Region 6 - San Jacinto Regional Flood Planning Group September 8, 2022 9:00 AM **Hybrid Meeting**

Item 1: Call to Order

Item 2: Welcome and Roll Call

Item 3: Registered Public Comments on Agenda Items (3 minutes limit per person)

Item 4: Texas Water Development Board Update

Item 5: Approval of minutes - August 11, 2022

Meeting Minutes

Region 6 San Jacinto Regional Flood Planning Group August 11, 2022 at 9:00 AM

Hybrid Meeting | Virtual Registration: https://bit.ly/3zo6ArX

Houston Advanced Research Center: 8801 Gosling Rd., The Woodlands, TX 77381

Roll Call:

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
Erwin Burden	Counties (Secretary)	X (In-Person)
Gene Fisseler	Public (At-Large member)	X (In-Person)
Matthew Barrett	River Authorities (At-Large member)	X (In-Person)
Elisa Macia Donovan	Agricultural Interests	X
Connie Pothier	Small Business	X
Paul E. Lock	Electric Generating Utilities	X (In-Person)
Rachel Powers	Environmental Interests	*Charlotte Cisneros
Stephen Costello	Municipalities	X
Dena Green	Flood Districts	*Dr. Tina Petersen
Todd Burrer	Water Utilities	X
Brian Maxwell	Coastal Communities	*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	Х
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	*Alfred Garcia
Tom Heidt	Port Houston	
Michael Turco	Harris-Galveston Subsidence District	Х
Brandon Wade	Region H Regional Water Planning Group	x
Sally Bakko	Gulf Coast Protection District	X
Eric Stevens	U.S. Army Corps of Engineers	

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



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

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: 15 Number required for quorum per current voting membership of 15: 8

Attendees**:

In Person: Mr. John Graziano

Remote:

Brian Edmondson Ericka Nicole Sunstrum (GCPD)
Caitlin Heller Sam Hinojosa Peggy Zahlaer
Call-in User_2 James Bronikowski (TWDB) Samantha Haritos
Christian Ayala Jill Boullion Susan Chadwick
Terry Barr

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

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



Mr. Buscha called the meeting to order at 9:00 a.m.

AGENDA ITEM NO. 2: Welcome and Roll Call

Ms. Berrios took attendance. 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 registered public comments and there were none.

AGENDA ITEM NO. 4: Texas Water Development Board Update

Mr. Buscha yielded the floor to Ms. Ingram for Texas Water Development Board updates. Ms. Ingram reported that the draft Regional Flood Plan was reviewed and deemed administratively complete. Ms. Ingram stated that the Texas Water Development Board will now formally conduct a technical review of the draft plan.

AGENDA ITEM NO. 5: Approval of Meeting Minutes – July 14, 2022

Mr. Buscha opened the floor for comments on the July 14, 2022 meeting minutes. Mr. Barrett offered minor comments. Ms. Fisseler moved to approve the minutes, as revised and Mr. Burden seconded. Mr. Buscha called for a vote and Mr. Costello abstained. Mr. Buscha announced the motion to approve the July 14 meeting minutes passed.

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

Ms. Berrios announced three new alternates:

- · Charlotte Cisneros for Environmental interests (Rachel Powers)
- Dr. Tina Petersen for Flood Districts (Dena Green)
- Isabel Fung for Counties (Erwin Burden)

AGENDA ITEM NO. 7: Nomination, discussion, and possible action to elect the SJRFPG Secretary

After reviewing the Secretary duties, Mr. Buscha opened the floor to discussion of nominations for the Secretary position and discussion ensued. Mr. Fisseler moved to nominate Mr. Burden to serve as Secretary and Mr. Costello seconded. A vote was taken with Mr. Burden abstaining. Mr. Buscha announced the motion carried to elect Mr. Burden as Secretary.

AGENDA ITEM NO. 8: Liaison Reports Pertaining to Other Region(s) Progress and Status:

- a. Trinity Region Mr. Burrer reported on the Trinity Flood Planning Group. He directed members to <u>www.trinityrfp.org</u> for more information.
- b. Neches Region Mr. Costello updated that the Neches Region draft Flood Plan is posted for review. Mr. Costello directed the group to www.nechesfloodplanning.org. Ms. Haselbach noted that on September 9, from 2-4pm at Lamar University the first public input meeting on the draft Flood Plan for the Neches Region would be held.
- c. Lower Brazos Region Mr. Turco reported that the Lower Brazos Region posted its draft plan. Mr. Turco continued to update that a meeting is scheduled on September 22, for public input. Mr. Wade, the Lower Brazos Region Chair, confirmed.
- d. Region H Water Mr. Wade stated that during the last Region H meeting, the group went over population demands. The next meeting is November 2.
- e. Gulf Coast Protection District (GCDP) Ms. Bakko yielded her time to the next agenda item.

AGENDA ITEM NO. 9: Presentation by Gulf Coast Protection District – Overview of the Gulf Coast Protection District

Mr. Buscha reminded the Group that the GCDP has previously offered to provide a presentation. Ms. Bakko introduced Nicole Sunstrum, the Executive Director of GCPD. Ms. Sunstrum gave an overview of the GCPD and its charge. Ms. Bakko continued the presentation with updates on recent Congressional actions regarding the 2022 Water Resources Development Act. Ms. Bakko and Ms. Sunstrum concluded the presentation and opened the floor to comments or questions. Discussion ensued.

AGENDA ITEM NO. 10: Presentation and Update from the Technical Consultant on the development of the Regional Flood Plan

Mr. Buscha yielded the floor to the Technical Consultants. Mr. Stull gave an update on the submittal of the draft Regional Flood Plan. Ms. Puckett discussed amending the draft Regional Flood Plan and future public meetings. She briefed the group about the public comment period, differing methods to call for public input on the draft Regional Flood Plan, and other considerations. Ms. Puckett reviewed the upcoming schedule of further development to the draft Regional Flood Plan. She stated that Tasks 11-13 are largely focused on increasing outreach to key stakeholders and elevating projects to be considered by the Texas Water Development Board.

Ms. Puckett presented details of Task 12: Perform FMEs for additional FMPs and mentioned the Technical Committee would be meeting to discuss a prioritization framework. Discussion ensued.

AGENDA ITEM NO. 11: Update and recommendation(s) from the Public Engagement Committee; discussion, and possible action from the RFPG as it pertains to the location and strategies for the upcoming Public Outreach meetings and locations for the hard copy draft RFP

Ms. Najmuddin stated that after the Public Engagement Committee meeting, its members came to a consensus to have two meetings: one virtual meeting and one in-person meeting. They are set for September 27 and September 29. Ms. Najmuddin reviewed further considerations such as locations and meeting formats. Discussion ensued. Ms. Najmuddin also stated the considerations taken into account when choosing locations for housing the hardcopy draft Regional Flood Plan for the 60-day public input period. Ms. Najmuddin opened the floor to comments. Discussion ensued.

Mr. Buscha called for a vote be taken to approve the locations of the hard copies of the draft Regional Flood Plan. Mr. Fisseler moved to approve the suggested locations and Ms. Vinson seconded. Ms. Pothier offered to send the information to additional key stakeholders. Mr. Buscha called for a vote and announced the motion carried to approve the locations to house the hard copies of the draft Regional Flood Plan.

Mr. Buscha reviewed the recommendations by the Public Engagement Committee for the upcoming public outreach meetings. Mr. Fisseler made a motion to approve the two-meetings identified and Mr. Barrett seconded. Mr. Buscha took a vote and announced the motion carried to approve the Public Engagement Committee's recommendations regarding the draft RFP Public Input strategy.

AGENDA ITEM NO. 12: Approval and Certification of Administrative Expenses Incurred by The Project Sponsor for the Development of Regional Flood Plan

Mr. Buscha reported that he had reviewed and confirmed the Project Sponsor expenses. Ms. Vinson motioned to approve the Project Sponsor expenses. Mr. Costello seconded. A vote was taken and Mr. Buscha stated the motion to approve the Administrative Expenses carried.



AGENDA ITEM NO. 13: Presentation of 2022 Planning Group Key Dates and Deadlines:

- a. Upcoming Planning Schedule Milestones
- b. Next SJRFPG Planning Meeting to be held on September 8, 2022

In addition to the items listed above, Mr. Buscha stated that during the planning meeting that falls on December 8, the RFPG would be tasked with approving the final version of the Regional Flood Plan. All members should "save the date" of that meeting. Mr. Buscha reminded the group that the next RFPG meeting is September 8.

AGENDA ITEM NO. 14: Update and Discussion Pertaining to In-Person RFPG Meeting Location(s)

Mr. Buscha requested that the Project Sponsor seek additional venues for the September meeting. Mr. Buscha indicated that the September meeting would potentially be at HARC.

AGENDA ITEM NO. 15: Reminder Regarding Planning Group Member Training on Public Information Act and Open Meetings Act

Mr. Buscha reminded the group that anyone who hasn't completed the training needs to do so and submit records to the Project Sponsor.

AGENDA ITEM NO. 16: Consider Agenda Items for Next Meeting

Mr. Buscha identified the following items for the next agenda:

- Technical Committee meeting and possible recommendations
- Presentation by the GLO

AGENDA ITEM NO. 17: Public Comments - Limit 3 Minutes Per Person

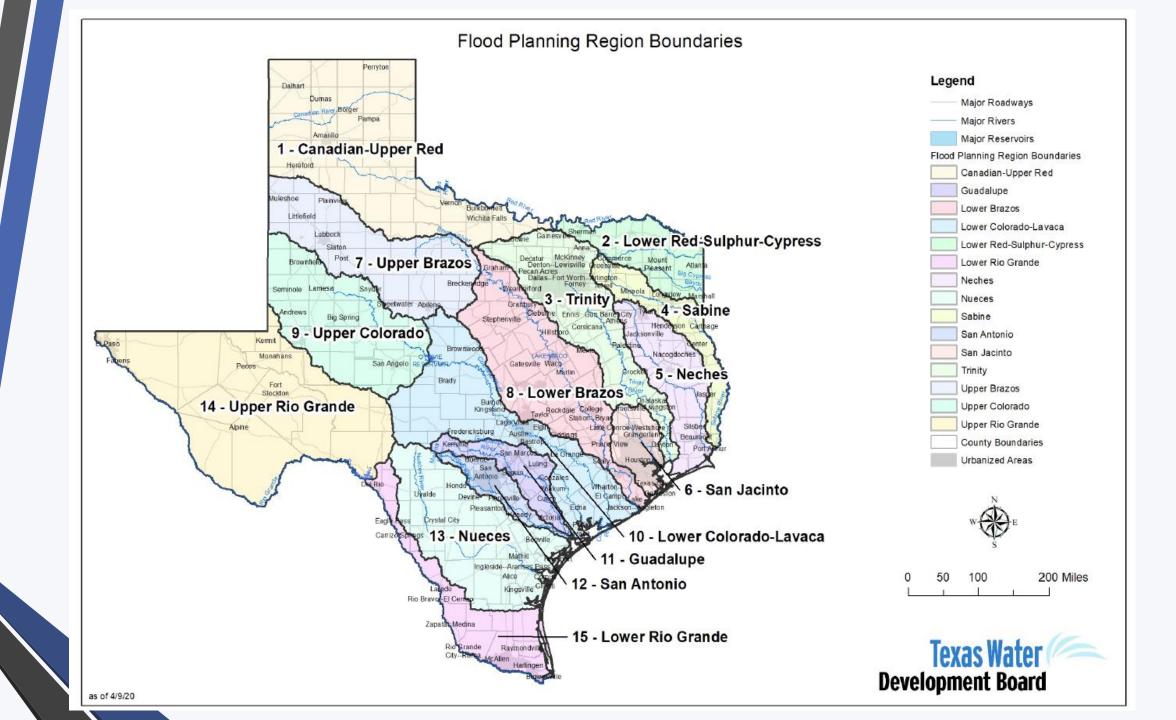
Mr. Buscha opened the floor to public comments. Mr. Graziano suggested to the RFPG to reach out to the various Farm Bureau offices to clarify the message the RFPG is intending to communicate.

AGENDA ITEM NO. 18: Adjournment

Mr. Buscha announced the meeting was adjourned at 10:33 a.m.	
Erwin Burden, Secretary	

Timothy Buscha, Chair

Item 6: Announcement of new Alternate Members and new Non-Voting Members



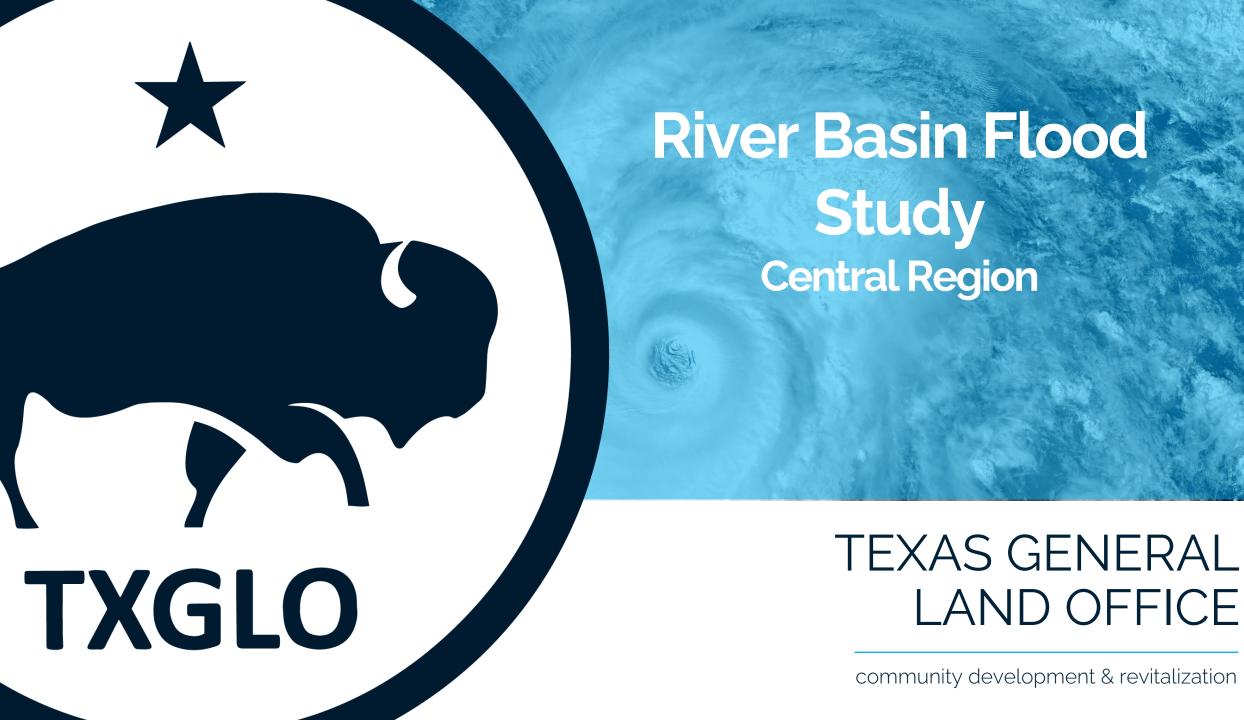
Item 7:

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

Item 8:

Presentation by GLO Combined River Basin Flood Study Central Region Team – Study Update and Potential Future Leveraging Opportunities



Agenda

1. Study Overview



2. Coordination to Date



3. Potential Future Leveraging





REGIONAL FLOOD STUDY OVERVIEW



Accurately model and evaluate flood risks within the study area



Assist communities in developing regional, cost-effective flood mitigation projects

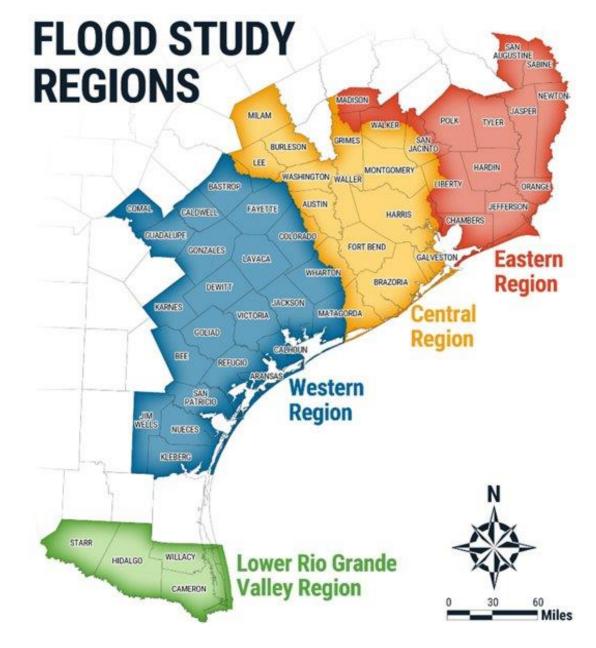


Determine potential funding sources for mitigation projects



Central Region

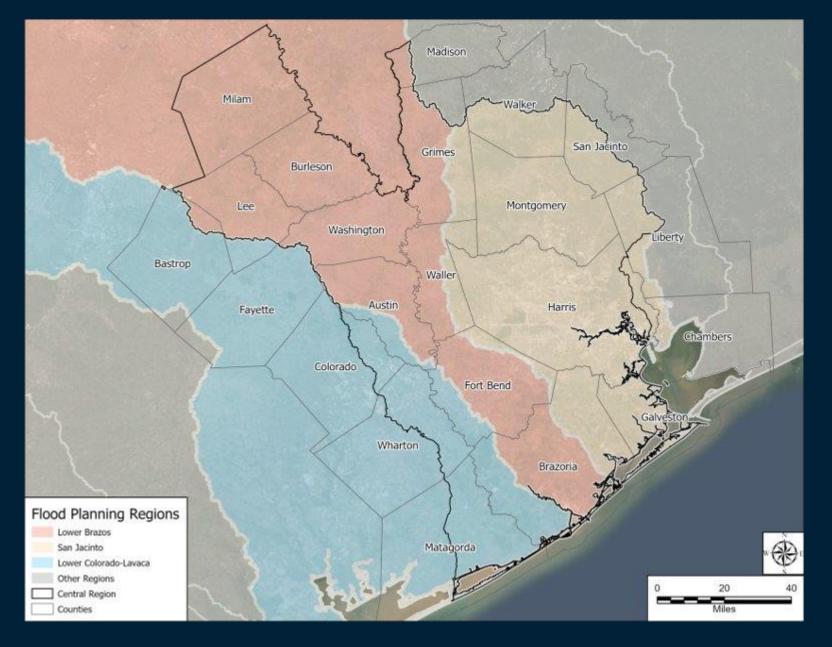
- Counties within the region received a presidential disaster declaration from Harvey
- Includes 20 counties with an estimated total population of 6,600,000 people
- Located within the Brazos-San Jacinto-Houston Bayou watershed
- Includes 10,000 miles of streams
- 1,000 flooding events occurred in the last 25 years
- Economic impact of 40 billion dollars in the last 10 years







Flood Planning Regions







Combined River Basin Flood Study

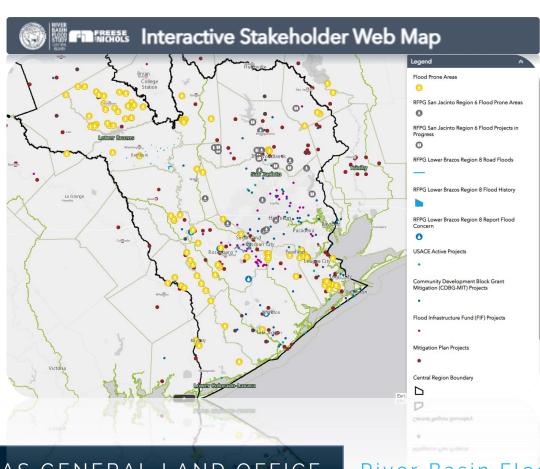
Regional Flood Plans

Texas General Land Office (GLO)	Study Lead	Texas Water Development Board (TWDB)
Presidentially declared disaster-impacted counties within Texas	Location	All of Texas
One-time	Delivery Timeline	Cyclical (updated every 5 years)
Evaluate flood risks to develop large, regional mitigation projects and align them with funding opportunities	Project Goals	Develop Regional and State Flood Plan
Varying levels of detail. Medium-high detail in some areas to support project development	Level of Detail	Planning-level



Coordination to Date

San Jacinto Regional Flood Planning Group – Region 6



Data Shared

GLO → **RFPG**

All collected data, including stakeholder web map data (flood prone areas, projects)

RFPG → GLO

Flood-prone areas and ongoing projects identified by stakeholders

TXGLO

River Basin Flood Study

Potential Future Leveraging

First Cycle of Regional Flood Planning

RFPG data → GLO

GLO Task RFPG Data to be Potentially Used Baseline Flood Existing infrastructure, Modeling ongoing project data Needs analysis results, hazard Hot Spot data, & exposure data Analysis Recommended FMEs, FMSs, Project Identification & FMPs



Potential Future Leveraging

Second Cycle of Regional Flood Planning

GLO data → RFPG

GLO Data to be Potentially Used RFPG Task Flood infrastructure data Flood modeling results, flood-prone areas, exposure datasets **4A** Hot spot analysis results 4B/5 Potential projects



Planning together will promote unity, trust, and empowers decision-makers to better protect Texans from disasters.

QUESTIONS?

Morgan White 512-617-3171

Glofloodstudies.central @recovery.texas.gov

- Texas General Land Office
- (O) @glotx
- @txglo





Item 9:
Presentation and Update from the Technical
Consultant on the development of the
Regional Flood Plan



Technical Consultant Update



Agenda



- Public Comment Period on the Draft RFP
 - Updates on Solicitation Efforts
 - Comments Received

- Amending the First RFP
 - Outreach to Sponsors
 - Considerations for Task 12
- Project Schedule through the Amended Plan

Public Review Opportunities



Draft Plan is available at the:

- RFPG website: <u>SanJacintofloodplanning.org</u>
- George & Cynthia Woods Mitchell Library (The Woodlands)
- McGovern-Stella Link Neighborhood Library (Houston)
- Rosenburg Library (Galveston)



Public Review – Recent Efforts





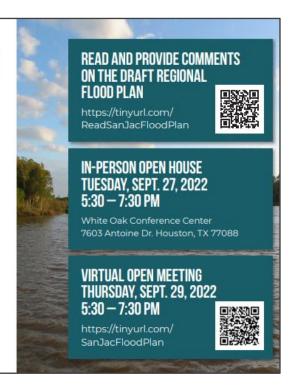
The San Jacinto Regional Flood Planning Group submitted the DRAFT Regional Flood Plan to the Texas Water Development Board on Aug. 1, 2022. The public is invited to provide feedback on the DRAFT Regional Flood Plan and learn more about flood risk, stormwater management, and different projects for flood mitigation.

To learn more about the DRAFT Regional Flood Plan, join us for a public open house on Tuesday, Sept. 27, 2022 or virtually on Thursday, Sept. 29, 2022.

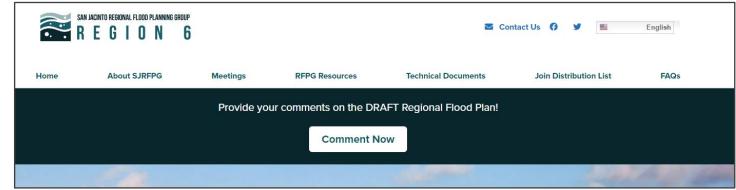
For more information about the San Jacinto Regional Flood Planning Group, visit our website:

www.sanjacintofloodplanning.org or contact

SanJacFldPG@eng.hctx.net (713) 274-3914



- Home page banner added to website
- Comment survey added to Technical Documents page
- Noticing materials provided to RFPG on 8/19
- Email blast sent on 9/1
- Outreach to sponsors



Public Review – Upcoming Efforts



Press Release noticing upcoming public open house meetings

Continued targeted outreach to sponsors

- Public open house meetings:
 - September 27, 2022 (In-Person)
 - September 29, 2022 (Virtual)





Comments Received on the Draft Plan



Majority:

- Additional responses to the Task 9 Financing Survey
- Updates to recommended actions in the plan such as:
 - Removal of FMXs because they have already been initiated/funded
 - Updates to cost estimates

Additional:

- Questions regarding analysis of sedimentation
- Questions regarding eminent domain

Amended Plan – Outreach to Sponsors

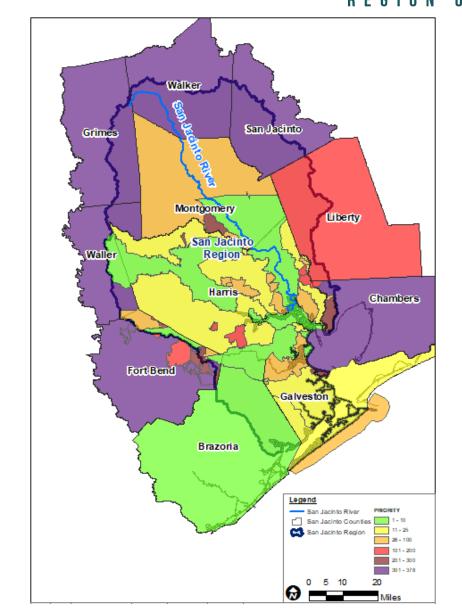


- Followed-up with sponsors who have engaged in the flood planning process
- Coordination with sponsors that has occurred or is scheduled:
 - City of Friendswood
 - City of Houston
 - Montgomery County MUDs 83 & 84
 - City of Bellaire
 - Harris County

Amended Plan – Task 12

SAN JACINTO REGIONAL FLOOD PLANNING GROU

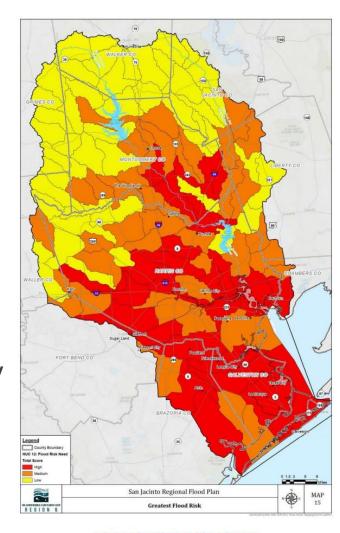
- Presented results of a DRAFT Prioritization
 Framework to the Technical Committee
- Key discussion centered around:
 - Additional criteria for consideration and weighting
 - Using adopted goals and RFP first cycle data to inform selection criteria
 - Further sensitivity analysis when setting scoring thresholds



Considerations for FME Prioritization



- Sponsor concurrence
- Level-of-effort (cost) to perform FME relative to available budget
- H&H model/project data availability
- FMEs in areas of High Known Flood Risk (Task 4A)
- Critical facilities at risk
- Structures and populations at risk
- High risk and exposure at low water crossings
- Number of Entities Benefitted by FME
- Consideration of sponsor input to identify priorities of that community
- Equity (SVI)
- Mobility (length of inundated roadway)
- Nature-based solutions

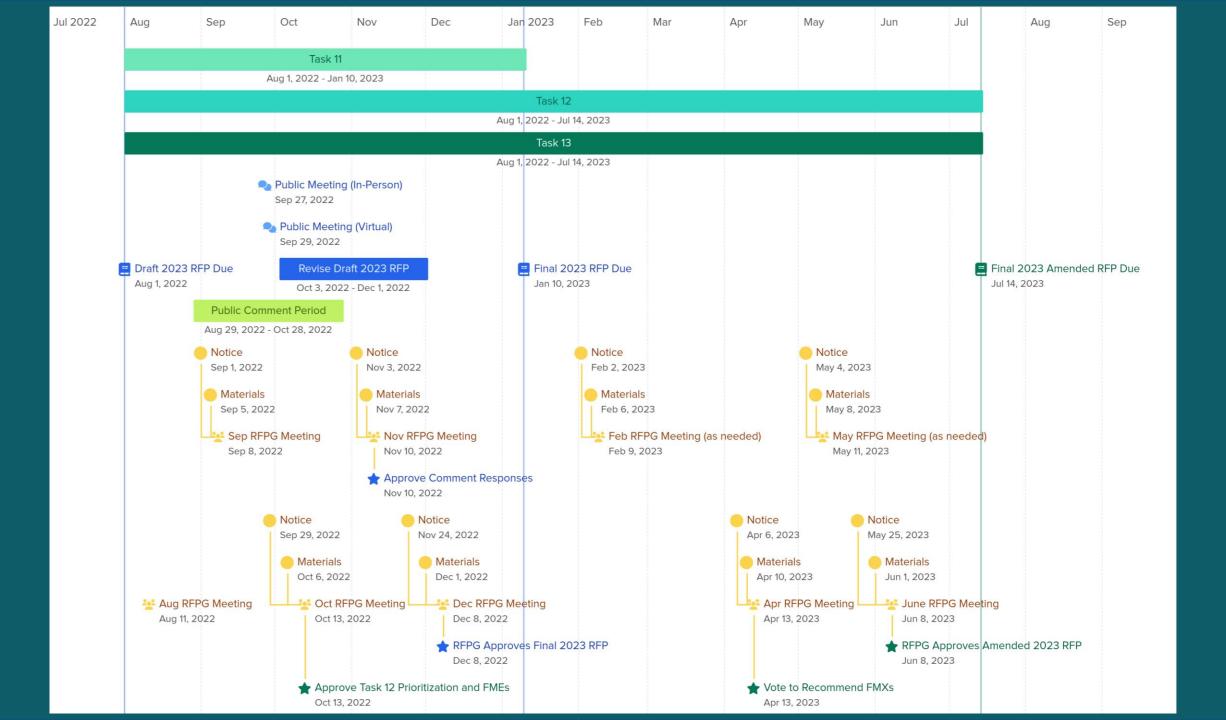


DRAFT Prioritization Ranking of FMEs



December ded Cuiterie	Priority Ranking						
Recommended Criteria	Low Priority (1)	Medium Priority (3)	High Priority (5)				
Level of Effort	Significant Effort outside of budget constraints (>\$150k)	Moderate Effort and may be slightly outside of budget constraints (\$150k-\$50k)	Reasonable Effort based on budget/schedule (<\$50k)				
Model/Data Availability	No model/project data available	Some project data readily available	Necessary models and project data readily available				
Known Flood Risk	Low Known Flood Risk	Medium Known Flood Risk	High Known Flood Risk				
Number of Entities Benefitted	NA	1-3	>3				
Critical Facilities at risk	Less than Average	Above Average	Greater than Average + One Standard Deviation				
Structures at risk	Less than Average	Above Average	Greater than Average + One Standard Deviation				
Population at risk	Less than Average	Above Average	Greater than Average + One Standard Deviation				
Unique Sponsor	Another FME has higher priority for Sponsor based on other criteria	NA	Highest priority FME of Unique Sponsor based on other criteria				

NOTE: If sponsor concurrence is not received, FME may not be considered.

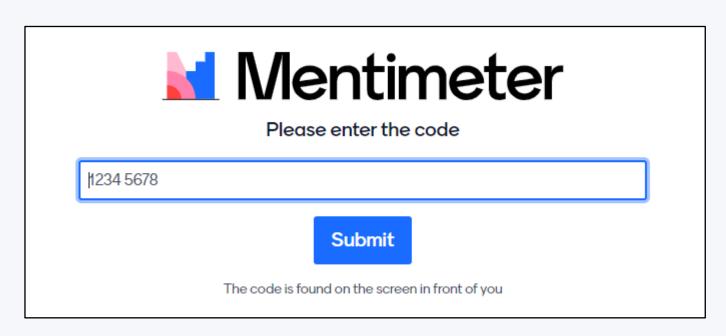


Item 10:

Update and recommendation(s) from the Technical Committee; discussion, and possible action from the RFPG as it pertains to prioritization framework for selecting FMEs under Task 12

Mentimeter Interactive Survey:

- Please have your smart phone or other device handy
- Navigate to <u>www.menti.com</u>
- Please enter the unique survey code (to be provided at the meeting on 9/8) in the text bar



Mentimeter

What is the desired outcome of Task 12? Maximize...

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1st Reduction in flood risk and exposure

2nd Sponsor Involvement

3rd FMP Benefit Coverage

4th Number of FMPs

5th Solutions
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Mentimeter

Which selection critieria are most important to consider?

1st Level of Effort/FME Cost 2nd Model/Data Availability 3rd Known Flood Risk 4th Number of Entities Benefited 5th Critical Facilities at Risk 6th Structures at Risk 7th Population at Risk 8th Unique Sponsor Priority Priority within each 9th subwatershed/geography Includes natured-based solutions 10th 11th SVI Mobility/length of inundated

What is the preferred distribution of FME types?

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1st All BCAs

2nd BCAs + Few Moderate sized FMEs

3rd 1 or 2 Large FMEs

4th Other
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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 7/16/2022 – 8/12/2022

								Unemployment		
Employee	From	То	Hours Worked	Total Salary	Social Security	Group Insurance	Workers Comp	Insurance	Retirement	Total
F. Berrios	7/16/2022	7/29/2022	1.50	52.22	3.99	11.82	0.46	0.05	8.20	76.74
F. Berrios	7/30/2022	8/12/2022	3.00	104.43	7.99	23.64	0.92	0.10	16.40	153.48
C. Garcia	7/16/2022	7/29/2022	9.50	264.77	20.26	74.86	2.33	0.26	41.57	404.05
C. Garcia	7/30/2022	8/12/2022	11.00	306.57	23.46	86.68	2.70	0.31	48.13	467.85
		Totals	25.00	884.64	67.68	232.46	7.79	0.87	138.90	1,332.34

Item 12:

Presentation of 2022 Planning Group Key Dates and Deadlines:

- a. Upcoming Planning Schedule Milestones
- b. Next RFPG Planning Meeting to be held on October 13, 2022

Item 13: Update and Discussion Pertaining to In-Person RFPG Meeting Location(s) Item 14:
Reminder Regarding Planning
Group Member Training on Public
Information Act and Open Meetings
Act

Item 15: Consider Agenda Items for Next Meeting

Item 16: Public Comments – Limit 3 Minutes per Person

Item 17: Adjournment