# Region 6 - San Jacinto Regional Flood Planning Group April 13, 2023 9:00 AM Hybrid Meeting

# Item 1: Call to Order

# Item 2: Welcome and Roll Call

## Item 3: Registered Public Comments on Agenda Items (Limit of 3 Minutes Per Person)

# Item 4: Texas Water Development Board Update

# Item 5: Approval of Meeting Minutes - February 9, 2023

#### Meeting Minutes Region 6 San Jacinto Regional Flood Planning Group February 9, 2023 at 9:00 AM Hybrid Meeting | Virtual Registration: <u>https://bit.lv/3WYgSs6</u> Harris-Galveston Subsidence District: 1660 West Bay Area Blvd., Friendswood, TX 77546 <u>Roll Call:</u>

Voting Member	Interest Category	Present (x) /Absent ( ) /
	(Executive Committee role)	Alternate Present (*)
Timothy E. Buscha	Industries (Chair)	X (In-Person)
Alia Vinson	Water Districts (Vice Chair)	X (In-Person)
Erwin Burden	Counties (Secretary)	x
Gene Fisseler	Public (At-Large member)	X (In-Person)
Matthew Barrett	River Authorities (At-Large member)	x
Elisa Macia Donovan	Agricultural Interests	x
Connie Pothier	Small Business	X (In-Person)
Paul E. Lock	Electric Generating Utilities	x
Rachel Powers	Environmental Interests	
Stephen Costello	Municipalities	x
Tina Petersen	Flood Districts	X (In-Person)
Todd Burrer	Water Utilities	x
Brian Maxwell	Coastal Communities	X *Bob Kosar
Christina Quintero	Public	x
Neil Gaynor	Upper Watershed	x

Non-voting Member	Agency	Present(x)/Absent()/ Alternate Present(*)
Hope Zubek	Texas Parks and Wildlife Department	x
Michelle Ellis	Texas Division of Emergency Management	
Kristin Lambrecht	Texas Department of Agriculture	х
Joel Clark	Texas State Soil and Water Conservation Board	x
Karla Freyre Stripling	Texas General Land Office	Х
Megan Ingram	Texas Water Development Board	x
Melinda Johnston	Texas Commission on Environmental Quality	
Justin Bower	Houston-Galveston Area Council	x
Ellie Alkhoury	Texas Department of Transportation	X *Alfred Garcia
Tom Heidt	Port Houston	
Michael Turco	Harris-Galveston Subsidence District	
Brandon Wade	Region H Regional Water Planning Group	
Sally Bakko	Gulf Coast Protection District	Х
Lisa Mairs	U.S. Army Corps of Engineers	

Liaisons from RFPG	Regional Flood Planning Group	Present(x)/Absent()/ Alternate Present (*)
Todd Burrer	Trinity Region RFPG	x
Stephen Costello	Neches Region RFPG	x
Michael Turco	Lower Brazos RFPG	

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Liaisons from Other	Entity	Present(x)/Absent(
Entities		Alternate Present (*
Mark Vogler	Lower Brazos RFPG	
Scott Harris	Trinity Region RFPG	
Liv Haselbach	Neches Region RFPG	X
Brandon Wade	Region H Regional Water Planning Group	

Technical Consultant Team	Entity	Present(x)/Absent()/				
Members		Alternate Present (*)				
Cory Stull	Freese and Nichols Inc.	X (In-Person)				
Maggie Puckett	Freese and Nichols Inc.	X (In-Person)				
Brian Edmondson	Freese and Nichols Inc.	X (In-Person)				
Andrew Moore	Halff, Associates	X (In-Person)				
Jacob Torres	Torres & Associates					
Evan Adrian	Torres & Associates	X *Cristian Ayala				
Rachel Herr	Halff, Associates	X (In-Person)				
Mariah Najmuddin	Hollaway Environmental + Communications	X *Connor Stokes				

Project Sponsor	<u>Entity</u>	Present(x)/Absent()/ Alternate Present (*)			
Fatima Berrios	Harris County Engineering Department	X (In-Person)			
Claudia Garcia	Harris County Engineering Department	X (In-Person)			

#### Quorum:

Quorum: Yes Number of voting members or alternates that were present: 14 Number required for quorum per current voting membership of 15: 8

#### Attendees\*\*:

#### Remote:

Auggie Campbell Briana Gallagher Ericka Reyes (FNI) Gary Bezemek (HCFCD) James Bronikowski (TWDB) Jim Robertson Rebecca Andrews Reem Zoun (TWDB) Sandra Ortiz Shane Porter

\*\*Meeting attendee names were gathered from those who entered information on the WebEx meeting registration.

Melvin Spinks

Michael Bloom

Mike Dach

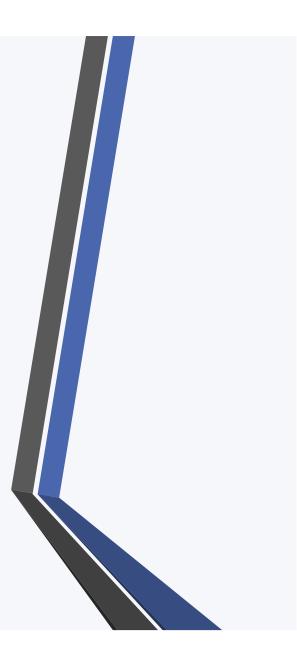
Mel Vargas

Peggy Zahler

Ray Mayo

All meeting materials were available for the public at: <u>Meetings - San Jacinto Regional Flood Planning</u> (sanjacintofloodplanning.org)

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AGENDA ITEM NO. 1: Call to Order Mr. Buscha called the meeting to order at 9:04 a.m.

#### AGENDA ITEM NO. 2: Welcome and Roll Call

Ms. Berrios took attendance and a quorum was determined to be present.

#### AGENDA ITEM NO. 3: Registered Public Comments on Agenda Items (Limit of 3 Minutes Per Person)

Mr. Buscha opened the floor for any registered comments and none were made. Mr. Buscha stated that a written public comment received was made available to all members and the Technical Consultant.

#### AGENDA ITEM NO. 4: Texas Water Development Board Update

Ms. Ingram stated that the Texas Water Development Board was amid the final plan review. No additional updates to be made.

#### AGENDA ITEM NO. 5: Approval of Meeting Minutes - December 8, 2022

Mr. Buscha opened the floor for comments on the December 8, 2022 meeting minutes. Mr. Barrett offered minor comments. Mrs. Vinson moved to approve the minutes, as revised and Mr. Costello seconded. Mr. Buscha called for a vote and announced that the motion passed.

#### AGENDA ITEM NO. 6: Announcement of New Alternate Members and New Non-Voting Members

Mr. Buscha announced that Mr. Gary Bezemek would be alternate for Tina Petersen (Flood Districts) and Lisa Mairs is now representative for the US Army Corps of Engineers.

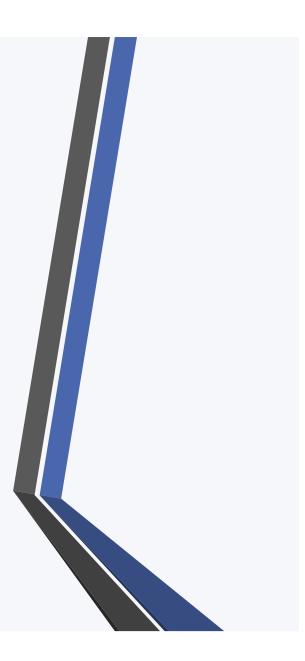
#### AGENDA ITEM NO. 7: Liaison Reports Pertaining to Other Region(s) Progress and Status and other Related Entities:

- a. Trinity Region Mr. Burrer stated that the Trinity Region adopted the Trinity Regional Flood Plan and called for additional data with a January 27<sup>th</sup> deadline for submission. The planning group will present the amended plan at the same time as the SJRFPG.
- b. Neches Region Mr. Costello updated that the Neches Region was in a process similar to the SJRFPG of elevating FMEs to FMPs.
- c. Lower Brazos Region Mr. Buscha noted that Mr. Turco was unavailable to provide an update.
- d. Region H Water Mr. Buscha noted that Mr. Wade was unavailable to provide an update.
- e. Gulf Coast Protection District (GCPD) Ms. Bakko stated that a (House and Senate) BASE budget bill (a budget containing all related legislative appropriations) will be presented to the State legislature and she discussed funding needs for the Coastal Texas Study project. Ms. Bakko stated that she would update the group on the upcoming hearings, during the next RFPG meeting.

#### AGENDA ITEM NO. 8: Officer Elections – Discussion, possible action, and consideration of nominations to the RFPG Executive Committee, including members At-Large

Mr. Buscha stated that the three officer positions and two At-Large member positions that make up the Executive Committee were to be voted on, as required by the bylaws. Mr. Buscha offered the sitting members an opportunity to speak about the opportunity to continue serving. Discussion ensued. Ms. Vinson expressed her wishes to continue to serve as Vice Chair. Mr. Burchen expressed his desire to continue to serve as Secretary. Mr. Barrett expressed his willingness to continue to serve as an At-Large member. Mr. Fisseler stated that he was stepping down in his role leaving one At-Large seat vacant. Mr. Buscha expressed his wishes to continue to serve as Chair. Discussion ensued pertaining to the vacant

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At-Large seat. After nominations were heard for all five positions, a vote was taken and all nominees were approved by the RFPG.

The 2023 elected officers are as follows:

- Chair Tim Buscha: Nominated by Mr. Fisseler, Seconded by Mr. Costello
- Vice Chair Alia Vinson: Nominated by Dr. Petersen, Seconded by Mr. Costello
- Secretary Erwin Burden: Nominated by Ms. Vinson, Seconded by Mr. Costello
- At-Large Member (#1) Matt Barrett: Nominated by Mr. Costello, Seconded by Ms. Vinson

 At-Large Member (#2) – Tina Petersen: Nominated by Mr. Costello, Seconded by Mr. Fisseler Dr. Petersen agreed to serve as At-Large #2 member of the Executive Committee. No further discussion or considerations were heard.

#### AGENDA ITEM NO. 9: Presentation and Update from the Technical Consultant on the development of the Regional Flood Plan; discussion, and possible action from the RFPG as it pertains to:

a. Amending RFP Task Budgets to shift remaining budget in Tasks 1 – 11 to Tasks 12 – 13 Mr. Stull gave an update on the current state of the development of the Regional Flood Plan (the "Plan"). The final Plan was successfully submitted on January 10, 2023 and Ms. Puckett discussed the details of the final Plan's submission. Ms. Puckett shared that the data from the Regional Flood Plan was made available to other flood planning efforts, namely to the Texas General Land Office's Combined River Basin Flood Studies. Mr. Stokes with Hollaway Environmental and Communications gave an overview of public outreach efforts during the development of the Plan and noted statistics regarding email subscribers and website visits.

Ms. Puckett reviewed major accomplishments during the development of the Plan. Discussion ensued.

Ms. Puckett reviewed the budget within Tasks 1 – 11 and in Tasks 12 & 13 and requested that the group vote to shift remaining budget from Tasks 1 – 11 to Tasks 12 & 13 equaling a total amount of \$66,269.09. Mr. Buscha called for a vote and Mr. Costello made a motion to approve the budget allocation. Mr. Fisseler seconded. After a vote was taken, Mr. Buscha announced the vote was approved.

Mr. Stull gave an update on Task 12 FMEs. Ms. Puckett presented results on sponsor outreach and concurrence. Discussion ensued. Ms. Puckett briefly reviewed specific FMEs that were being elevated to FMPs through Tasks 12 and 13. Discussion ensued.

#### AGENDA ITEM NO. 10: Presentation and Update from the Technical Consultant on the ongoing outreach activities; discussion and possible action from the RFPG as it pertains to ongoing efforts

Covered under agenda item 9.

#### AGENDA ITEM NO. 11: Approval and Certification of Administrative Expenses Incurred by The Project Sponsor for The Development of Regional Flood Plan

Mr. Buscha stated he certified the Administrative Expenses presented by the Project Sponsor. Ms. Vinson moved to approve the Administrative Expenses and Mr. Fisseler seconded. After a vote was taken, Mr. Buscha announced the motion passed to approve the expenses.

#### AGENDA ITEM NO. 12: Presentation of 2023 Planning Group Key Dates and Deadlines:

a. Upcoming Planning Schedule Milestones

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#### b. Next RFPG Planning Meeting to be held on April 13, 2023

Mr. Buscha reviewed the upcoming timeline. Ms. Puckett explained the upcoming vote planned for the April meeting regarding the Amended Plan. An overview of additional upcoming milestones and review periods was presented.

#### AGENDA ITEM NO. 13: Update and Discussion Pertaining to In-Person RFPG Meeting Location(s)

Mr. Buscha announced that the Project Sponsor will continue to search for a more centralized location. In the meantime, the RFPG will meet at Harris-Galveston Subsidence District through June 2023.

#### AGENDA ITEM NO. 14: Consider Agenda Items for Next Meeting

- Mr. Buscha identified the following items for the next agenda:
  - Review new FMX data and vote to recommend
  - Amended Plan update

#### AGENDA ITEM NO. 15: Public Comments – Limit 3 Minutes Per Person

Mr. Buscha opened the floor to any public comments. Mr. Mike Dach (AFMN) discussed AFMN's comments to the Plan. Discussion ensued. No further comments were heard.

#### AGENDA ITEM NO. 16: Adjournment

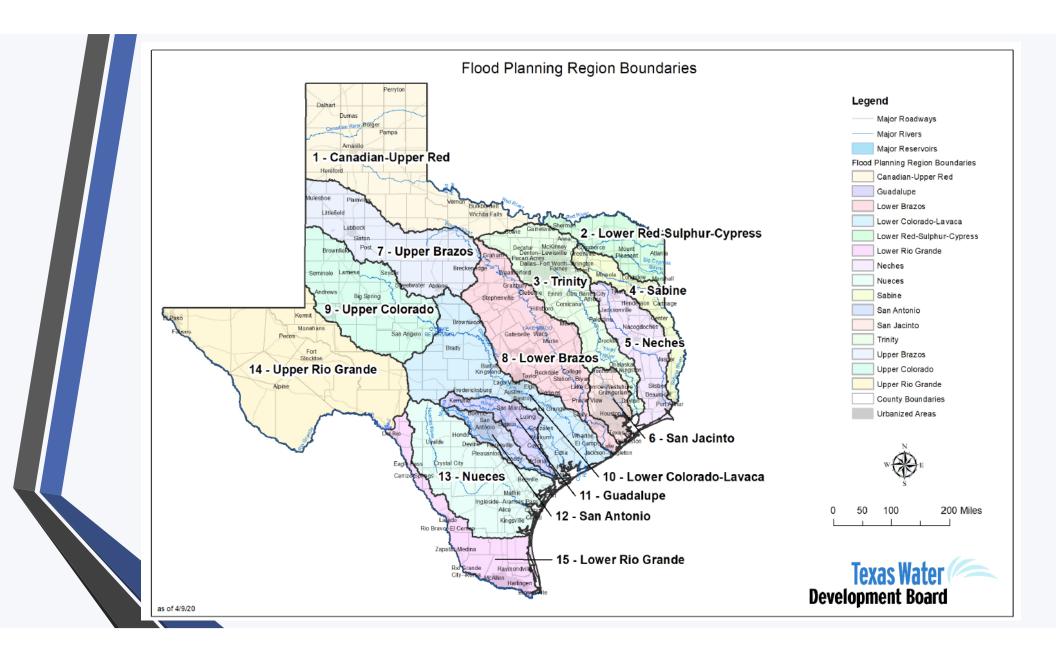
Mr. Buscha announced the meeting was adjourned at 10:29 a.m.

Erwin Burden, Secretary

Tim Buscha, Chair

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## Item 6: Announcement of New Alternate Members and New Non-Voting Members



### Item 7:

Liaison Reports Pertaining to Other Region(s) Progress and Status and other **Related Entities:** a. Trinity Region **b.Neches Region** c. Lower Brazos Region d.Region H Water e.Gulf Coast Protection District (GCPD)

### Item 8: First Planning Cycle Committee Meeting Minutes Closeout – Discussion and possible action from the Executive Committee, Public Engagement Committee, and Technical Committee to finalize and approve previous Committee Meeting Minutes, for record

### **Committee Meeting Minutes (not approved):**

- SJRFPG Executive Committee October 10, 2022
- SJRFPG Technical Committee September 2, 2022
- SJRFPG Public Engagement Committee October 5, 2022

### Item 9:

Presentation and Update from the Technical Consultant on the development of the Regional Flood Plan; discussion, and possible action from the RFPG as it pertains to:

- Recommending Flood Management Evaluations (FMEs), Flood Management Strategies (FMSs) and Flood Mitigation Projects (FMPs) to be included in the Amended Regional Flood Plan due to the TWDB on July 14, 2023
- b. Texas Water Development Board methods for ranking Flood Management Evaluations (FME), Flood Mitigation Projects (FMP), and Flood Management Strategies (FMS) in the 2024 State Flood Plan

# **Technical Consultant Update**



### Agenda

- Updates since February RFPG
- Consider new FMXs for recommendation in the Amended Regional  $\bigvee$  Flood Plan due to the TWDB on July 14, 2023
  - Task 12 FMEs elevated to FMPs
  - Task 13 Additional FMXs submitted by sponsors
- TWDB FME, FMS, and FMP Statewide Ranking Methods
- Upcoming Schedule Milestones

### Updates Since February RFPG Meeting

- 2023 Final Plan Submittal Data transmitted to GLO CRBFS overlapping Regions
  - Transmitted to East Region on March 2, 2023
  - Transmitted to Central Region on March 6, 2023
- TWDB RFIs on 2023 Final Plan Submittal
  - TWDB issued RFIs on the Final Plan submittal on March 22, 2023
  - FNI Responded to RFIs on April 6, 2023

### Task 12 - FMEs Elevated to FMPs

### FMEs Presented at the February RFPG Meeting:

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Project Name	FME ID
Rivershire West – Grand Lake Creek	061000453
37 <sup>th</sup> Street, Galveston, Drainage Project	061000311
Goose Creek Flood Risk Reduction Phases 1, 2, & 3	061000334
White Oak Bayou – Woodland Trails Stormwater Detention Basin	061000344
Willow Creek – M120 Detention/Preservation Site	061000339
Fort Bend County Willow Fork Channel Improvements	061000318
City of Friendswood – Inline & Offline Detention	061000424
Addicks Reservoir Channel Improvements, Bypass Channel, and Detention Basin along South Mayde Creek	061000315
Mary's Creek Improvements	061000063
Brays Bayou – Keegans Bayou Flood Risk Reduction	061000328
Blalock Road Drainage Improvement Project	061000327
G103-38-00 Kingwood Diversion Ditch	061000360

### Task 12 - FMEs Elevated to FMPs

Project Name	FME ID	NEW FMP ID
Rivershire West – Grand Lake Creek	061000453 🗪	063000453
37th Street, Galveston, Drainage Project	061000311	063000311
Goose Creek Flood Risk Reduction Phases 1, 2, & 3	061000334	063000334
White Oak Bayou – Woodland Trails Stormwater Detention Basin	061000344	063000344
Willow Creek – M120 Detention/Preservation Site	061000339	063000339
Fort Bend County Willow Fork Channel Improvements	061000318	-
City of Friendswood – Inline & Offline Detention	061000424	063000424
Addicks Reservoir Channel Improvements, Bypass Channel, and Detention Basin along South Mayde Creek	061000315	063000472
Mary's Creek Improvements	061000063	TBD
Brays Bayou – Keegans Bayou Flood Risk Reduction	061000328	063000328
Blalock Road Drainage Improvement Project	061000327	063000327
G103-38-00 Kingwood Diversion Ditch	061000360	063000360
Danubina Drainage Improvements	061000422	063000422

### Task 12 - FMEs Elevated to FMPs

#### **Project Name**

Rivershire West – Grand Lake Creek

37<sup>th</sup> Street, Galveston, Drainage Project

Goose Creek Flood Risk Reduction Phases 1, 2, & 3

White Oak Bayou – Woodland Trails Stormwater Detention Basin

Willow Creek – M120 Detention/Preservation Site

City of Friendswood – Inline & Offline Detention

Addicks Reservoir Channel Improvements, Bypass Channel, and Detention Basin along South Mayde Creek

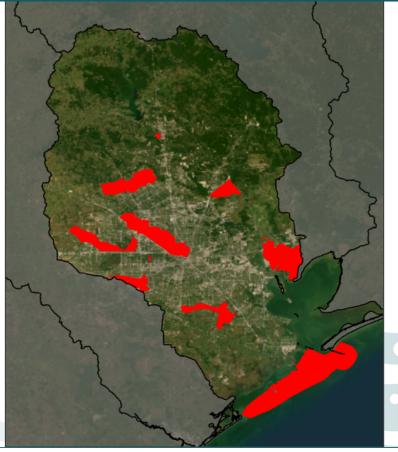
Mary's Creek Improvements

Brays Bayou – Keegans Bayou Flood Risk Reduction

Blalock Road Drainage Improvement Project

G103-38-00 Kingwood Diversion Ditch

Danubina Drainage Improvements

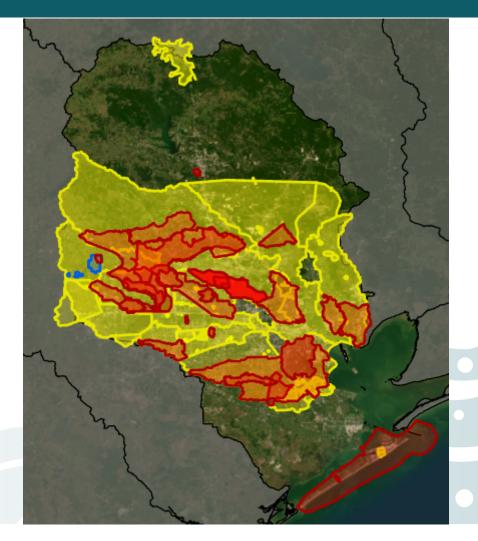


Individual One-Page Summaries of each FMP are included in supplemental materials at SanJacintoFloodPlanning.org

### Task 13 - Additional FMXs

Effort under Task 13:

- Consider new FMXs submitted by sponsors since April 2022
- Consider major changes to FMXs based on sponsor input



## New FMEs, FMSs, and FMPs

- Total New FMXs (Task 13)
  - 21 New FMPs (in addition to Task 12)
  - 84 New FMEs
  - 2 New FMSs
- Sponsors represented:
  - Brookshire-Katy Drainage District
  - City of Baytown
  - City of Bellaire
  - City of Galveston
  - City of Houston
  - City of Huntsville
  - City of League City

- City of Webster
- Coastal Prairie Conservancy
- HCFCD
- HCED
- Harris County MUD 365
- Liberty County WCID#1
- Montgomery County MUDs 83 & 84

## New FMEs, FMSs, and FMPs

- Total New FMXs (Task 13)
  - 21 New FMPs (in addition to Task 12)
  - 84 New FMEs
  - 2 New FMSs

### Sponsors represented:

- Brookshire-Katy Drainage District
- City of Baytown
- **City of Bellaire**
- **City of Galveston**
- City of Houston
- City of Huntsville
- City of League City



New entities sponsoring potential FMXs

- **City of Webster**
- **Coastal Prairie Conservancy**
- HCFCD
- HCED
- Harris County MUD 365
- Liberty County WCID#1
- Montgomery County MUDs 83 & 84

## New FMEs, FMSs, and FMPs

Materials Provided for review:

- One-Page Summaries
- Tabular Data (PDF, excel)

Future materials for review:

• Updated GIS Dashboard

Title Sist Street L	Prainage Basin Pu	mp Station F	Project					R	F	G	1 0	Ν	6
ID# 061000541										•			
Sponsor (name of	entity, not perso	n) Galvesto	n (Count	y)									
RFPG recommend	17 -	Reason	n for Rec	ommendation	-								
Study Details													
Study type	Project Planning	3											
	reduce flooding		ect area a		Ū								
New Hydrologic o		17 -		Emergency			Existin	g/Antici	pated m	odels i	n near ter	m? -	
County Galvesto			v	Vatershed HU		n) -							
Drainage area (Sq	uare miles, est.)			Goal(s)									
100-Year Flood	Risk Summar	¥											
Population at risk	6,139			# of structure	\$ 1,900			Critical	facilities	22			
Flood risk type:	Riverine? No		Coasta	I? Yes	Local?	Yes	Playa?	No	0	ther?	No		
Farm/Ranch land	impacted (acres)	-			Roadv	ay(s) impacte	d (length)	26					
Number of low wa	ater crossings	0			Histor	cal road closu	ires	0					
Estimated Cost	and Funding	Availability	y										
Total Cost	\$9,000,000	Ar	mount of	Available Fun	ding -		Fe	deral fu	nding av	ailabili	ty -		
Funding source													
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### **Considerations for FMEs**

- FMEs that are most likely to identify potentially feasible FMSs/FMPs
- FMEs that evaluate, at a minimum, the 100year
- FMEs that support goals adopted by the RFPG
- Overlap between FMEs or ongoing studies
- FMX sponsorship does not obligate the entity to take action or take financial responsibility

### **Considerations for FMS/Ps**

- FMPs demonstrate flood risk reduction in the 100-year
- FMPs may not negatively impact neighboring areas
- FMPs that contribute to water supply may not result in an overallocation of a water source
- Overlap or redundancy in proposed FMS/Ps
- Focus on FMS/Ps with contributing drainage area greater than 1 square mile
- FMX sponsorship does not obligate the entity to take action or take financial responsibility

# Recommendation of New FMXs 💡

<u>GOAL:</u> Approve FMEs, FMSs, and FMPs listed in supplemental materials to be recommended in the Amended Regional Flood Plan due July 14, 2023.

### Approach:

- Determine if there are any actions on the list of identified FMXs that the RFPG should not support
- Encourage the RFPG to favor inclusion of FMXs understanding that there is *no obligation to take action and no financial commitment associated with FMX sponsorship*

- TWDB released ranking methods on March 2, 2023
  - <u>https://www.twdb.texas.gov/flood</u> /planning/sfp/index.asp
  - Deadline for feedback is April 14<sup>th</sup>
- TWDB hosted webinar on March 22, 2023 on ranking methods and to solicit preliminary input

#### Texas Water Development Board

Home Board Financial Assistance Water Planning Groundwater Surface Water Flood Dr

#### **State Flood Planning**

In 2019, the Texas Legislature passed Senate Bill 8 directing the creation of the firstever state flood plan for Texas. Statute requires that all recommended flood mitigation projects be ranked in the state flood plan. The 15 Regional Flood Planning Groups (RFPG), designated by the TWDB in 2020, will submit their amended regional flood plans to TWDB by July 10, 2023. The TWDB will combine the approved regional flood plans into a single state flood plan to be delivered to the Legislature by September 1, 2024.

#### Soliciting Stakeholder Feedback on Proposed Methods for Ranking Recommended Flood Mitigation Projects

Submission Deadline: Extended to April 14, 2023

The Texas Water Development Board (TWDB) is soliciting public feedback on Proposed methods for ranking recommended Flood Management Evaluations (FME), Flood Mitigation Projects (FMP), Flood Management Strategies (FMS) in the 2024 State Flood Plan. The intent of the TWDB ranking methods for the state flood plan is to provide a consistent approach to be used across all Texas regions to systematically address, in general, the flood hazard with most population, properties and critical facilities at risk first in the state during a 1% annual chance flood. The proposed

- TWDB released ranking methods on March 2, 2023
  - <u>https://www.twdb.texas.gov/flood</u>
    <u>/planning/sfp/index.asp</u>
  - Deadline for feedback is April 14<sup>th</sup>
- TWDB hosted webinar on March 22, 2023 on ranking methods and to solicit preliminary input
- Extension granted (April 20<sup>th</sup>) for San Jacinto region to allow the RFPG to meet and discuss feedback

#### Texas Water Development Board

Home Board Financial Assistance Water Planning Groundwater Surface Water Flood Dro

#### **State Flood Planning**

In 2019, the Texas Legislature passed Senate Bill 8 directing the creation of the firstever state flood plan for Texas. Statute requires that all recommended flood mitigation projects be ranked in the state flood plan. The 15 Regional Flood Planning Groups (RFPG), designated by the TWDB in 2020, will submit their amended regional flood plans to TWDB by July 10, 2023. The TWDB will combine the approved regional flood plans into a single state flood plan to be delivered to the Legislature by September 1, 2024.

#### Soliciting Stakeholder Feedback on Proposed Methods for Ranking Recommended Flood Mitigation Projects

Submission Deadline: Extended to April 14, 2023 ONLINE FEEDBACK FORM

The Texas Water Development Board (TWDB) is soliciting public feedback on Proposed methods for ranking recommended Flood Management Evaluations (FME), Flood Mitigation Projects (FMP), Flood Management Strategies (FMS) in the 2024 State Flood Plan. The intent of the TWDB ranking methods for the state flood plan is to provide a consistent approach to be used across all Texas regions to systematically address, in general, the flood hazard with most population, properties and critical facilities at risk first in the state during a 1% annual chance flood. The proposed

### Materials Provided:

- Documentation
- Criteria Matrix
- Excel Workbooks
  - FMPs
  - FMEs
  - FMSs

#### FMS.

Please use the links below to download supporting information and each Excel workbook for ranking FME, FMP, and FMS, respectively. The data provided in each workbook was compiled from the fifteen regional flood plans. This data is considered DRAFT data and provided for ranking feedback purposes ONLY.

- 🔀 Supporting Information
- 🔀 Proposed Ranking Criteria and Weight
- Flood Management Evaluations (FME) Workbook
- Elood Mitigation Projects (FMP) Workbook
- Elood Management Solutions (FMS) Workbook

**Note:** While inclusion in the state flood plan is a requirement for eligibility for future FIF project funding, the associated rankings are not intended for allocating state funding. Future funding decisions will occur through a separate TWDB process if and when funds are appropriated by the Texas Legislature. How the state flood plan project ranking may be considered in future flood project funding prioritization and allocation processes remains to be determined although it is anticipated that the state flood plan ranking will be at least one of the considerations.

#### Webinars

For questions about the State Flood Plan, please contact  $\boxtimes$  <u>Reem Zoun</u> or  $\boxtimes$  <u>Tressa Olsen</u>

Objective for today's meeting:

- Discuss ranking methods as a group to identify feedback specific to the San Jacinto region
- Decide how to submit feedback on behalf of the SJRFPG and how the Technical Consultant team can support
- Consider the following:
  - Including feedback on criteria Region 6 agrees with
  - Consider data availability for the first cycle
  - Differentiating between ranking and future FIUPs
  - Providing actionable recommendations

Ranking is generally intended:

- To identify areas with the worst existing risk of flooding in the 1% annual chance floodplain
- To identify flood risk mitigation solutions that may result in greater overall reduction in flood risk
- To primarily focus on projects with the greater potential to mitigate the risk to life and property

Ranking is **NOT** intended as a method for allocating state funding

- How the state flood plan project ranking may be considered in future flood project funding prioritization and allocation processes remains to be determined
- It is anticipated that state flood plan ranking will be at least one of the considerations

		Criteria Name	Criteria Type	Criteria Grouping	FME Ranking Criteria	FME Ranking Weight	FME Grouping Weight	FMP Ranking Criteria	FMP Ranking Percent Weight	FMP Grouping Weight	FMS Ranking Criteria	FMS Ranking Percent Weight	FMS Grouping Weight
	1	Emergency Need (Y/N)	Other		No	0.0%		No	0.0%		No	0.0%	
	2	Estimated number of structures at 100yr flood risk	Flood Risk		Yes	15.0%		No	0.0%		Yes	10.0%	
	3	Residential structures at 100-year flood risk	Flood Risk	Life, Safety and	Yes	10.0%		No	0.0%		Yes	5.0%	
	- 4	Estimated Population at 100-year flood risk	Flood Risk	Structures	Yes	15.0%	80.0%	No	0.0%	0.0%	Yes	10.0%	45.0%
SES	5	Critical facilities at 100-year flood risk (#)	Flood Risk	Structures	Yes	20.0%		No	0.0%		Yes	10.0%	
CLASSES	6	Number of low water crossings at flood risk (#)	Flood Risk		Yes	20.0%		No	0.0%		Yes	10.0%	
		Estimated number of road closures (#)	Flood Risk	Mobility	Yes	5.0%	15.0%	No	0.0%	0.0%	Yes	5.0%	15.0%
URE	8	Estimated length of roads at 100-year flood risk (Miles)	Flood Risk	wideling	Yes	10.0%	13.070	No	0.0%	0.070	Yes	10.0%	13.070
FEAT		Estimated farm & ranch land at 100-year flood risk (acres)	Flood Risk	Agriculture	Yes	5.0%	5.0%	No	0.0%	0.0%	Yes	5.0%	5.0%
8	10	Number of structures with reduced 100yr (1% annual chance) Floodplain	Flood Risk Reduction					Yes	5.0%		No	0.0%	
FMS	11	Number of structures removed from 100yr (1% annual chance) Floodplain	Flood Risk Reduction	1				Yes	5.0%		Yes	10.0%	
IP and	12	Percent of structures removed from 100yr (1% annual chance) Floodplain (Calculated by TWDB from reported data)	Flood Risk Reduction	Life, Safety and				Yes	10.0%				
FMP	13	Residential structures removed from 100yr (1% annual chance) Floodplain	Flood Risk Reduction	Structures				No	0.0%	50.0%	No	0.0%	20.0%
FME,		Estimated Population removed from 100yr (1% annual chance) Floodplain	Flood Risk Reduction					Yes			Yes		
E .				-					10.0%			10.0%	
≧		Critical facilities removed from 100yr (1% annual chance) Floodplain (#)	Flood Risk Reduction	-				Yes	10.0%		No	0.0%	
FROI	16	Number of low water crossings removed from 100yr (1% annual chance) Floodplain (#)	Flood Risk Reduction					Yes	10.0%		No	0.0%	
DATA	17	Estimated reduction in road closure occurrences	Flood Risk Reduction	Mobility				No	0.0%	5.0%	No	0.0%	0.0%
8	18	Estimated length of roads removed from 100yr floodplain (Miles)	Flood Risk Reduction	1				Yes	5.0%		No	0.0%	
REPORTED	19	Estimated farm & ranch land removed from 100yr floodplain (acres)	Flood Risk Reduction	Agriculture				Yes	5.0%	5.0%	No	0.0%	0.0%
E	20	Cost per structure removed from 100-year floodplain	Other					No	0.0%		No	0.0%	
~	21	Percent Nature-based Solution (by cost)	Other					Yes	2.5%		Yes	5.0%	
	22	Benefit-Cost Ratio	Other					Yes	2.5%				
	23	Water Supply Benefit (Y/N)	Other					Yes	5.0%		Yes	10.0%	
		Subtotal				100.0%			70.0%			100.0%	
ш	24	Score 1: Severity - Pre-Project Average Depth of Flooding (100-year)	Flood Risk					Yes	5.0%				
SOME	25	Score 2: Severity - Community Need (% Population)	Flood Risk					No	0.0%				
s,s	26	Score 3: Flood Risk Reduction	Flood Risk Reduction					See above	0.0%				
(COMPUTED BY RFPG, MAY EXIST)	27	Score 4: Flood Damage Reduction	Flood Risk Reduction					Yes	2.5%				
ST)	28	Score 5: Critical Facilities Damage Reduction	Flood Risk Reduction					No	0.0%				
(COMPL	29	Score 6: Life and Safety	Flood Risk Reduction					Yes	5.0%				
	30	Score 7: Water Supply	Other Benefits					Yes	5.0%				
Ni	31	Score 8: Social Vulnerability	Other					Yes	2.5%				
SCORING		Score 9: Nature-Based Solution	Other Benefits					See above	0.0%				
SS		Score 10: Multiple Benefits	Other Benefits					Yes	2.5%				
OUI AIL		Score 11: O&M	Other					Yes	2.5%				
DETAILS : DUPL		Score 12: Admin, Regulatory Obstacles	Other					No	0.0%				
5		Score 13: Environmental Benefit	Other Benefits					Yes	2.5%				
E I	_	Score 14: Environmental Impact	Other Benefits					No	0.0%				
PROJECT		Score 15: Mobility	Other Benefits					Yes	2.5%				
FMP1	39	Score 16: Regional (Geographic Distribution)	Other Benefits					No	0.0%				
E		Subtotal				0.0%			30.0%			0.0%	

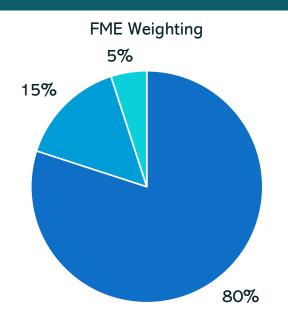
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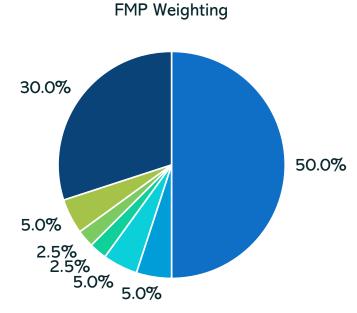
100.0%

Subtotal Total

## Statewide Ranking Methods



- Life, Safety, and Structures (existing risk)
- Mobility (existing risk)
- Agriculture (existing risk)



- Life, Safety, and Structures (reduction in risk)
- Mobility (reduction in risk)
- Agriculture (reduction in risk)
- Percent Nature-based Solution (by cost)
- BCR
- Water Supply Benefit (Y/N)
- Other FMP Benefits & Considerations

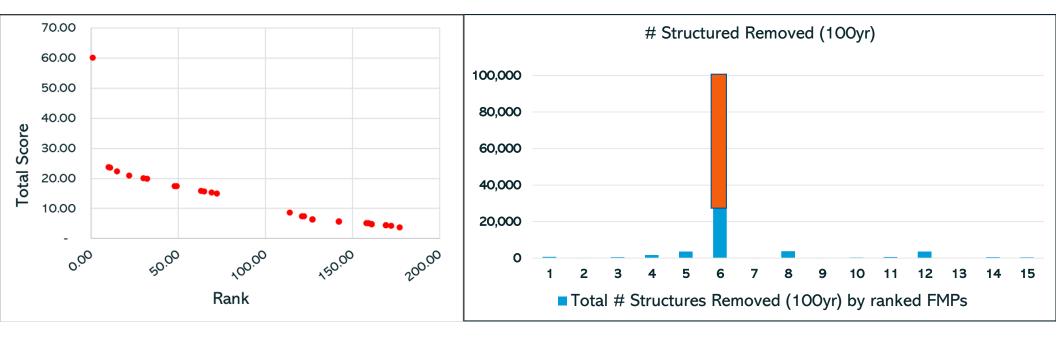
#### Statewide Ranking Methods - FMEs

- Region 6 had 351 Ranked FMEs
  - Total of 2,341 statewide
- Highest ranked Region 6 FMEs were Mega-Project planning and Regionalscale studies
  - Highest ranked FMEs tied for 2<sup>nd</sup>
- Lowest ranked Region 6 FMEs were small, municipal master drainage plans

Region Number	Avg Rank FMEs
14	561
4	756
6	892
9	975
2	1000
3	1051
5	1086
11	1170
7	1174
1	1176
8	1241
13	1484
10	1490
15	1523
12	1586

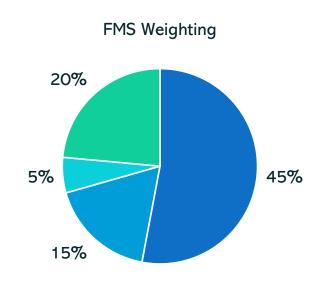
#### Statewide Ranking Methods - FMPs

- The USACE Galveston Bay CSRM was the highest ranked FMP statewide
- Non-structural FMPs tended to rank lower on the list
- Region 6 had 37 Ranked FMPs (Total of 205 statewide)



#### Statewide Ranking Methods - FMSs

- Region 6 had 63 ranked FMSs
  - Total of 375 statewide
- Highest ranked Region 6 FMSs had the same delineated extent
  - Highest ranked FMSs tied for 1st
- FMSs statewide tended to include:
  - Education and outreach
  - Property Acquisition
  - Conservation
  - Updates to regulation



- Life, Safety, and Structures (existing risk)
- Mobility (existing risk)
- Agriculture (existing risk)
- Life, Safety, and Structures (reduction in risk)

#### **Upcoming Schedule Milestones**



- RFPG meeting to Recommend FMXs
- RFPG to submit feedback on Ranking Methods by April 20, 2023
- Technical Consultant to Revise Volumes 1 and 2 of the RFP

#### May

- No RFPG meeting
- RFPG review of revised RFP earlymid May
- Technical Consultant to address comments on the revised RFP from the RFPG

#### June

RFPG meeting to approve revisions to the RFP and authorize the Technical Consultant to submit the Amended RFP to the TWDB on July 14, 2023

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## Item 10: Presentation and Update from the Technical Consultant on the ongoing outreach activities; discussion and possible action from the RFPG as it pertains to ongoing efforts

### Item 11: Approval and Certification of Administrative Expenses incurred by the Project Sponsor for the development of Regional Flood Plan

#### Administrative Expenses Incurred by Project Sponsor for 1/14/2023 – 3/10/2023

Name	From	То	Hours Worked	Total Salary	Social Security	Group Insurance	Workers Comp	Unemployment Insurance	Retirement	Total
F. Berrios	1/28/2023	2/10/2023	5.00	174.20	13.33	39.40	1.53	0.17	27.35	255.98
C. Garcia	1/14/2023	1/27/2023	1.25	34.84	2.67	9.85	0.31	0.03	5.47	53.17
C. Garcia	1/28/2023	2/10/2023	4.75	132.38	10.13	37.43	1.16	0.13	20.78	202.01
C. Garcia	2/11/2023	2/24/2023	1.00	27.87	2.13	7.88	0.25	0.03	4.38	42.54
C. Garcia	2/25/2023	3/10/2023	1.45	40.41	3.09	11.43	0.36	0.04	6.34	61.67
			Totals:	409.70	31.35	105.99	3.61	0.40	64.32	615.37

#### Item 12: Presentation of 2023 Planning Group Key Dates and Deadlines: a. Upcoming Planning Schedule Milestones b. Next RFPG Planning Meeting to be held on

June 8, 2023

## Item 13: Update and Discussion Pertaining to In-Person RFPG Meeting Location(s)

# Item 14: Consider Agenda Items for Next Meeting

## Item 15: Public Comments – Limit 3 Minutes per Person

# Item 16: Adjournment