Region 6 - San Jacinto Regional Flood Planning Group
October 14, 2021
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
a. September 9, 2021
### Roll Call:

<table>
<thead>
<tr>
<th>Voting Member</th>
<th>Interest Category</th>
<th>Present (X) / Absent (-) / Alternate Present (*)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marcus Monkett</td>
<td>Flood Districts (Vice Chair)</td>
<td>X</td>
</tr>
<tr>
<td>Alia Vinson</td>
<td>Counties (Secretary)</td>
<td>X</td>
</tr>
<tr>
<td>Alix Max</td>
<td>Public (At-Large member)</td>
<td>X</td>
</tr>
<tr>
<td>Gene Fisler</td>
<td>River Authorities (At-Large member)</td>
<td>X</td>
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<tr>
<td>Matthew Barrett</td>
<td>Agricultural Interests</td>
<td>X</td>
</tr>
<tr>
<td>Elsa Macia Donovan</td>
<td>Small Business</td>
<td>X</td>
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<tr>
<td>Jenna Armstrong</td>
<td>Electric Generating Utilities</td>
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<tr>
<td>Paul E. Lock</td>
<td>Environmental Interests</td>
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<tr>
<td>Rachel Powers</td>
<td>Municipalities</td>
<td>X</td>
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<tr>
<td>Stephen Costello</td>
<td>Industries (Chair)</td>
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<tr>
<td>Timothy E. Buscha</td>
<td>Water Utilities</td>
<td>X</td>
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<tr>
<td>Todd Burner</td>
<td>Coastal Communities</td>
<td>X Bob Kosar</td>
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<tr>
<td>Brian Maxwell</td>
<td>Public</td>
<td>X</td>
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<tr>
<td>Christina Qaldero</td>
<td>Upper Watershed</td>
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<table>
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<tr>
<th>Non-voting Member</th>
<th>Agency</th>
<th>Present (X) / Absent (-) / Alternate Present (*)</th>
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<tr>
<td>Hope Zubek</td>
<td>Texas Parks and Wildlife Department</td>
<td>X</td>
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<tr>
<td>Natalie Johnson</td>
<td>Texas Division of Emergency Management</td>
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<tr>
<td>Kristin Lambercht</td>
<td>Texas Department of Agriculture</td>
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<tr>
<td>Joel Clark</td>
<td>Texas Soil and Water Conservation Board</td>
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<tr>
<td>Colleen Jones</td>
<td>Texas General Land Office</td>
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<tr>
<td>Megan Ingram</td>
<td>Texas Water Development Board</td>
<td>X</td>
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<tr>
<td>Melinda Johnston</td>
<td>Texas Commission on Environmental Quality</td>
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<tr>
<td>Jeff Tezbel</td>
<td>Houston-Galveston Area Council</td>
<td>X Justin Bower</td>
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<tr>
<td>Elie Alhousiry</td>
<td>Texas Department of Transportation</td>
<td>X Alfred Garcia</td>
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<tr>
<td>Tom Heidt</td>
<td>Port Houston</td>
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<tr>
<td>Michael Turco</td>
<td>Harris-Galveston Subdividance District</td>
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<tr>
<td>Brandon Wade</td>
<td>Region H Regional Water Planning Group</td>
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<tr>
<td>Liaisons from RFPD</td>
<td>Regional Flood Planning Group</td>
<td>Present (X) / Absent (-) / Alternate Present (*)</td>
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<tr>
<td>Liaisons from Other Entities</td>
<td>Entity</td>
<td>Present(X) / Absent( ) / Alternate Present(*)</td>
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<tr>
<td>-----------------------------</td>
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<td>---------------------------------------------</td>
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<tr>
<td>Mark Vogler</td>
<td>Lower Brazos RFPG</td>
<td></td>
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<tr>
<td>Scott Harris</td>
<td>Trinity Region RFPG</td>
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<tr>
<td>Brandon Wade</td>
<td>Region H Regional Water Planning Group</td>
<td>X</td>
</tr>
</tbody>
</table>

**Quorum:**

Quorum: Yes

Number of voting members or alternates that were present:

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

Andy Palermo
Brooke Bucytes
Caroline McCabe
Connor Stokes
Cory Stull
Danelle Goshen
Diane Scoggins
Fatima Berrios
Glenna Sloan
Hayes McKeyben
Jill Boulben
Kena Ware
Lisa Mais
Liv Haselbach
Lowry Crook
Maggie Puckett
Marissa Briego
Mary Anne Piccatini
Megan Ingram
Michael Keck
Peggy Zehler
Rebecca Andrews
Reid Mersay
Richard Bagans
Rose Seibel
Rylee Moore
Sally Bakko
Stephanie Zertzuche
Susan Chadwick
Usman Mahmood
**Unknown: 7**

**Meeting attendee names were gathered from those who entered information on the GoToWebinar meeting.**

All meeting materials were available for the public at:

http://www.twdb.texas.gov/floodplanning/regions/schedule.asp
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
Ms. Max took roll call and a quorum was established.

AGENDA ITEM NO. 3: Registered Public Comments on Agenda Items (limit of 3 minutes per person)
Ms. Berrios stated there were no registered public comments.

AGENDA ITEM NO. 4: Texas Water Development Board Update
Ms. Ingram stated TWDB will start contract amendments in late September 2021 after Texas Water Development Board approval. Ms. Ingram stated that a Chairs Conference will be held on September 16, 2021, and a Project Sponsor Conference will be held on September 24, 2021 – specifically to go over the payment request process.

AGENDA ITEM NO. 5: Approval of Minutes – August 12, 2021
Mr. Buscha opened the floor for any changes and revision suggestions to the meeting minutes. Mr. Barrett stated he had several minor editorial comments. Ms. Vinson asked if any of the comments were of substance, which Mr. Barrett confirmed they were not. Ms. Vinson moved to approve the meeting minutes as revised. Mr. Fisseler seconded the motion, which carried unanimously.

AGENDA ITEM NO. 6: Announcement of new Alternate Members and new Non-Voting Members
Ms. Max stated that Mr. Fisseler had redesignated his alternate to be Mr. Turco.

AGENDA ITEM NO. 7: Recommendation from the Executive Committee to the Regional Flood Planning Group Members for the representation of the Flood Districts voting membership position, and possible appointment. The SRFPG may go into an executive session pursuant to Chapter 551 of the Texas Government Code for the consideration of personnel matters, specifically, persons being considered for appointment as new voting members of SRFPG.
Mr. Buscha stated that after going through the process of to fill the Flood Districts representative, the Executive Committee recommends Mr. Marcus Stuckett as the Flood Districts representative. Ms. Vinson stated Mr. Stuckett is a great appointee based on his technical background and a great attitude. Ms. Vinson moved to approve Mr. Stuckett as the new Flood Districts voting-member representative. Mr. Fisseler seconded the motion, which carried unanimously.

AGENDA ITEM NO. 8: Nomination, discussion, and possible action pertaining to the composition of the Public Engagement Committee and Technical Committee
Mr. Buscha stated that all SRFPG committees should have a minimum of five members to avoid quorum issues, and stated the Public Engagement Committee still needed a fifth member. Ms. Vinson asked to defer the item until the new member, Mr. Stuckett was in attendance.

Mr. Fisseler noted that Mr. Stuckett had joined the meeting and asked Mr. Stuckett if he wanted to say a few words to introduce himself to the SRFPG. Mr. Stuckett stated he was grateful for the opportunity and is looking forward to serving. Ms. Vinson then stated there are two committees with opportunities to serve, each having one vacancy – the Technical Committee and Public Engagement Committee. Mr. Stuckett volunteered to serve on the Technical Committee. Ms. Donovan moved to appoint Mr. Stuckett to the Technical Committee. Ms. Vinson seconded the motion, which carried unanimously.
Mr. Buscha then opened the floor and asked if any member would be willing to volunteer to become the fifth member of the Public Engagement committee. Mr. Buscha added that participation on the Public Engagement committee was essential as it supported outreach and communications for the development of the Regional Flood Plan. Mr. Burrer stated that the current members were Ms. Quintero, Ms. Powers, Mr. Lock, and himself. Mr. Burrer stated the committee was not time consuming, however he projected the committee to become more involved moving forward. Mr. Vinson suggested to defer the agenda item to next month. Ms. Max stated that almost all voting members are already serving on a committee, and encouraged voting members who are not on a committee to volunteer.

AGENDA ITEM NO. 9: Liaison Reports pertaining to other region(s) progress and status:

a) Trinity Region – Mr. Burrer stated that the Trinity Region is holding in-person meetings only, and added he had no updates.

b) Neches Region – Mr. Buscha acknowledged Mr. Costello was not in attendance at this moment and asked Mr. Turco to provide his update.

c) Lower Brazos Region – Mr. Turco stated the Lower Brazos Region had begun to hold their meeting in Hybrid mode. Mr. Turco added the Lower Brazos region will be meeting soon and would report next month.

d) Region H Water Planning Group – Mr. Wade stated their next meeting would be Wednesday, November 3, 2021 and added it will be 100% in-person. Mr. Wade stated that during their next meeting the Group would be planning their pre-planning meeting for the next planning cycle.

AGENDA ITEM NO. 10: Presentation and updates from the SIRFPG Technical Consultant

a. Floodplain Management Goals

b. SIRFPG member Mentimeter input

Mr. Stull began his presentation by stating there would be an interactive feedback exercise using Mentimeter during his presentation. Mr. Stull stated the activity would help with the development of Floodplain Management Goals. Mr. Stull then provided an update stating the second Public Engagement meeting held on August 31, 2021 had been successful. Mr. Stull stated the SIRFPG website was receiving increased traffic after the public meeting. Mr. Stull stated the distribution email list had over 1100 people. He then stated Freese and Nichols Inc. (FNI) was working to drive more public participation to the website.

Mr. Stull stated that the Technical Committee had met last month and stated FNI received feedback and recommendations on the draft Floodplain Management Goals. He stated his goal was to identify what goals were most important to the SIRFPG as they developed the draft Floodplain Management Goals.

Mr. Stull asked how the SIRFPG would like FNI to develop the Floodplain Management Goals, emphasizing that goals were required to be SMART goals – specific, measurable, attainable, relevant, and time-bound. Mr. Stull provided some examples of the draft goals. Mr. Stull stated FNI had developed goal categories that would fit all subsequent goals the SIRFPG members had, but wanted to hear their feedback.

Mr. Stull then moved on to the Mentimeter activity. Mr. Stull explained it was a word cloud exercise that would display member feedback in real time. Mr. Stull presented a series of questions that were answered by all SIRFPG members. All questions asked pertained to what goals the SIRFPG members considered important and also focused on the major challenges faced by the San Jacinto region. Mr. Stull stated this feedback would be helpful for the Technical Committee as they developed the draft Floodplain Management Goals.
Mr. Barrett and Ms. Vinson stated that several of the goal options that were presented were interrelated. Mr. Stull stated that the SIRFPG should not have too many goals in the first planning cycle, and would need to select the most important to ensure all goals were “SMART”. Mr. Stull also emphasized that the drivers of these overarching goals would need to be defined as projects and be implementable.

Mr. Stull opened the floor for comments or question. Ms. Vinson stated that since the San Jacinto Region was so diverse, not all goals would be applicable across the region, and added there are significant amount of communities that live in unincorporated areas. Mr. Stull agreed and stated that the presented goals were not proposed, but were examples. Mr. Stull stated that the Floodplain Management Goals will be updated. Mr. Buscha then reminded all SIRFPG members that they needed to represent the entire region and not just the communities they lived in. Mr. Buscha emphasized that rural areas were very different.

Mr. Fissel stated that the SIRFPG members and Technical Consultant should not make assumptions that the overarching goals would address specific subsequent goals. Mr. Stull stated that, although the goals are interrelated, there are goals they would need to focus on.

Mr. Buscha gave a 10-minute recess at 10:32 a.m.

AGENDA ITEM NO. 11: Update, recommendations, and possible action from the Technical Committee
The meeting returned to open session at 10:42 a.m. Ms. Donovan stated that the Technical Committee would be meeting on September 29, 2021 to further discuss the development of the Floodplain Management Goals. Ms. Powers asked how members of the public would be able to make recommendations to the Floodplain Management Goals. Mr. Stull stated the survey on the SIRFPG website was a great way to make those recommendations, however this was a dynamic and evolving process. Mr. Stull stated proposed goals would be written in the Technical Memorandum but would not be finalized until the submittal of the final Regional Flood Plan. Ms. Donovan then encouraged all SIRFPG members that had specific concerns to send recommendation of goals to the Technical Consultant. Mr. Fissel asked where the survey was located. Mr. Stull replied stating it was on the SIRFPG website. Mr. Barrett then asked if FNI would be drafting goals for the Technical Committee meeting, and Mr. Stull replied yes.

AGENDA ITEM NO. 12: Evaluation and discussion of the August 31, 2021 Public Input meeting as required by Texas Water Code §16.062(d) and 31 Texas Administrative Code §361.122(6)(4)
Mr. Stull began by stating the Public Input meeting was well attended, however he added there were more registrants than actual attendees. Mr. Stull stated FNI would send out a blast email to all those registrants to encourage participation in future meetings and to encourage use of the San Jacinto RFPG website. Ms. Armstrong asked if there was a way to target specific areas that were not participating. Ms. Puckett replied yes, confirming those areas were identified. Mr. Fissel stated FAQs would be a useful tool to answer questions from the public, noting most public comments received during the Public Input meeting involved questions. Ms. Powers mentioned that it was difficult to generate public comments because no real information was provided during the Public Input meeting. Ms. Powers stated TxDOT had held a meeting that was very informative in the beginning, then addressed all public comments. Ms. Max stated the SIRFPG was bound by the Open Meetings Act, which limited participation at the August 31, 2021 meeting. Mr. Buscha concluded the discussion by stating that communication with the public needed to improve.
AGENDA ITEM NO. 13: Presentation of 2021 Planning Group key dates and deadlines:
   a. Upcoming planning schedule milestones
   b. Next SIRFPG planning meeting to be held on October 14, 2021

AGENDA ITEM NO. 14: Update and discussion pertaining to the logistics of in-person RFPD meetings, and possible action regarding in-person meeting location
Mr. Buscha stated that the Inframark facility would continue to be used short-term and until further guidance was given. Ms. Max then stated SIRFPG committees also needed to think about how they would continue to meet and stated chairs should get with Ms. Barrios for potential meeting locations.

AGENDA ITEM NO. 15: Reminder regarding Planning Group member training on Public Information Act and Open Meetings Act
Mr. Buscha reminded everyone of the Open Meeting Act trainings.

AGENDA ITEM NO. 16: Presentation from the U.S. Army Corps of Engineers (USACE)—Galveston District: Metropolitan Houston Regional Watershed Assessment
The presentation for the Metropolitan Houston Regional Watershed Assessment was provided by Caroline McCabe and Lisa Mairs. Mr. Costello stated it would be beneficial for the Technical Consultant to utilize the information that was presented. Ms. McCabe stated she would be happy to share the information.
Mr. Costello asked in how many regional planning groups were they participating as non-voting members. Ms. Mairs replied five. Mr. Buscha then thanked Ms. McCabe and Ms. Mairs for their presentation.

AGENDA ITEM NO. 17: Consider agenda items for next meeting
   • Discussion and possible action to add the Army Corps of Engineers as a non-voting member
   • Regular standing items for committee updates
   • Project sponsor administrative costs

AGENDA ITEM NO. 18: Public comments – limit 3 minutes per person
No public comments

AGENDA ITEM NO. 19: Adjourn
Mr. Buscha adjourned the meeting at 11:37 a.m.

Alisa Max, Secretary

Timothy Buscha, Chair
Item 6: Announcement of new Alternate Members and new Non-Voting Members
Item 7: Nomination, discussion, and possible action to add a fifth member to the Public Engagement Committee
Item 8: Discussion and possible action on Regional Flood Planning Group Membership, including the consideration of the addition of new non-voting members
Item 9:
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 10: Presentation and updates from the SJRFPG Technical Consultant regarding schedule and development of the regional flood plan.
Technical Consultant Update

October 14, 2021
Task Updates

- Task 2A: Existing Condition Flood Exposure Analysis
- Task 3A: Profile of Flood Management Standards in the Region
- Task 3B: Goal Development and Recommendations
- Task 4B: Overview and Recommendation of 4B Identification Process
- Task 4C: Technical Memorandum
- Task 10: Update on Outreach & Communications
Task 2A: Existing Flood Exposure Analysis

100-year & 500-year Exposure

- Area
- # Structures
- # Residential Structures
- # Critical Facilities
- Daytime/Nighttime Population
- Roadway Stream Crossings
- Roadway Segments
- Agricultural Areas

In-Progress Items:

- Finalize Flood Prone Areas
- New buildings dataset released by TWDB in October
Task 3A: Higher Standards

Collected publicly available ordinances, regulations, and standards to develop a profile of the region.

Reviewed for higher standards including:

- Preliminary use of Atlas 14 rainfall
- Minimum Detention Rate of 0.55 acre-ft/acre
- Requirements for FFE above the 500-year
- Prohibition of use of Hydrograph Timing
- No net fill in the 100-year floodplain
Task 3B: RFPG Goal Category Feedback

Ranking from RFPG Meeting Mentimeter (09/09/2021)

- Protect Life Safety: 21%
- Improve Policy & Regulations: 19%
- Expand Funding: 18%
- Improve Flood Mitigation Projects & Strategies: 17%
- Protect Property: 10%
- Improve Data: 10%
- Expand Education & Outreach: 6%
## Task 3B: RFPG Sub-goal Feedback

Top 10 Ranking from RFPG Meeting Mentimeter (09/09/2021)

<table>
<thead>
<tr>
<th>Rank</th>
<th>Goal Category</th>
<th>Sub-Goal Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Protect Life Safety</td>
<td>Reduce number of deaths</td>
</tr>
<tr>
<td>2</td>
<td>Expand Funding</td>
<td>Expand eligibility for and use of funding programs</td>
</tr>
<tr>
<td>3</td>
<td>Protect Life Safety</td>
<td>Improve emergency access and response</td>
</tr>
<tr>
<td>4</td>
<td>Expand Funding</td>
<td>Increase communities with dedicated stormwater funding mechanisms</td>
</tr>
<tr>
<td>5</td>
<td>Improve Policy &amp; Regulations</td>
<td>Enhance local code, drainage criteria manuals and development standards</td>
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<tr>
<td>Rank</td>
<td>Goal Category</td>
<td>Sub-Goal Category</td>
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<td>-------------------------------------------------------------</td>
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<tr>
<td>6</td>
<td>Improve Policy &amp; Regulations</td>
<td>Improve interjurisdictional coordination</td>
</tr>
<tr>
<td>7</td>
<td>Improve Policy &amp; Regulations</td>
<td>Improve enforcement of floodplain management regulations</td>
</tr>
<tr>
<td>8</td>
<td>Improve Data</td>
<td>Improve understanding of flood risk; Increase extent and improve detail of H&amp;H modeling and mapping</td>
</tr>
<tr>
<td>9</td>
<td>Protect Property</td>
<td>Reduce impacts to critical facilities</td>
</tr>
<tr>
<td>10</td>
<td>Improve Flood Mitigation Projects &amp; Strategies</td>
<td>Increase sustainability and resiliency</td>
</tr>
</tbody>
</table>
Task 3B: Public Survey Responses

The public was asked to identify 3 actions, out of a list, that were the highest priority when addressing regional goals.

Protecting life safety and protecting property were not included in the list of options.

Highest Priority Goals Identified:

- Improve data
- Improve policy & regulations
- Improve flood infrastructure
- Expand funding
- Expand education & outreach
- Other
### Task 3B: Goals

**Goal Category: Protect Life Safety**

<table>
<thead>
<tr>
<th>Goal ID</th>
<th>Goal Description</th>
<th>Term &amp; Target Year</th>
<th>Extent</th>
<th>Metric</th>
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</thead>
<tbody>
<tr>
<td>0101</td>
<td>There will be 0 flood-related fatalities on average within the San Jacinto Region by 2053.</td>
<td>Short Term (30-year) 2053</td>
<td>Entire Region</td>
<td>Number of direct flood-related fatalities</td>
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</table>
**Task 3B: Goals**

**Goal Category: Expand Funding**

<table>
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<tr>
<th>Goal ID</th>
<th>Goal Description</th>
<th>Term &amp; Target Year</th>
<th>Extent</th>
<th>Metric</th>
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</thead>
<tbody>
<tr>
<td>0201</td>
<td>Increase number of TWDB FIF funds awarded within the San Jacinto Region by 10%.</td>
<td>Short Term (10-year) 2033</td>
<td>Entire Region</td>
<td>TWDB FIF Funds Awarded to communities within the San Jacinto Region</td>
</tr>
</tbody>
</table>

Certified S.M.A.R.T.
## Task 3B: Goals

**Goal Category: Protect Life Safety**

<table>
<thead>
<tr>
<th>Goal ID</th>
<th>Goal Description</th>
<th>Term &amp; Target Year</th>
<th>Extent</th>
<th>Metric</th>
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</thead>
<tbody>
<tr>
<td>0301</td>
<td>Reduce the miles of major roadways subject to inundation during the 100-year event by 20%.</td>
<td>Short Term (10-year) 2033</td>
<td>Entire Region</td>
<td>Number of miles of major roadways subject to existing 100-year flood risk</td>
</tr>
<tr>
<td>0302</td>
<td>Reduce the miles of major roadways subject to inundation during the 100-year event by 40%.</td>
<td>Long Term (30-year) 2053</td>
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## Task 3B: Goals

**Goal Category: Expand Funding**

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<th>Goal Description</th>
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<th>Extent</th>
<th>Metric</th>
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<tbody>
<tr>
<td>0401</td>
<td>Increase the number of entities that invest in stormwater infrastructure by 10% by 2033.</td>
<td>Short Term (10-year) 2033</td>
<td>Entire Region</td>
<td>Number of entities with dedicated funding towards stormwater infrastructure and planning</td>
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<tr>
<td>0402</td>
<td>Increase the number of entities that invest in stormwater infrastructure by 25% by 2053.</td>
<td>Long Term (30-year) 2053</td>
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## Task 3B: Goals

**Goal Category:** Improve Policy & Regulations

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<th>Term &amp; Target Year</th>
<th>Extent</th>
<th>Metric</th>
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</thead>
<tbody>
<tr>
<td>0501</td>
<td>All flood-related authorities within the Region will adopt minimum standards as recommended by the San Jacinto RFPG in the first cycle of regional flood planning.</td>
<td>Short Term (10-year) 2033</td>
<td>Entire Region</td>
<td>Number of flood-related authorities that adopt recommended minimum standards by the RFPG in the first cycle as well as number of authorities that already meet or exceed the recommended minimum standards</td>
</tr>
<tr>
<td>Goal ID</td>
<td>Goal Description</td>
<td>Term &amp; Target Year</td>
<td>Extent</td>
<td>Metric</td>
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<tr>
<td>0601</td>
<td>Improve interjurisdictional coordination through participation in the San Jacinto Regional Flood Planning process. Target to ensure that 50% of identified stakeholders complete the SJRFP stakeholder survey and provide data for inclusion in the regional flood plan by 2033.</td>
<td>Short Term (10-year) 2033</td>
<td>Entire Region</td>
<td>Number of identified stakeholders who submit survey responses or provide data for inclusion in the San Jacinto Regional Flood Plan</td>
</tr>
<tr>
<td>0602</td>
<td>Improve interjurisdictional coordination through participation in the San Jacinto Regional Flood Planning process. Target to ensure that 90% of identified stakeholders complete the SJRFP stakeholder survey and provide data for inclusion in the regional flood plan by 2053.</td>
<td>Long Term (30-year) 2053</td>
<td>Entire Region</td>
<td>Number of identified stakeholders who submit survey responses or provide data for inclusion in the San Jacinto Regional Flood Plan</td>
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## Task 3B: Goals

**Goal Category: Improve Data**

<table>
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<tr>
<th>Goal ID</th>
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<th>Term &amp; Target Year</th>
<th>Extent</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>0701</td>
<td>Expand the understanding of flood risk in the San Jacinto Region.</td>
<td>Short Term (10-year) 2033</td>
<td>Entire Region</td>
<td>Percentage of the floodplain quilt, by studied stream length, that is based on NOAA Atlas 14 rainfall data</td>
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</tbody>
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### Task 3B: Goals

**Goal Category: Protect Property**

<table>
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<tr>
<th>Goal ID</th>
<th>Goal Description</th>
<th>Term &amp; Target Year</th>
<th>Extent</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>0801</td>
<td>Reduce the number of critical facilities subject to inundation during the 100-year event by 15% by 2033.</td>
<td>Short Term (10-year) 2033</td>
<td>Entire Region</td>
<td>Number of critical facilities subject to existing 100-year flood risk</td>
</tr>
<tr>
<td>0802</td>
<td>Reduce the number of critical facilities subject to inundation during the 100-year event by 25% by 2053.</td>
<td>Long Term (30-year) 2053</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Task 3B: Goals

### Goal Category: Improve Flood Mitigation Projects & Strategies

<table>
<thead>
<tr>
<th>Goal ID</th>
<th>Goal Description</th>
<th>Term &amp; Target Year</th>
<th>Extent</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>0901</td>
<td>At least 35% of all flood mitigation strategies (FMSs) and flood mitigation projects (FMPs) identified within the regional flood plan will incorporate nature-based practices by 2033.</td>
<td>Short Term (10-year) 2033</td>
<td>Entire Region</td>
<td>Number of critical facilities in the 100-year floodplain</td>
</tr>
<tr>
<td>0902</td>
<td>All (100%) of flood mitigation strategies (FMSs) and flood mitigation projects (FMPs) identified within the regional flood plain will incorporate nature-based practices by 2053.</td>
<td>Long Term (30-year) 2053</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Task 3B: Goals

**Goal Category:** Protect Property

<table>
<thead>
<tr>
<th>Goal ID</th>
<th>Goal Description</th>
<th>Term &amp; Target Year</th>
<th>Extent</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>1001</td>
<td>Reduce the number of structures within the 100-year floodplain by <strong>XX</strong>% by 2053.</td>
<td>Long Term (30-year) 2053</td>
<td>Entire Region</td>
<td>Number of structures removed from the 100-year floodplain</td>
</tr>
</tbody>
</table>

*Certified S.M.A.R.T.*

*To be discussed by RFPG.*
Task 4B: Research Update

Collected high-level publicly available data on identified flood mitigation projects

To be refined by the project type, status, funding, existing information, etc.

Identification process of FME, FMP, FMS (shown in later slides)

<table>
<thead>
<tr>
<th>County</th>
<th>Number of Identified Actions*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brazoria</td>
<td>5</td>
</tr>
<tr>
<td>Chambers</td>
<td>2</td>
</tr>
<tr>
<td>Fort Bend</td>
<td>10</td>
</tr>
<tr>
<td>Galveston</td>
<td>16</td>
</tr>
<tr>
<td>Grimes</td>
<td>7</td>
</tr>
<tr>
<td>Harris</td>
<td>229</td>
</tr>
<tr>
<td>Liberty</td>
<td>11</td>
</tr>
<tr>
<td>Montgomery</td>
<td>145</td>
</tr>
<tr>
<td>San Jacinto</td>
<td>-</td>
</tr>
<tr>
<td>Walker</td>
<td>3</td>
</tr>
<tr>
<td>Waller</td>
<td>1</td>
</tr>
</tbody>
</table>

*within San Jacinto Region
Task 4B: Identification Process

Needs Inventory generated by Tech Consultant and Stakeholders

- Is there a defined program comprised of multiple projects?
  - Yes
  - Does the plan have sufficient information to implement?
    - Yes → FMS
    - No → Has the need been evaluated or studied before?
      - No → FME
      - Yes → Does we have a current model and sufficient details?
        - Yes → FMP
        - No → Has the need been evaluated or studied before?
          - Yes → Does we have a current model and sufficient details?
            - Yes → FMP
            - No → FME
          - No → FME
## Task 4C: Technical Memorandum

<table>
<thead>
<tr>
<th>Deliverable Components:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>List of political subdivisions and flood-related authorities</td>
<td>List of available flood-related models</td>
</tr>
<tr>
<td>List of relevant previous flood studies</td>
<td>Flood mitigation and floodplain management goals adopted by the RFPG</td>
</tr>
<tr>
<td>Maps and geospatial data representing the 100-year and 500-year flood events</td>
<td>Documented process used by the RFPG to identify potentially feasible FMSs and FMPs</td>
</tr>
<tr>
<td>Maps and geospatial data representing flood prone areas</td>
<td>List of FMEs and potentially feasible FMSs and FMPs identified</td>
</tr>
<tr>
<td>Maps and geospatial data identifying where existing hydrologic and hydraulic models are available to evaluate FMSs and FMPs</td>
<td>List of FMSs and FMPs that were identified but determined to be infeasible</td>
</tr>
</tbody>
</table>
Upcoming Schedule

October
- Develop draft Technical Memorandum
- *(Tentative)* No Technical Committee meeting

November
- Deliver draft Tech. Memo. to Technical Committee and RFPG
- Discuss deliverable at the RFPG meeting on 11/11
- Tech. Committee and RFPG to review draft Tech. Memo. and provide comments to Technical Consultant

December
- Technical Committee meeting to discuss Tech. Memo. revisions
- Technical Committee to recommend approval of the Tech. Memo. at the RFPG meeting on 12/9
Task 10: Data Collection

- **Public Survey**
  - 23 responses
  - 416 unique users to survey site

- **Coordination with GLO Central Region Study**
  - Received data from 14 entities

- **Stakeholder Survey**
  - 318/1,060 eBlasts were opened
  - Upcoming direct outreach with Stakeholder point-of-contacts
## Social Media Establishment & Management

### Platforms
- Twitter
- Facebook
- Proposed Social Media Handle/ID:
  - @SanJacintoFloodPlanning

### Purpose
- Drive awareness through accessible and free information channels
- Announce upcoming meetings and engagement opportunities
- Promote the transparency and authenticity of the San Jacinto RFPG

### Proposed Content
- General safety, preparedness, and flood risk awareness messaging
- Educational information and graphics
- Information about/documentation of public engagement efforts
- Opportunities for the public to participate and engage with SJRFPG representatives
Example Social Media Content

Join us

@SJRFPG

Region 6
San Jacinto Regional Flooding Group
Planning Meeting

THURSDAY, OCTOBER 14
Online or In-Person

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

SCAN FOR MEETING AGENDA

San Jacinto Regional Flood Planning Group

Today at 6:00am

Meeting Reminder

Join us Thursday, October 14 at 9 am for the Region 6 San Jacinto Regional Flood Planning Group.

Join us online or in-person

Click here for the meeting agenda

www.sanjacintofloodplanning.org/meetings

Like

Comment

Share

David and 4 others

Write a comment...
Item 11:
Update and recommendations from the Technical Committee and possible action from the RFPG as it relates to:

a. Floodplain Management Goals
b. Process for Identifying Potentially Feasible FMEs, FMSs, and FMPs
<table>
<thead>
<tr>
<th>GOAL ID</th>
<th>GOAL DESC</th>
<th>TERM</th>
<th>TGT YEAR</th>
<th>EXTENT</th>
<th>MEASURE</th>
<th>ASSC GOALS</th>
<th>MENTI METER GOAL CATEGORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>0101</td>
<td>There will be 0 flood-related fatalities on average within the San Jacinto Region by 2053.</td>
<td>Long Term (30-year)</td>
<td>2053</td>
<td>Entire RFPG</td>
<td>Number of direct flood-related fatalities</td>
<td></td>
<td>Protect Life Safety</td>
</tr>
<tr>
<td>0201</td>
<td>Increase number of TWDB FIF funds awarded within the San Jacinto Region by 10%.</td>
<td>Short Term (10-year)</td>
<td>2033</td>
<td>Entire RFPG</td>
<td>TWDB FIF Funds awarded to communities within the San Jacinto Region</td>
<td></td>
<td>Expand Funding (1)</td>
</tr>
<tr>
<td>0301</td>
<td>Reduce the miles of major roadways subject to inundation during the 100-year event by 20% by 2033.</td>
<td>Short Term (10-year)</td>
<td>2033</td>
<td>Entire RFPG</td>
<td>Number of miles of major roadways subject to existing 100-year flood risk</td>
<td>0302</td>
<td>Protect Life Safety (2)</td>
</tr>
<tr>
<td>0302</td>
<td>Reduce the miles of major roadways subject to inundation during the 100-year event by 40% by 2053.</td>
<td>Long Term (30-year)</td>
<td>2053</td>
<td>Entire RFPG</td>
<td>Number of miles of major roadways subject to existing 100-year flood risk</td>
<td>0301</td>
<td>Protect Life Safety</td>
</tr>
<tr>
<td>0401</td>
<td>Increase the number of entities that invest in stormwater infrastructure by 10% by 2033.</td>
<td>Short Term (10-year)</td>
<td>2033</td>
<td>Entire RFPG</td>
<td>Number of entities that dedicate funding towards stormwater infrastructure and planning</td>
<td>0402</td>
<td>Expand Funding (2)</td>
</tr>
<tr>
<td>0402</td>
<td>Increase the number of entities that invest in stormwater infrastructure by 25% by 2053.</td>
<td>Long Term (30-year)</td>
<td>2053</td>
<td>Entire RFPG</td>
<td>Number of entities that dedicate funding towards stormwater infrastructure and planning</td>
<td>0401</td>
<td></td>
</tr>
<tr>
<td>0501</td>
<td>All flood-related authorities within the Region will adopt minimum standards as recommended by the San Jacinto RFPG in the first cycle of regional flood planning.</td>
<td>Short Term (10-year)</td>
<td>2033</td>
<td>Entire RFPG</td>
<td>Number of flood-related authorities that adopt recommended minimum standards by the RFPG in the first cycle as well as number of authorities that already meet or exceed the recommended minimum standards</td>
<td></td>
<td>Improve Policy &amp; Regulations</td>
</tr>
<tr>
<td>0601</td>
<td>Improve interjurisdictional coordination through participation in the San Jacinto Regional Flood Planning process. Target to ensure that 50% of identified stakeholders complete the SIRFP stakeholder survey and provide data for inclusion in the regional flood plan by 2033.</td>
<td>Short Term (10-year)</td>
<td>2033</td>
<td>Entire RFPG</td>
<td>Number of identified stakeholders who submit survey responses or provide data for inclusion in the San Jacinto Regional Flood Plan</td>
<td>0602</td>
<td>Improve Policy &amp; Regulations</td>
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<tr>
<td>0602</td>
<td>Improve interjurisdictional coordination through participation in the San Jacinto Regional Flood Planning process. Target to ensure that 90% of identified stakeholders complete the SIRFP stakeholder survey and provide data for inclusion in the regional flood plan by 2053.</td>
<td>Long Term (30-year)</td>
<td>2053</td>
<td>Entire RFPG</td>
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</tr>
<tr>
<td>0701</td>
<td>Expand the understanding of flood risk in the San Jacinto Region.</td>
<td>Short Term (10-year)</td>
<td>2033</td>
<td>Entire RFPG</td>
<td>Percentage of the floodplain quilt, by studied stream length, that is based on NOAA Atlas 14 rainfall data</td>
<td></td>
<td>Improve Data</td>
</tr>
<tr>
<td>0801</td>
<td>Reduce the number of critical facilities subject to inundation during the 100-year event by 15% by 2033.</td>
<td>Short Term (10-year)</td>
<td>2033</td>
<td>Entire RFPG</td>
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<td>Protect Property</td>
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<td>Entire RFPG</td>
<td>Number of FMSs and FMPs that incorporate nature-based practices as defined within the San Jacinto Regional Flood Plan</td>
<td>0902</td>
<td>Improve Flood Mitigation Projects &amp; Strategies</td>
</tr>
<tr>
<td>0902</td>
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<td>Entire RFPG</td>
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<td>0901</td>
<td></td>
</tr>
<tr>
<td>1001</td>
<td>Reduce the number of structures within the 100-year floodplain by XX% by 2053.</td>
<td>Long Term (30-year)</td>
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<td>Entire RFPG</td>
<td>Number of structures removed from the 100-year floodplain</td>
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<td>Protect Property(2)</td>
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Task 4B: Identification Process

Needs Inventory generated by Tech Consultant and Stakeholders

- Is there a defined program comprised of multiple projects?
  - Yes: Does the plan have sufficient information to implement?
    - Yes: FMS
    - No: FME
  - No: Has the need been evaluated or studied before?
    - Yes: Do we have a current model and sufficient details?
      - Yes: FMP
    - No: FME
Item 12: Update and recommendations from the Executive Committee, and possible action from RFPG as it relates to the approval of administrative costs
Item 13:
Approval and certification of expenses incurred by the Project Sponsor for the development of the Regional Flood Plan
Item 14:
Discussion and potential action to authorize the Planning Group Sponsor to negotiate and execute an amendment to the Regional Flood Planning Grant contract with the TWDB, to incorporate additional funding for the first cycle of regional flood planning, including necessary revisions to the contract scope of work and budget.
Item 15: Discussion and potential action to authorize the Planning Group Sponsor to negotiate and execute an amendment to the Regional Flood Planning Grant subcontract with the technical consultant, Freese and Nichols, Inc., to incorporate additional funding for the first cycle of regional flood planning, including necessary revisions to the contract scope of work and budget.
Item 16:
Presentation of 2021 Planning Group key dates and deadlines:

a. Upcoming planning schedule milestones
b. Next SJRFPG planning meeting to be held on November 11, 2021
Item 17: Update and discussion pertaining to the logistics of in-person RFPG meetings, and possible action regarding in-person meeting location.
Item 18: Reminder regarding Planning Group member training on Public Information Act and Open Meetings Act
Item 19: Consider agenda items for next meeting
Item 20: 
Public comments – limit 3 minutes per person
Item 21: Meeting Adjourn