decisions by consensus. If consensus is not reached, the Council meetings shall follow parliamentary procedures in *Robert's Rules of Order, Newly Revised*. If voting is required, each Council member or designated proxy shall have one vote.

Section 7. Meeting Agendas, Materials, and Information

The agenda shall be developed by the Chair and the GBEP program manager. The Chair shall review and approve all regular meeting agendas prior to their distribution. Council members with items for inclusion on the agenda shall submit such items to the GBEP program manager at least three weeks prior to the meeting.

Section 8. Minutes

Minutes of all Council meetings shall be taken by the GBEP program manager and shall be distributed to members as soon as possible but no later than 10 days prior to the

next regular Council meeting. Minutes will be approved by the Council at their next regular meeting.

ARTICLE VIII. SUBCOMMITTEES

The Chair may appoint standing and ad-hoc subcommittees. One member of each subcommittee shall serve as the Chair of that subcommittee. The Chair of the subcommittee shall be a Council member. A non-Council member may serve as the Chair only if approved by the Council. Subcommittee Chairs shall make written reports regarding their subcommittee's work to the Chair of the Galveston Bay Council. Subcommittees of the Council may include members who are not members of the Council, but must include at least one member of the Council. A Vice-Chair will be selected and will perform the duties of the Chair in the event of the Chair's absence. A GBEP staff member will assist each subcommittee in its operation.

ARTICLE IX. CONDUCT AND CONFLICTS OF INTEREST

Council members may not use or allow the use of, for other than official council purposes, information obtained through or in connection with their council affiliation that has not been made available to the general public.

In no case shall a Council member represent individual opinions as those of the Council, the GBEP, or the TCEQ.

In order to make GBEP business transparent, any Council member or proxy that has an interest (financial, personal or business interest including a contract, subcontract, or grant) in any matter before the Council or a subcommittee or working group shall identify such interest prior to discussion and voting on such matter. No Council member or proxy shall cast a vote or seek to influence any decision on any matter that would provide a direct financial benefit to that member or proxy, or otherwise give the appearance of a conflict of interest under State, Federal, or local law. The Council member shall recuse themselves after identifying any conflict of interest and refrain from any deliberations on that matter.

All Council members are expected to conduct themselves in a civil manner, showing courtesy and respect to other Council members, GBEP staff, and any other individuals present at the meeting.

ARTICLE X. AMENDMENT OF BYLAWS

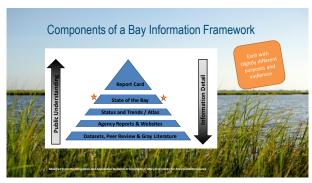
These Bylaws may be amended by two-thirds vote of the members of the Council in attendance at a regular meeting.

ARTICLE XI. ANNUAL ACKNOWLEDGEMENT OF BYLAWS

Each Council member will sign a form each year that acknowledges these Bylaws. That form shall include a reprint of Article IX, Conduct and Conflicts of Interest. Failure to sign this acknowledgement will prevent that member or proxy from voting at Council or subcommittee meetings.









SOTB 1st – 3rd Edition Chapters

- 1. Assessing the state of Galveston Bay
- 2. Galveston Bay: An overview of the system
- 3. The Human Role: Past
- 4. The Human Role: Present
- 5. Physical Form and Processes6. Water and Sediment Quality
- 7. Key Habitats of the Galveston Bay Watershed
- 8. The Bay's Living Resources
- 9. The Bay and Public Health 10.The Future of Galveston Bay



Connecting the SotB to The Plan WSQ/Ensure Human & Aquatic Use M&R / Inform Science-Bosed Decision Nisking PPE / Engage Communities

SOTB 4th Edition Proposed Sections

- Overviev
 - How to use the State of the Bay website
 - Assessing the state of Galveston Bay
 - Galveston Bay: An overview of the system
 - The Human Role: Past
 - The Human Role: Present
 - Physical Environment



- Water, Sediment & Health:
 - Water and Sediment Quality
 - Freshwater Inflows
 - The Bay and Public Health
- Living Resources:
 - Key Habitats of the Galveston Bay Watershed
 - The Bay's Fish & Wildlife Communities
 - Invasive Species
- Successes, Opportunities & Challenges:
- Imbedded in sections
- TBD Story map Gallery



Summarising Hurricane Harvey's Environmental Impacts Summarising Hurricane Harvey's Environmental Impacts Sum and another than the Summarism of the Summarism

Quality Assurance Project Plan Determine new outline aligned with Galveston Bay Plan (June subcommittee meetings) Acquire data & Additional information Data Bibliography Photos Porfit text & success stories, submit to TCEQ GBEP & stakeholders for review Create website Launch website & release PDF summary document For the Committee of the





Galveston Bay Council April 18, 2018





PROJECT GOALS

- 1. Assess flood risks and roles
- 2. Estimate flood mitigation costs
- Envision the future of flood planning in Texas



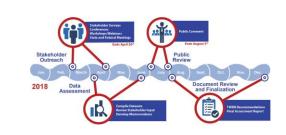


PROJECT GOALS

- will provide a comprehensive understanding of existing programs, risks, and needs for floodplain management and mitigation
- will incorporate broad input from stakeholders
- will not standardize project evaluations or prioritize projects for funding



STATE FLOOD PROJECT TIMELINE





STATE FLOOD STAKEHOLDER WORKSHOPS

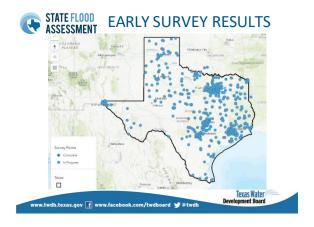


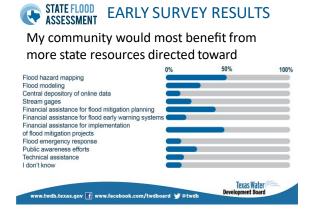














EARLY SURVEY RESULTS

STATE FLOOD











OTHER FLOOD RELATED ACTIVITIES

· Additional flood-hardened USGS stream gages

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- Website enhancements
 - www.TexasFlood.org
 - www.Texmesonet.org
- TexMesonet (website, stations, & partners)
- · Support of NWS flood forecasting
- Expanded funding for Flood Protection Grants
- Expanded community outreach & assistance
- Acquisition of LiDAR data









Mindy Conyers, PhD State Flood Assessment Coordinator 512-463-5102 mindy.conyers@twdb.texas.gov

www.TexasFloodAssessment.com

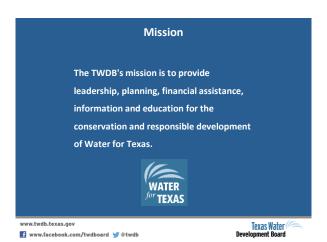




Topics

- What is the Texas Water Development Board (TWDB)?
- What financing tools do we offer?
- How can the TWDB help you complete your project?





TWDB Resources









Texas Water

Development Board

TWDB Across Texas

- Austin
- Harlingen
- Houston
- Lubbock
- Mesquite



Water Planning in Texas

Regional Planning Groups analyze water supply needs on a 50-year planning horizon

- Municipalities, agriculture, industry, and power generation are all considered
- Each regional plan lists recommended water management strategies and their anticipated costs



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Texas Water Development Board

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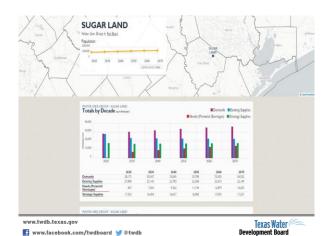


 State Water Plan by Year:
 1961, 1968, 1984, 1990, 1992, 1997, 2002, 2007, 2012, 2017
 next 2022

TEXAS Interactive State Water Plan texasstatewaterplan.org

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Texas Water Development Board



A Toolbox for Public Water Utilities

With the creation of the TWDB, the legislature created a set of financing tools to help public utilities achieve their infrastructure goals.





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A Toolbox for Public Water Utilities

Agricultural Water Conservation Loans/Grants (AG) Clean Water State Revolving Fund (CWSRF)

Drinking Water State Revolving Fund (DWSRF)

Economically Distressed Areas Program (EDAP)

Rural Water Assistance Fund (RWAF)

State Participation Program (SP)

T State Water Implementation Fund for Texas (SWIFT)

Texas Water Development Fund (DFund)

How Can These Tools Work for You?

AAA Bond Rating/ Interest Rate

Funding to accommodate

Some projects qualify for combined funding through multiple programs

All project phases are eligible for funding

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Texas Water

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Texas Water

Eligible Applicants

	CHUET	CHICDE	DIVIGRE	5040	DIAVAS	CD	Dr. 1
	SWIFT	CWSRF	DWSRF	EDAP	RWAF	SP	DFund
Political Subdivisions	6	6	<u> </u>	<u> </u>	6	6	<u> </u>
Non-profit WSC's	6	6	6	6	6	6	6
Investor-owned Utilities			6				

	SWIFT	CWSRF	DWSRF	EDAP	RWAF	SP	DFund
Political Subdivisions	6	6	6	6	6	6	6
Non-profit WSC's	6	6	6	6	6	6	6
Investor-owned Utilities			6				

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Texas Water

Eligible Projects

	SWIFT	CWSRF	DWSRF	EDAP	RWAF	SP	DFund
Water Supply: Current Need	6		6	6	6	6	6
Water Supply: Future Need	6				6	6	6
Water Treatment	6		6	6	6	6	6
Water Transmission & Distribution	6		6	6	6		6
Potable Reuse	6	6	6	6	6	6	6
Wastewater Collection		6		6	6	6	6
Wastewater Treatment		6		6	6	6	6
Nonpoint Source Pollution Control		6					
Flood Control & Storm Water Management		<u>6</u>	6				6

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Texas Water



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Flood Protection Grant Programs



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Pre-Application Meetings





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