# **Region 6 - San Jacinto Regional Flood Planning Group** May 12, 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 - April 14, 2022

#### Meeting Minutes Region 6 San Jacinto Regional Flood Planning Group April 14, 2022 at 9:00 AM

Hybrid Meeting | Virtual Registration: https://bit.ly/3Bf1JZm

Harris County Flood Control District: 9900 Northwest Fwy., Houston, TX 77092 - Rm. 100

Roll	Call:	
110/11		

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)	х
Alisa Max	Counties (Secretary)	*Erwin Burden
Gene Fisseler	Public (At-Large member)	*Mike Turco
Matthew Barrett	River Authorities (At-Large member)	X *Briana Gallagher
Elisa Macia Donovan	Agricultural Interests	x
Connie Pothier	Small Business	x
Paul E. Lock	Electric Generating Utilities	x
Rachel Powers	Environmental Interests	X *Jill Boullion
Stephen Costello	Municipalities	x
Marcus Stuckett	Flood Districts	*Dena Green
Todd Burrer	Water Utilities	x
Brian Maxwell	Coastal Communities	X *Bob Kosar
Christina Quintero	Public	x
Neil Gaynor	Upper Watershed	X *Stephanie Zertuche

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

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

Region 6 RFPG; 04/14/22

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

Technical Consultant Team	Entity	Present(x)/Absent(_)/
Members		Alternate Present (*)
Cory Stull	Freese and Nichols Inc.	Х
Maggie Puckett	Freese and Nichols Inc.	Х
Hayes McKibben	Freese and Nichols Inc.	
Mariah Najmuddin	Hollaway Environmental	Х
Connor Stokes	Hollaway Environmental	х
Andrew Moore	Halff, Associates	Х
Rachel Herr	Halff, Associates	Х
Jacob Torres	Torres & Associates	Х
Evan Adrian	Torres & Associates	Х

#### 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: Claudia Garcia (HCED), Fatima Berrios (HCED)

James Bronikowski (TWDB)	Peggy Zahler
John Graziano	Rebecca Andrews
Lisa McCracken Mairs (USACE)	Stephan Gage (HCTRA)
Marcus Stuckett	Susan Chadwick
Patti Joiner Knudson	Walter Morris (Knudson)

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

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

AGENDA ITEM NO. 1: Call to Order Mr. Buscha called the meeting to order at 9:00 a.m.

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

In lieu of Ms. Max, Secretary, Ms. Berrios took attendance. A quorum was determined to 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. Mr. Graziano, a member of the public, expressed that he wanted to comment at the end of the meeting.

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

Ms. Ingram wanted to congratulate the group and the Technical Consultants for the successful submission of the Technical Memorandum submitted in March. Ms. Ingram stated that the Texas Water Development Board was compiling informal comments for the February and March Technical Memoranda which would be provided soon.

#### AGENDA ITEM NO. 5: Approval of Meeting Minutes - March 03, 2022

Mr. Buscha opened the floor for comments on the March 3, 2022 meeting minutes. Mr. Barrett provided minor suggested corrections to the meeting minutes, which Ms. Vinson agreed with. Ms. Vinson moved to approve the minutes, as revised. Ms. Powers seconded. Mr. Buscha stated the motion carried.

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

Mr. Buscha announced new non-voting members or alternates:

- For the Counties position, Ms. Max's alternate to be Mr. Ewin Burden, Assistant Director, RRD at Harris County Engineering Department
- The new Texas General Land Office representative to be Ms. Karla Freyre-Stripling
- The new Houston-Galveston Area Council representative to be Mr. Justin Bower and Mr. Steven Johnston as his alternate

Mr. Buscha noted that Ms. Max would be retiring from Harris County Engineering Department at the end of May. Mr. Buscha stated the Project Sponsor would begin the solicitation process for the Counties Voting Member position.

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

- Trinity Region Mr. Burrer reported being invited to an upcoming tour for the tunnel built in the region
- Neches Region Mr. Buscha stated Mr. Costello would be late to join the call and he would provide his update later in the meeting
- Lower Brazos Region Mr. Vogler stated that the Lower Brazos got through public meetings and things were moving along well
- Region H Water –Mr. Buscha stated that he would meet with Mr. Wade later in the week

#### AGENDA ITEM NO. 8: Update from the Project Sponsor regarding the solicitation of the Flood Districts Voting Member Position

Ms. Berrios advised the members that the solicitation closed April 8, 2022. She stated the Project Sponsor received two applications, so no shortlisting meeting was needed. Ms. Berrios stated the tentative

Region 6 RFPG; 04/14/22

interviews were scheduled for April 25, 2022 and the recommendation from the Executive Committee would be made during the May SJRFPG meeting.

#### AGENDA ITEM NO. 9: Discussion, and Possible Action Regarding the Membership of Advisory Committees

#### a. Technical Committee

Mr. Buscha stated that the Technical Committee was not at the full membership of five. Mr. Buscha noted that with the departure of Mr. Stuckett, the group wanted to include a Flood Districts member and deferred to the group. Ms. Donovan mentioned that Ms. Green, Mr. Stuckett's alternate, wished to join the Technical Committee and noted that at the last Technical Committee meeting Ms. Green's comments had to be treated as public comments. Ms. Donovan suggested Ms. Green be appointed to be a member of the Technical Committee. Ms. Vinson stated that the SJRFPG could appoint Ms. Green as the interim member until the new Flood Districts Voting Member was appointed. Ms. Donovan made the motion to appoint Ms. Green as the interim member of the Technical Committee, seconded by Ms. Vinson. Mr. Buscha announced the motion carried unanimously to appoint Ms. Green and Ms. Green acknowledged she would be willing to serve.

AGENDA ITEM NO. 10: Update from the Technical Consultant on:

a. Technical Approach for conducting the Needs Analysis (Task 4A)

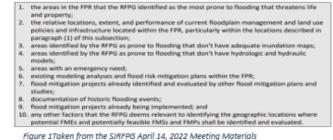
b. Minimum Standards (Task 3A)

c. Process for Recommending Potentially Feasible FMEs, FMSs, and FMPs (Task 5)

d. Public Engagement, Communications and Outreach Plan, and the Upcoming Public Meeting

Mr. Buscha yielded the floor to the Technical Consultants. Mr. Stull, with Freese and Nichols, Inc., briefed the group on the agenda and briefly discussed the premise of the discussion. Mr. Moore, with Halff Associates, reviewed the task requirements and goals for Task 4A: Flood Mitigation Needs Analysis. Mr. Moore described Task 4A as a two-pronged approach: 1) to find where the flood risk knowledge gaps are and 2) to find where the greatest known flood risks are. Mr. Moore went on to describe in detail, the requirements in the Task 4A Flood Mitigation Needs Analysis:

TWDB Technical Guidance for Task 4A



Mr. Moore described the approach for the deliverables using location maps depicting studies and projects. Mr. Moore defined Hydrologic Unit Codes (HUCs) as a drainage area. Mr. Moore stated that within FEMA HUC 12, were a total of 115 HUCs are being used for comparison of information against each other. Mr. Moore explained the scoring and ranges within the HUCs. Mr. Moore stated the information gathered related to existing conditions and demonstrated with map graphics including tabular information. Discussion ensued. Mr. Moore went on to criteria number ten which included the Social Vulnerability Index (SVI). Mr. Moore went over the next steps and mentioned the comments received today would be incorporated.

Mr. Buscha announced a five min recess at 10:28 a.m. and indicated we would get a brief from Mr. Costello upon our return. Mr. Buscha reconvened the meeting at 10:33 a.m.

#### AGENDA ITEM NO. 7: (Continued)

Mr. Costello updated that the Neches region was following the same path as the SJRFPG, but said he would aim to attend their technical committee meeting

#### AGENDA ITEM NO. 10: (Continued)

Mr. Stull overviewed task 3A: Floodplain Management Practices and the inventory of existing practices the Technical Consultants have identified.

Ms. Puckett mentioned the goals discussed last fall with the SJRFPG were a compliment to Task 3A -Minimum Standards. Ms. Puckett reviewed the guidance for the Task 3A and the difference between recommending or adopting the minimum standards. Ms. Puckett stated it was recommended not to adopt the minimum standards, but instead to recommend floodplain management standards for consideration by regulatory entities. Ms. Donovan stated the Technical Committee had agreed not to provide a recommendation, as they determined that this was a decision for the SJRFPG, not just the Technical Committee. Discussion ensued. Ms. Puckett explained the list of potential minimum standards.

#### Preliminary List of Identified Standards

- 1. Participation in the NFIP
- 2. Defining Region-wide No Adverse Impact Policy
- 3. Establish Minimum FFEs
- 4. Encourage use of Best-Available Rainfall (Atlas-14)
- 5. Compensatory Storage in the 1% Floodplain (100-year)
- 6. Compensatory Storage in the 0.2% Floodplain (500-year)
- 7. Development of Detailed H&H Analysis Criteria/Requirements
- 8. Incentivizing the Preservation of the Floodplain

Figure 2Taken from SJRFPG April 14, 2022 Meeting Materials

Ms. Puckett continued reviewing potential minimum standards. Discussion ensued. Mr. Buscha reminded the group to send over suggested language changes to the Technical Consultants. MS. Puckett explained the schedule of the draft plan, that would be distributed to the group.



Ms. Puckett clarified the roll-out of the draft chapters for discussion. Ms. Puckett stated that voting on the chapters would be distributed between several SJRFPG meetings. Ms. Puckett reviewed the recap of the FMXs and the recommendation process.

Ms. Puckett stated plans of utilizing the GIS dashboards for reviewing the data for SJRFPG consideration. Ms. Puckett explained the Texas Water Development Board's guidance issued in March.

Ms. Najmuddin recapped what was discussed such as metrics, goals, and comments with the Public Engagement Committee. Ms. Najmuddin explained the recommendations for the public engagement meetings such as three meetings: one virtual open house style meeting and two open house style inperson meetings. Mr. Buscha wanted clarification about the limits of member participation – two from each committee, and no more than six from the full SJRFPG. Mr. Buscha asked for coordination with the Project Sponsor, so no quorum issue would exist at those public meetings.

AGENDA ITEM NO. 11: Update and recommendation from the Technical Committee and possible action from the RFPG as it pertains to the technical approach for conducting the Needs Analysis (Task 4A) Mr. Buscha opened the floor for discussion on the Technical Committee's recommendation regarding the approach for conducting the Needs Analysis, as presented by the Technical Consultants under agenda item ten. Discussion ensued.

Mr. Costello asked to have a short Technical Committee meeting to further discuss, and Mr. Stull explained the tight deadline, recommending leaving the agriculture areas in for now, with continued discussion. Discussion ensued. Mr. Costello motioned to approve the Technical Committee's recommendation and Dr. Gaynor seconded. Mr. Buscha announced that the motion passed.

AGENDA ITEM NO. 12: Update from the Public Engagement Committee, discussion, and possible action from the RFPG as it pertains to the development of the Communications and Outreach Plan Mr. Buscha deferred to Mr. Burrer for the public outreach meeting recommendation from the Public Engagement Committee and noted that there was no action in this item.

#### AGENDA ITEM NO. 13: Approval and Certification of Administrative Expenses Incurred by The Project Sponsor for the Development of Regional Flood Plan

Mr. Buscha presented the requested administrative expenses for approval. Mr. Costello made the motion to approve, and Ms. Powers seconded. Mr. Buscha announced the motion carried to approve the expenses.

AGENDA ITEM NO. 14: Presentation Of 2022 Planning Group Key Dates and Deadlines:

- a. Upcoming Planning Schedule Milestones
- b. Next SJRFPG Planning Meeting to be held on May 12, 2022

Mr. Buscha stated the schedule was indicated in the meeting materials.

AGENDA ITEM NO. 15: Update and Discussion Pertaining to In-Person RFPG Meeting Location(s) Mr. Buscha stated that the meeting would continue to be hybrid and the Project Sponsor would continue to seek a meeting location where all the voting members would be invited to attend in-person.

AGENDA ITEM NO. 16: Reminder Regarding Planning Group Member Training on Public Information Act and Open Meetings Act

Region 6 RFPG; 04/14/22

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

#### AGENDA ITEM NO. 17: Consider Agenda Items for Next Meeting

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

- · Identify possible presentation by Gulf Coast Protection District (GCPD) at the May 12 meeting
- Update on Flood Districts Voting Member position vacancy
- Goals for adoption of FMXs voting

Ms. Vinson suggested to move the GCPD's presentation to a future meeting. Ms. Bakko stated she would coordinate to move the presentation to the June meeting.

#### AGENDA ITEM NO. 18: Public Comments - Limit 3 Minutes Per Person

Mr. Buscha opened the floor to Mr. John Graziano, Manger at Lovin' G Ranch. Mr. Graziano stated that he and other ranchers had concerns about eminent domain. Mr. Graziano complimented Mr. Moore on his presentation.

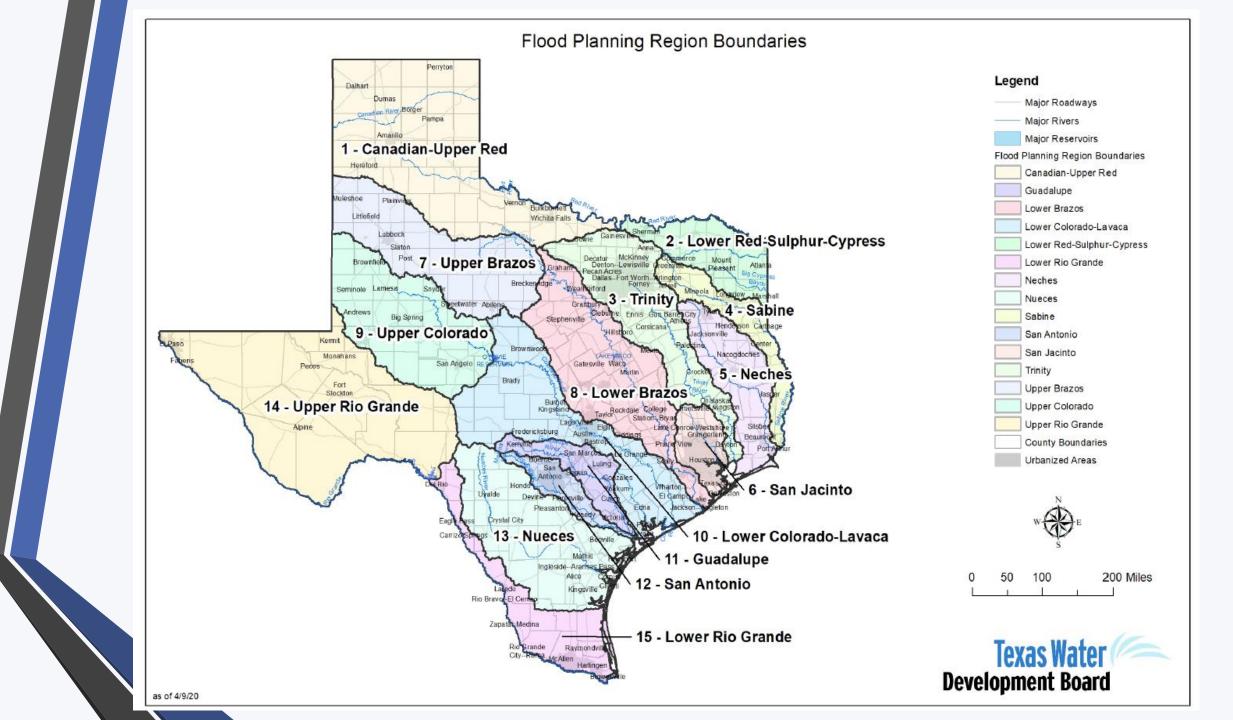
#### AGENDA ITEM NO. 19: Adjourn

Mr. Buscha announced the meeting was adjourned at 12:22 p.m.

Alisa Max, 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: a. Trinity Region b. Neches Region c. Lower Brazos Region d. Region H Water

# Item 8: Update from the Executive Committee, discussion, and possible action regarding the appointment of the Flood Districts Voting Member Position

# Item 9: Discussion, and Possible Action Regarding the Membership of Advisory Committees a. Technical Committee

# Item 10: Presentation and update from the Technical Consultant on the progress of the regional flood plan and possible action from the RFPG on Minimum Standards (Task 3A)



### Technical Consultant Update



May 12, 2022

### Agenda



- Task 3A: Minimum Standards
- Identified FMXs & GIS Dashboard Demo
- Task 7: Flood Response Information and Activities
- Task 8: Administrative, Regulatory, and Legislative Recommendations
- Task 10: Public Meetings Update



### Recommend

VS

Entities are NOT REQUIRED to meet or exceed recommended standards to have FMEs, FMSs, or FMPs included in the flood plan

# Adopt

Entities ARE REQUIRED meet or exceed adopted standards prior to the RFPG including any FMEs, FMSs, or FMPs in the flood plan

### List of Identified Standards



- 1. Participation in the NFIP
- 2. Defining Region-wide No Adverse Impact Policy
- 3. Establish Minimum FFEs
- 4. Encourage use of Best-Available Rainfall (Atlas-14)
- 5. Compensatory Storage in the 1% Floodplain (100-year)
- 6. Compensatory Storage in the 0.2% Floodplain (500-year)
- 7. Development of Detailed H&H Analysis Criteria/Requirements
- 8. Incentivizing the Preservation of the Floodplain



### 1. Participation in the National Flood Insurance Program (NFIP)

- All regulatory entities to implement ordinances that meet minimum requirements per the NFIP
- All regulatory entities to remain active NFIP participants in good standing
- All regulatory entities are encouraged to participate in the Community Rating System (CRS) Program to reduce flood insurance rate premiums across the region

### 2. Development of No Adverse Impact Policies

- All regulatory entities are encouraged to define a no adverse impact policy appropriate to meet the unique needs of each entity.
- The no adverse impact policy should be focused on preventing impacts to adjacent properties.
   Evaluation of impacts should be completed using best available hydrologic and hydraulic modeling, where appropriate.



#### 3. Establish Minimum Finished Floor Elevations

- All new habitable structures shall have a finished floor elevation established at or waterproofed to the FEMA Effective 500-year flood elevation as shown on effective Flood Insurance Studies.
- Where regulatory mapping has been updated using Atlas 14 rainfall data, all new habitable structures shall have a finished floor elevation established at or waterproofed to the FEMA Effective 100-year flood elevation as shown on effective Flood Insurance Studies.

### 4. Encourage use of Best-Available Rainfall Data

• Utilize the latest rainfall data (NOAA Atlas 14) when conducting new analyses, designing drainage infrastructure, and developing regulations and criteria.



### 5. Compensatory Storage Requirements in the 1% AEP Floodplain

- Any reduction in floodplain storage or conveyance capacity within the 1% annual chance regulatory
  floodplain must be offset with a hydraulically equivalent (one-to-one) volume of mitigation sufficient
  to offset the reduction, except in areas identified as coastal flood zones (FEMA Flood Zone V and
  VE). Mitigation shall be provided within the same watershed from which floodplain storage was
  reduced.
- A full hydrologic and hydraulic analysis should be developed to demonstrate that floodplain fill mitigation provided outside of the development property is sufficient.

#### 6. Compensatory Storage Requirements in the 0.2% AEP Floodplain

- Any reduction in floodplain storage or conveyance capacity within the 0.2% annual chance regulatory floodplain must be offset with a hydraulically equivalent (one-to-one) volume of mitigation sufficient to offset the reduction, except in areas identified as coastal flood zones (FEMA Flood Zone V and VE). Mitigation shall be provided within the same watershed from which floodplain storage was reduced.
- A full hydrologic and hydraulic analysis should be developed to demonstrate that floodplain fill mitigation provided outside of the development property is sufficient.



### 7. Development of Detailed H&H Analysis Criteria/Requirements

- All regulatory entities to develop hydrologic and hydraulic modeling criteria or requirements, as appropriate for the area of the flood planning region.
- All regulatory entities to identify features of a proposed development that would warrant a full hydrologic and hydraulic analysis.

#### 8. Incentivizing the Preservation of the Floodplain

All regulatory entities are encouraged to explore and develop systems for incentivizing the
preservation of the floodplain to reduce development directly within the regulatory floodplain or
within 100-ft of the banks of unstudied streams.

# List of Identified Standards

- 1. Participation in the NFIP
- 2. Defining Region-wide No Adverse Impact Policy
- 3. Establish Minimum FFEs
- 4. Encourage use of Best-Available Rainfall (Atlas-14)
- 5. Compensatory Storage in the 1% Floodplain (100-year)
- 6. Compensatory Storage in the 0.2% Floodplain (500-year)
- 7. Development of Detailed H&H Analysis Criteria/Requirements
- 8. Incentivizing the Preservation of the Floodplain



### What are FMXs

Evaluated in Task 4B but recommended by the RFPG in Task 5



### FME

A <u>proposed flood study</u> of a specific, flood-prone area that is needed in order to assess flood risk and/or determine whether there are potentially feasible FMSs or FMPs

### FMP

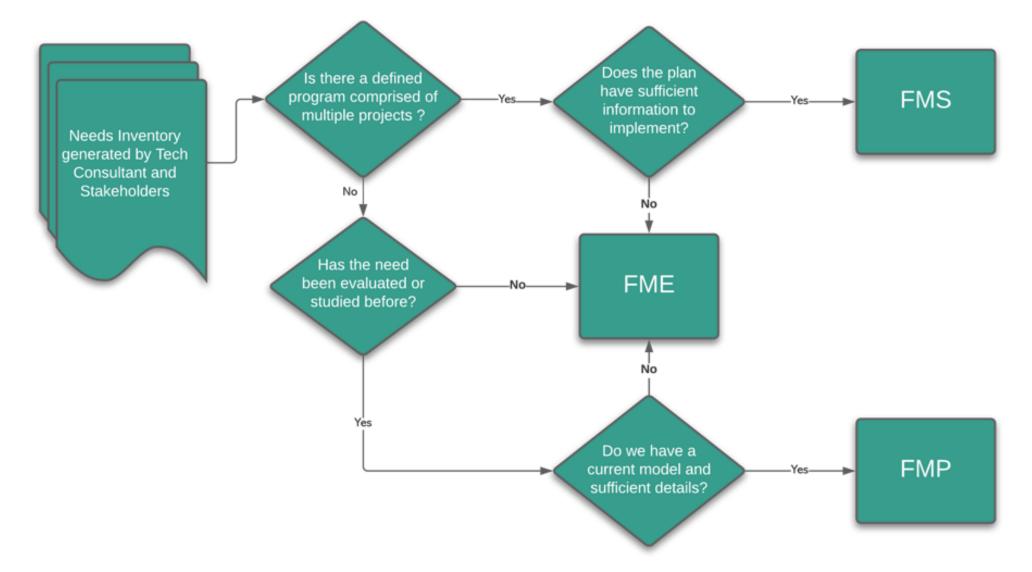
A proposed project, either structural or non-structural, that has non-zero capital costs or other non-recurring cost and when implemented will reduce flood risk, mitigate flood hazards to life or property

### FMS

A <u>proposed plan</u> to reduce flood risk or mitigate flood hazards to life or property

### Designation





### Necessary Requirements for FMP

### <u>FMP</u>

- Capital Cost
- Demonstrate NAI
- Benefit-Cost Analysis
- Clearly defined; have sufficient data to populate required details

**Necessary Requirements for FME/S** 

<u>FME</u>

- Capital Cost
- Engineering evaluation needed

### <u>FMS</u>

 Non-capital costs; recurring costs (Ex: Education Campaign)



### Designation

# **Development of the FMX List**

Data Collection:

- Survey Submissions
- Direct correspondence with potential sponsors
- Publicly available data

SAN JACINTO REGIONAL FLOOD PLANNING GROU REGION 6

Unique Project Sponsors Represented

104

+70

Referenced studies

# FMX Details Included for Initial Review

- **FMP/FMS Benefit Area** Location
- FME Study Area Location
- **Project Name & Description**
- Project Sponsor
- Associated RFPG Goals
- FMX Type
- Cost Estimates





Home Board Financial Assistance Water Planning Groundwater Surface Water Flood Conservation Innovative Water Data & Apps

#### **Flood Planning**

The 2019 Texas Legislature and Governor Abbott greatly expanded the TWDB's role in flood planning. The TWDB will be administering a new state and regional flood planning process with flood planning regions based on river basins. The initial regional flood planning groups were formed on October 1, 2020; the first regional flood plans will be due in January 2023, and the first

state flood plan will be due September 1, 2024.

#### Sign up for emails on TWDB's new flood programs

Flood Infrastructure Fund and other project financial assistance programs



<b>Q</b> Search site	)			Se	arch
Connect with us:	0	6	O	Ø	

Flood Infrastructure Fund (FIF)

Flood Planning

Learn About Flooding

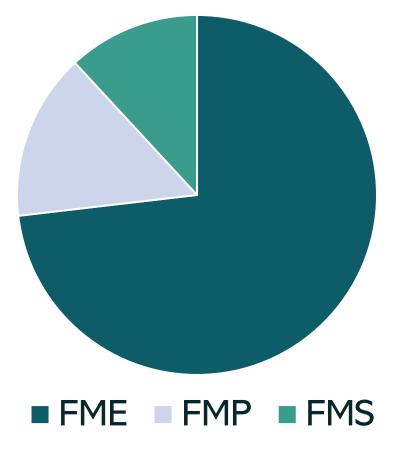
- Flood Planning Group Meeting Schedule
- 1st Planning Cycle Documents (2020-2023)
- Planning Group Information
- New Members Resources
- Frequently Asked Questions
- Flood Planning Useful Links and Resources
- Flood Planning Data



## **High-Level Overview**



FMX Type



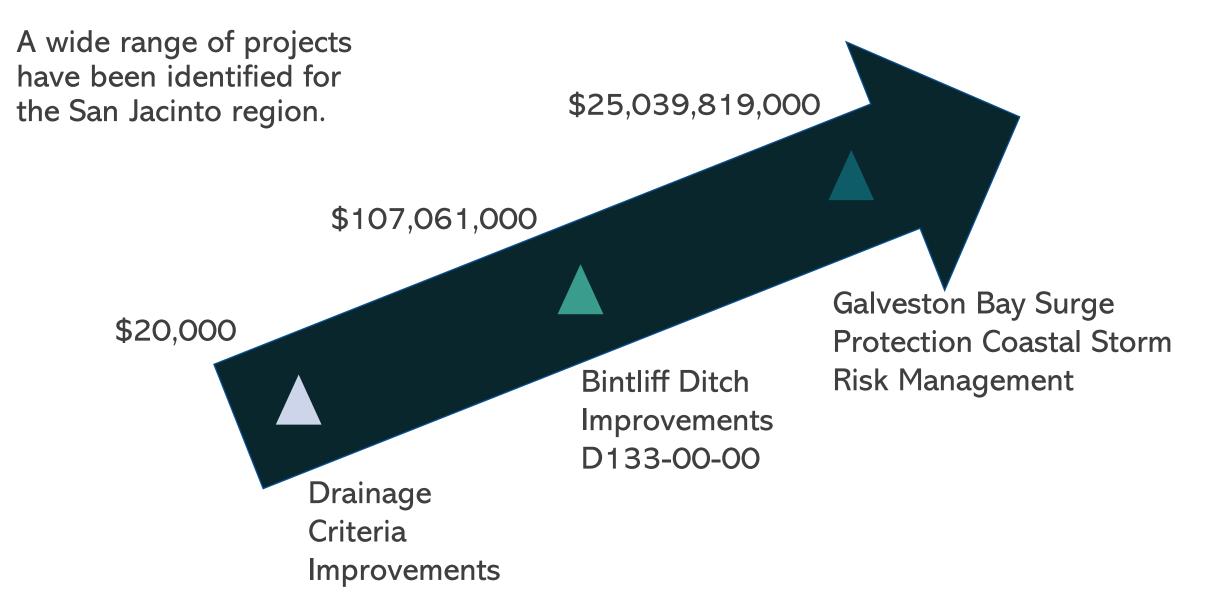
The majority of FMXs in the draft plan will be FMEs:

- FMEs identified by sponsors
- FMEs identified by Needs Analysis (Task 4A)
- In the San Jacinto Region, there are many potential structural projects that demonstrate NAI, but do not have a BCR.

*Opportunity to develop FMPs in amended plan.* 

# **High-Level Overview**











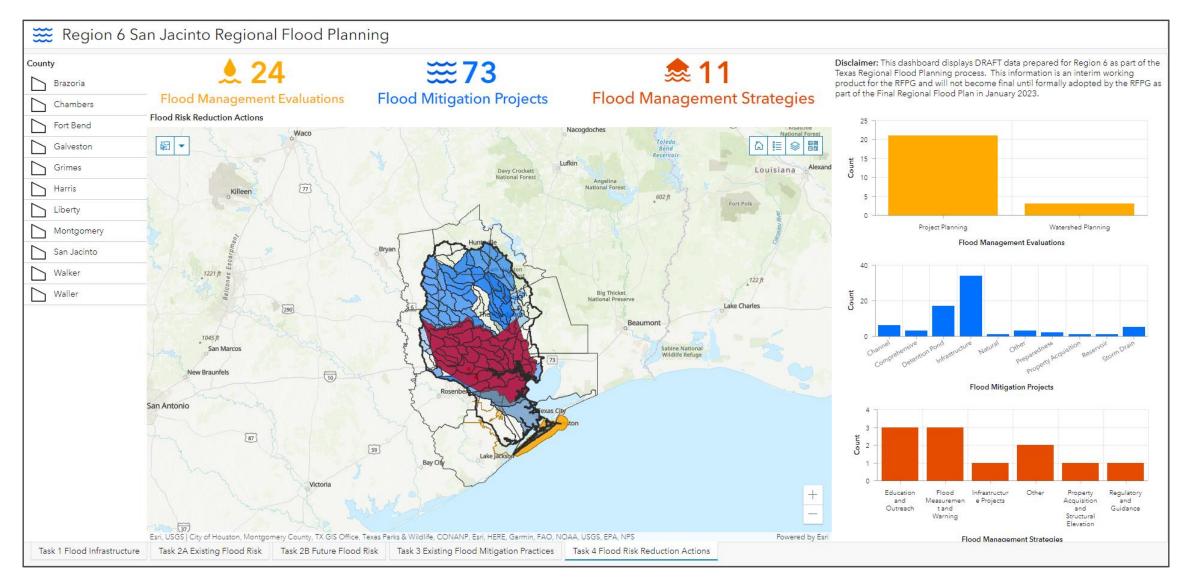
RFPG to review data pushed to GIS Dashboard and return comments by May 25, 2022 (3-week review time).



Please reach out directly to the Technical Consultant team at <u>SJRFPG.TechCon@freese.com</u> with any questions or comments.

### **GIS Dashboard Demo**



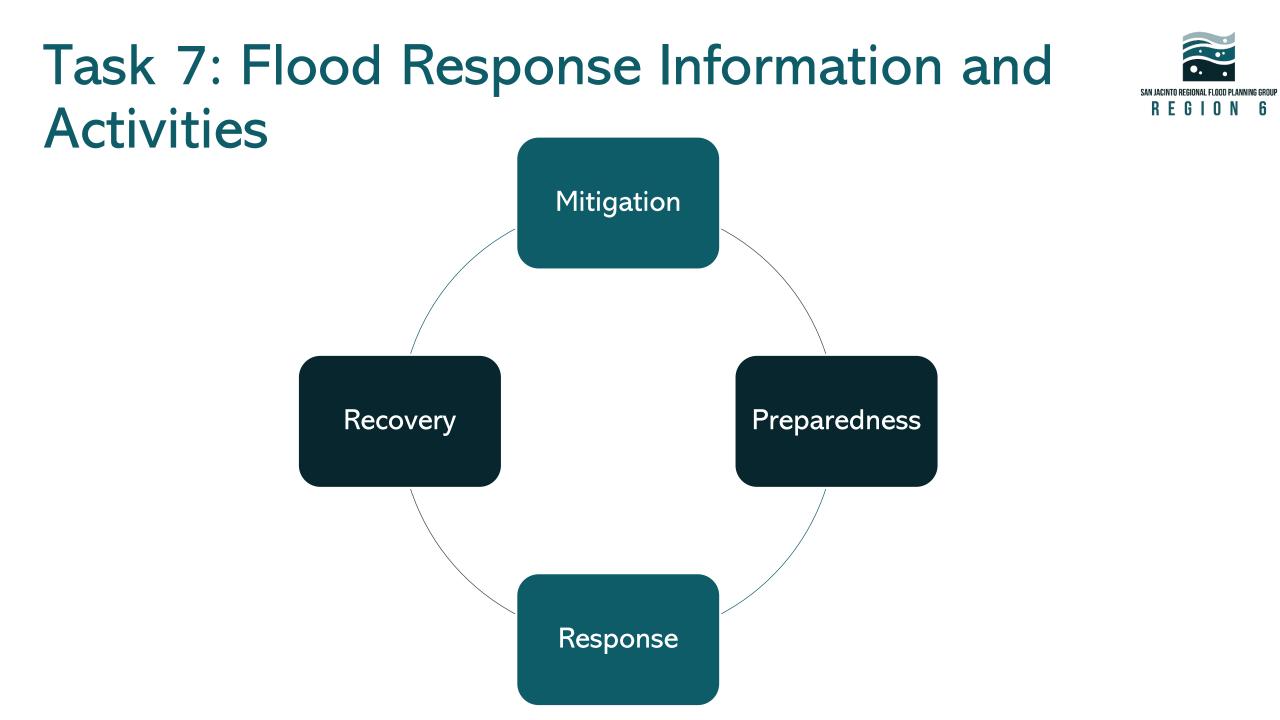


# Task 7: Flood Response Information and Activities



Task Goals:

- Summarize the nature and types of flood response preparations
- Coordinate and communicate to gather information
- No analysis or recommendations for flood response



# Task 7: Flood Response Information and Activities



Guidance

- Summarize flood response activities undertaken
- Entities involved in flood response along with roles and responsibilities
- Tie to flood management strategies (FMS) and projects (FMP) which will reduce the amount of flood risk

# Task 7: Flood Response Information andActivitiesApproach





# Task 8: Administrative, Regulatory, and Legislative Recommendations



Guidance:

- Legislative, regulatory, and administrative recommendations considered necessary to facilitate flood management, planning, and implementation
- Any other recommendations considered necessary and desirable to achieve regional flood mitigation and management goals
- Recommendations regarding potential, new revenue-raising opportunities that could fund development, operation, and maintenance of flood management and mitigation activities



### Public Engagement Meeting Details

Meeting Date	Meeting Format	Meeting Location
Tuesday, May 24, 2022 5:30 – 7:30 PM	In-Person Open House	The Recreation Center at Rob Fleming Park 6464 Creekside Forest Drive The Woodlands, TX 77389
Thursday, May 26, 2022 5:30 – 7:30 PM	Virtual Open House	Zoom
Tuesday, May 31, 2022 5:30 – 7:30 PM	In-Person Open House	<b>Clear Lake Shores Clubhouse</b> 931 Cedar Road Clear Lake Shores, TX 77565



### **In-Person Meeting Details**

- Open House
  - Three Stations
    - Flood Risk
    - Flood Management Practices
    - Studies and Mitigation Solutions
  - Self-paced event with an opportunity to provide feedback and ask questions on the RFP projects.
  - Project Team members will be present to engage with the public





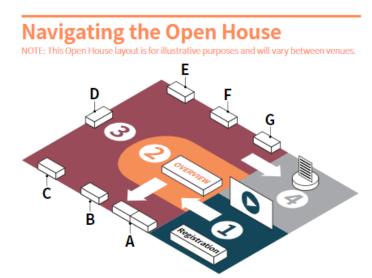
### **Zoom Meeting Details**

- Open House
  - Three Breakout Rooms Presentations and Q&A in 30 - minute intervals led by the project team
    - Flood Risk
    - Flood Management Practices
    - Studies and Mitigation Solutions
  - "How-to Participate" presentation will help orient members of the public
  - Participants will be able to move between rooms on their own
  - Hollaway staff will be available and present to help troubleshoot any tech issues for the public





### **Meeting Material - Examples**



#### **Project Topic Station Descriptions**

- A Engineering Project Alignment Review and discuss the Preferred Project Alignment (2022) and how the project alignment has changed since the Feasibility Report Alignment (2017).
- B Real Estate Review and discuss currently anticipated real estate needs and overarching real estate acquisition processes with the Project Team.
- C Project Partners Review and discuss the roles and responsibilities of the Project Partners, including the Gulf Coast Protection District, Orange County, and the Orange County Dratinage District.
- D Environmental Impacts Review and discuss the analyses conducted and strategies employed during the development of the project to minimize and mitigate environmental impacts associated with the project features.
  - Engineering Project Structures Review and discuss the structural features included in the Preferred Project Alignment.
  - F Hydrology & Hydraulics and Drainage Review and discuss the role of pump stations and other drainage features to provide for interior drainage. In addition, discuss how storm surge models are utilized to assess the anticipated benefit of the project to Orange County.
  - G Project StoryMap Review the project StoryMap with assistance from the Project Team.



#### ABOUT THE SAN JACINTO Regional flood plan

In the wake of historic flooding in Texas, the 2019 Texas Legislature passed legislation to create Texas' first-ever regional and state flood planning process. The Legislature created a state flood planning framework and charged the Texas Water Development Board (TWDB) with creating flood planning regions based on river basins and with administering the ongoing work of flood planning.

The San Jacinto Regional Flood Planning Group (San Jacinto Region) is one of the 15 Regional Flood Planning Groups (IRFPCs) formed by the TWDB. The San Jacinto Region includes all or part of 11 counties and extends from Galveston in the south to Huntsville in the north.

Through this groundbreaking, first of its kind flood planning effort, the San Jacinto Region received a flood planning grant from the TWDB to help identify specific flood nisks as well as strategies to reduce flood risks in coming years. This effort represents a bottom-up approach to flood planning and is intended to be a transparent process which relies on public input.

The Texas Water Code requires RFPGs to deliver regional flood plans to the TWDB by January 10, 2023, and every five years thereafter. The state flood plan, to be based on adopted regional plans, must be prepared and adopted by the TWDB by September 1, 2024, and every five years thereafter.



SANJACINTOFLOODPLANNING.ORG

#### STAY UP-TO-DATE Visit Our Website: senjacintofloodplanning.org





For Questions & Comments: SJRFPG.TechCon@freese.com

TWDB Contact: Megan Ingram regan.ingram@twdb.texas.go

Take the Regional Survey:



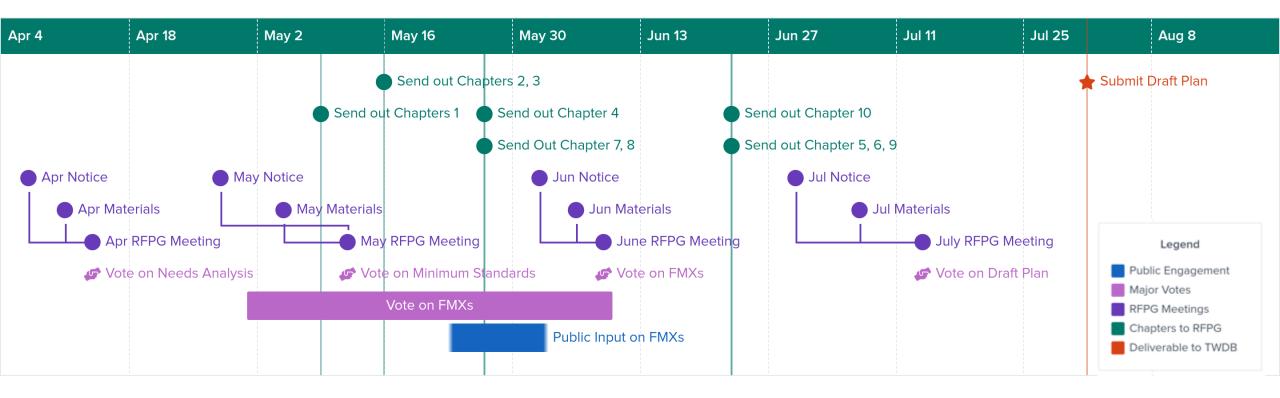


Page 2 | April 2022

52G Program: Orange County Project – How to Participate in the Public Open House

### Schedule through Draft RFP





### Item 11:

Update from the Public Engagement Committee, discussion, and possible action from the RFPG as it pertains to the approval of the Communications and Outreach Plan, and upcoming Open House Public Engagement Events

### Item 12: Approval and Certification of Administrative Expenses Incurred by The Project Sponsor for The Development of Regional Flood Plan

# Administrative Expenses Incurred by Project Sponsor deferred to: June 9, 2022, SJRFPG Monthly Meeting

Item 13: Presentation of 2022 Planning Group Key Dates and Deadlines: a. Upcoming Planning Schedule **Milestones** b. Next SJRFPG Planning Meeting to be held on June 9, 2022

## Item 14: Update and Discussion Pertaining to In-Person RFPG Meeting Location(s)

# Item 15: **Reminder Regarding Planning Group Member Training on Public** Information Act and Open Meetings Act

## Item 16: Consider Agenda Items for Next Meeting

## Item 17: Public Comments – Limit 3 Minutes per Person

## Item 18: Adjournment