

**NOTICE OF OPEN MEETING OF THE SAN ANTONIO REGIONAL FLOOD PLANNING
GROUP**

Region 12 San Antonio RFPG

05/26/2022

2:00 PM

TAKE NOTICE that a meeting of the San Antonio Regional Flood Planning Group as established by the Texas Water Development Board, will be held on Thursday, May 26, 2022, at 2:00 PM, in-person at the San Antonio River Authority Board room, located at 201 W. Sheridan St. and virtually on GotoMeeting at <https://meet.goto.com/961396317>.

- Agenda:**
1. (2:00 PM) Roll-Call
 2. Public Comments – limit 3 minutes per person
 3. Approval of the Minutes from the Previous San Antonio Regional Flood Planning Group Meeting (Region 12)
 4. Communications from the Texas Water Development Board (TWDB)
 5. Chair Report
 6. Updates from Region 12 Subcommittees
 7. Discussion on Tasks 6, 7, 8, 9 Methodologies
 8. Discussion and Appropriate Action Regarding Regional Liaison Representation
 9. Regional Liaison Update
 10. Public Comments - limit 3 minutes per person
 11. Date and Potential Agenda Items for Next Meeting
 12. Adjourn

If you wish to provide written comments prior to or after the meeting, please email your comments to khayes@sariverauthority.org or physically mail them to the attention of Kendall Hayes at San Antonio River Authority, 201 W. Sheridan, San Antonio, TX, 78204 and include “Region 12 San Antonio Flood Planning Group Meeting” in the subject line of the email.

Additional information may be obtained from: Kendall Hayes (210) 302-3641, khayes@sariverauthority.org, San Antonio River Authority, 201 W. Sheridan, San Antonio, TX.

Meeting Minutes
Region 12 San Antonio Regional Flood Planning Group Meeting
Thursday, April 7, 2022
2:00 PM
San Antonio River Authority

Roll Call:

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (x) /Absent () / Alternate Present (*)</u>
Brian Yanta	<i>Agricultural interests</i>	X
David Wegmann	<i>Counties</i>	
Derek Boese	<i>River authorities</i>	X
Doris Cooksey	<i>Electric generating utilities</i>	X
Deborah (Debbie) Reid	<i>Environmental interests</i>	X
Nefi M. Garza	<i>Flood districts</i>	X
Cara C. Tackett	<i>Industries</i>	X
Jeffrey Carroll	<i>Municipalities</i>	X
John Paul Beasley	<i>Public</i>	
Suzanne B. Scott	<i>Nonprofit</i>	X
Steve Gonzales	<i>Small business</i>	X
David Mauk	<i>Water districts</i>	X
Steve Clouse	<i>Water utilities</i>	

<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent()/ Alternate Present (*)</u>
Marty Kelly	Texas Parks and Wildlife Department	X
James Guin	Texas Division of Emergency Management	
Jami McCool	Texas Department of Agriculture	X
Jarod Bowen	Texas State Soil and Water Conservation Board	X
Kris Robles	General Land Office	X
Anita Machiavello	Texas Water Development Board (TWDB)	*Richard Bagans
Susan Roberts	Texas Commission on Environmental Quality	

Quorum:

Quorum: **Yes**

Number of voting members or alternates representing voting members present: **10**

Number required for quorum per current voting positions of 13: **7**

All meeting materials are available for the public at: <http://www.region12texas.org>.

AGENDA ITEM NO.1: ROLL CALL

Ms. Kendall Hayes, San Antonio River Authority, called the role and confirmed a quorum.

AGENDA ITEM NO.2: PUBLIC COMMENT – LIMIT 3 MINUTES PER PERSON

No public comments.

AGENDA ITEM NO.3: APPROVAL OF THE MINUTES FROM THE PREVIOUS SAN ANTONIO REGIONAL FLOOD PLANNING GROUP MEETING (REGION 12)

Ms. Reid motioned to approve the minutes. Mr. Boese seconded the motion, motion passed.

AGENDA ITEM NO.4: COMMUNICATIONS FROM THE TEXAS WATER DEVELOPMENT BOARD (TWDB)

Mr. Bagans provided an update on behalf of TWDB. The March 7th Deliverable was deemed administratively complete. Draft Regional Flood Plan is due August 1st and the 30-day public comment period can be after the due date.

AGENDA ITEM NO.5: CHAIR REPORT

Chair Garza reiterated the successful technical supplement passing through TWDB's first review. He brought to the RFPG's attention local city news. San Antonio City Council has requested the creation of a citizen's group to assist the city in prioritizing draining projects within the city of San Antonio.

AGENDA ITEM NO.6: UPDATES FROM REGION 12 SUBCOMMITTEES

Mr. Boese provided an update on the Technical Subcommittee's progress on Task 3B metrics. Ms. Scott provided an update on the Outreach Subcommittee's discussions on outreach goals and summer outreach programs. She added that the subcommittee is analyzing the list of outreach contacts to ensure that all areas are covered.

AGENDA ITEM NO.7: DISCUSSION AND APPROPRIATE ACTION REGARDING TASK 3B

Chair Garza opened the floor for comments and questions on individual goal items. Ms. Reid asked how the goals will be recorded and measured over the course of the term. Mr. Bagans explained that the main purpose of the goals for each region is to set standards for the projects that the RFP will suggest.

Mr. Boese motioned to approve Task 3B as presented today. Ms. Scott seconded the motion, motion passed.

AGENDA ITEM NO.8: CONVERSATION ON NATURAL FLOOD MITIGATION FEATURES AND NATURE-BASED SOLUTIONS

Mr. Ron Branyon reviewed the types of captured data sets of natural features and constructed major infrastructure. Discussion ensued regarding the nature of conservation easements. The RFPG requested that Mr. Bagans ask TWDB to inquire about parks and green space as applicable in this category.

Discussion ensued regarding the analysis of the functionality of existing natural features. Mr. Dorman reminded the RFPG that a goal established by the Technical Committee is to further study the existing features. Mr. Branyon reminded the RFPG that each FMX will have a box to check regarding nature-based solutions. Each FMX has to tie back to one of the goals. There are several opportunities to include nature-based solution data into the RFP.

AGENDA ITEM NO.9: REGIONAL LIAISON UPDATE

Mr. Mauk provided an update on Region 13. They met last week and established a subcommittee to look into legislative priorities and outlook. Ms. Scott recommended that Region 12 establish the same committee at a later date to address Chapter 8. Ms. Tackett did not have an update to provide for Region 10. Ms. Scott did not have an update to provide for Region 11 and instead asked Ms. Annalise Peace, Greater Edwards Aquifer Alliance, to provide an update. She said that there were chapter and website updates presented at the latest meeting.

AGENDA ITEM NO.10: PUBLIC COMMENTS

No public comments.

AGENDA ITEM NO.11: DATE AND POTENTIAL AGENDA ITEMS FOR NEXT MEETING

The Technical Subcommittee meets on April 21 at 9:00 AM. The Outreach Subcommittee meets on April 22 at 2:00 PM. The Planning Group will meet next on May 26 at 2:00 PM.

AGENDA ITEM NO.12: ADJOURN

Mr. Boese motioned to adjourn. Ms. Reid seconded the motion, motion passed.



SARFPG Meeting

May 26, 2022



Agenda

- Stakeholder Outreach Update – 3 Public Meetings
- Technical Memo Update – Comments from TWDB
- Task 6-9 Discussion

Stakeholder Outreach Update

West San Antonio Meeting

WHEN: Monday, June 6, 2022, 6:30-8:00 p.m.

WHERE: Sam Rayburn Middle School, 1400 Cedarhurst Dr., San Antonio, TX 78227

Schertz-Cibolo/Universal City Meeting

WHEN: Tuesday, June 7, 2022, 6:30-8:00 p.m.

WHERE: City of Schertz - North Center, 3501 Morning Dr., Schertz, TX 78108

Floresville Meeting

WHEN: Thursday, June 16, 2022, 6:30-8:00 p.m.

WHERE: Jack's Café (large meeting room), 507 10th St., Floresville, TX 78114

REGION
12



FLOOD PLANNING PUBLIC MEETINGS

Learn about our region's first-ever flood plan & share feedback

West San Antonio

June 6

6:30-8PM

**Schertz-Cibolo/
Universal City**

June 7, 6:30-8PM

Floresville

June 16

6:30-8PM

REGION 12 FLOOD PLANNING PUBLIC MEETINGS

Help Protect our Communities from Future Flooding!

The San Antonio Regional Flood Planning Group (SARFPG) is creating the first-ever flood plan for Region 12, which includes counties along the San Antonio River Basin. Join us for our upcoming public meetings to help us build a strong flood plan that keeps our local communities, families, and homes safe from flooding for years to come.

About Region 12

Region 12 includes parts of Aransas, Atascosa, Bandera, Bexar, Calhoun, Comal, DeWitt, Goliad, Guadalupe, Karnes, Kendall, Kerr, Medina, Refugio, Victoria and Wilson counties.

About the Region 12 Flood Plan

As part of a statewide initiative, this flood plan will recommend projects to prevent flood damage to lives and property across our region. Earlier this year, SARFPG hosted a series of meetings to gather community input. Now, we're reaching out to:

- Provide flood planning status updates.
- Share potential short- and long-term flooding recommendations and get your feedback.
- Learn more about your flooding experiences.
- Provide an opportunity to speak directly with our project team.

June Public Meetings

West San Antonio	Schertz-Cibolo/Universal City	Floresville
WHEN: Monday, June 6, 2022, 6:30-8:00 p.m.	WHEN: Tuesday, June 7, 2022, 6:30-8:00 p.m.	WHEN: Thursday, June 16, 2022, 6:30-8:00 p.m.
WHERE: Sam Rayburn Middle School 1400 Cedarhurst Dr. San Antonio, TX 78227	WHERE: City of Schertz - North Center 3501 Morning Dr. Schertz, TX 78108	WHERE: Jack's Café (large meeting room) 507 10th St. Floresville, TX 78114

Share Your Feedback

Unable to stop by a public meeting? You can still share feedback on the Region 12 Flood Plan. Go to bit.ly/Region12FloodPlanning or scan this QR code with your smart phone's camera to take our survey.



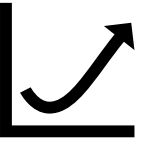
SAN ANTONIO REGIONAL FLOOD PLANNING GROUP

Region12Texas.org
(210) 227-1373

Comments from TWDB

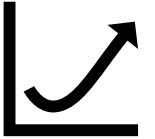
- Received comments from TWDB on Jan 7th submittal (4/18/2022)
 - Informal comments – No response required
 - Will provide comment response log to Technical Committee and RFPG
- Received comments from TWDB on March 7th submittal (5/16/2022)
 - Informal comments – No response required
 - Will provide comment response log to Technical Committee and RFPG

Task 6 – Impact and Contribution to the regional flood plan



- 6A – Impacts of regional flood plan
 - Region-wide summary of the relative reduction in flood risk that implementation of regional flood plan would achieve.
 - Statement of no-negative impacts
 - Potential positive and negative socioeconomic or recreational impacts
 - General impacts to the following: environment, agriculture, recreational resources, water quality, erosion, sedimentation and navigation.

Task 6 – Impact and Contribution to the regional flood plan



- 6B – Contributions to and impacts on water supply development and the state water plan
 - RFPGs must present and summarize positive and negative impacts of the flood plan on the state water plan. RFPGs shall coordinate with RWPGs regarding this task
 - RFPGs must present a table listing all the recommended FMSs, or FMPs in the flood plan that, if implemented, would measurably contribute to water supply if implemented including fields in the table that indicate the associated annual volumes of water and whether each one can increase water supply, directly benefit water availability, indirectly benefit water availability, has no anticipated impact.
 - RFPGs must present a table listing every recommended FMS or FMP in the flood plan that, if implemented, would negatively impact and/or measurably reduce water availability or water supply volumes.

Task 7 – Summary of flood response information and activities

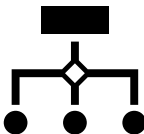


Figure 6: The four phases of emergency management (FEMA, 1998)



Table 18: Definition and examples of the four phases of emergency management ^A

	General definition	Example projects (not an exhaustive list)
Flood mitigation	“The implementation of actions, including both structural and non-structural solutions, to reduce flood risk to protect against the loss of life and property.” (Title 31 Texas Administrative Code §361.10(k))	See Section 3.2(2-3) examples of structural and non-structural Flood Mitigation Projects.
Flood preparedness	Actions, aside from mitigation, that are taken before flood events to prepare for flood response activities	Developing emergency management and evacuation plans, preparing staging areas, and building flood early warning systems
Flood response	Actions taken during and in the immediate aftermath of a flood event	Conducting evacuations, providing shelters, closing flooded roads, and operating flood warning systems
Flood recovery	Actions taken after a flood event involving repairs or other actions necessary to return to pre-event conditions	Repairs to damaged infrastructure, storm event debris removal

^A Table adapted from *Animals in Disaster, Module A, Awareness and Preparedness* (FEMA, 1998)

Title 31 TAC §361.72(a)(4) states that the Board will not provide funds to the RFPGs for “analysis or other activities related to planning for disaster response or recovery activities...” Accordingly, this task is limited to a summary of existing preparations for flood response activities and existing recovery efforts and does not require RFPGs to propose new or modified flood preparedness, response, or recovery activities. At their discretion, the RFPG may also include policy recommendations related to this plan content, as appropriate in Chapter 8.



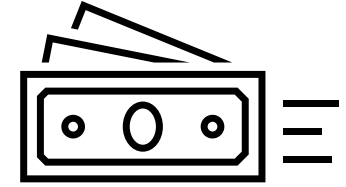
Task 8 – Administrative, regulatory, and legislative recommendations

- Legislative recommendations necessary to facilitate floodplain management and flood mitigation planning
- Regulatory or administrative recommendations
- Additional recommendations RFPG desires to achieve goals
- Recommendations regarding potential, new revenue-raising opportunities and/or regional flood authorities that could fund development, operation and maintenance of floodplain management



“These recommendations may address items that benefit and/or can be implemented at the local, regional, or state level. Recommendations, in general, are anticipated to be aimed at supporting flood risk reduction and supporting implementation of the regional flood plans, including exploring innovative ways of funding flood risk reduction activities. Recommendations may include suggested changes to the flood planning process for the TWDB to consider when implementing the next cycle of regional and state flood planning. The RFPGs may make policy recommendations for the legislature to consider.”

Task 9 – Flood infrastructure financing analysis



- RFPGs shall indicate how individual local governments, regional authorities, and other political subdivisions in their region that will sponsor flood risk mitigation efforts propose to finance the region's recommended FMSs, FMPs, and FMEs included in their flood plan.
- The assessment shall also describe what role that the RFPG proposes for the state in financing recommended FMSs, FMPs, and FMEs.
- As projects are implemented, those improvements and associated benefits shall be incorporated into and reflected in the subsequent RFPs

Task 9 – Flood infrastructure financing analysis

Table 19: FMS, FMP, FME funding survey template format (with illustrative examples)

RFPG Number	Sponsor Entity Name	FMS or FMP or FME	FMS FMP FME - Name	Regional plan's unique FMS/FMP/FME identification number	Target year of full implementation	Estimated costs in plan			Estimated percent (share) of total FMS, FMP, or FME estimated cost			
						Non-construction costs	Construction-related costs	Total estimated cost	Sponsor Funding		Other Funding Needed (including state, federal and/ or other funding)	TOTAL (auto) sum must = 100%
									ANTICIPATED SOURCE of Sponsor funding (e.g., taxes; general revenue; dedicated revenue incl. fees)	FUNDING TO BE FINANCED BY SPONSOR (including local, county, or regional mechanisms available but not yet fully utilized)		
21	City of Howdy	FMP	Widen main downtown channel	2003	2028	\$3,484,000	\$8,129,000	\$11,613,000	stormwater fees	75%	25%	100%
21	Major River Authority	FMP	Levee improvements	3001	2030	\$37,544,000	\$212,754,000	\$250,298,000	fees	50%	50%	100%
21	James County	FME	Study southeast county flooding along Colorado River to identify solutions	4409	2024	\$722,000	\$0	\$722,000	taxes	50%	50%	100%
21	James County	FMS	Study to develop county-wide floodplain development policy	4409	2024	\$200,000	\$0	\$200,000	taxes	100%	0%	100%

These are minimum reporting requirements however, an RFPG may present more information gathered and/or utilized in the development of their plan. For example, this assessment could also include information about what existing funding mechanisms sponsors already have available or plan to implement to support the funding and implementation of recommended projects in the regional flood plan.

Next Steps

- Next Month - FMP,'s FME's, FMS's



Any Questions

Contact info: Ron Branyon
Email: Ronald.branyon@hdrinc.com
Phone: 210.912.7105

2.6 Task 6 – Impact and contribution of the regional flood plan

This section is organized in several parts: goals, excerpts from relevant rules and scope of work, followed by additional guidance and submittal requirements.

Goals:

The goal of this task is for RFPs to summarize the impacts of implementation of the regional flood plan.

2.6.A Task 6A – Impacts of regional flood plan (361.40)

Information included in rules and scope of work:

The regional flood plans must include:

1. A region-wide summary of the relative reduction in flood risk that implementation of the regional flood plan would achieve within the region including with regard to life, injuries, and property.
2. A statement that the FMPs in the plan, when implemented, will not negatively affect neighboring areas located within or outside of the FPR.
3. A general description of the types of potential positive and negative socioeconomic or recreational impacts of the recommended FMSs and FMPs within the FPR; and
4. A general description of the overall impacts of the recommended FMPs and FMSs in the Regional Flood Plan on the environment, agriculture, recreational resources, water quality, erosion, sedimentation, and navigation.

Additional guidance:

The presentation of information related to item 1 above should be based on two, before-and-after (regional flood plan implementation) comparisons of the same types of information provided under both the Task 2 Existing Flood Risk and Future Flood Risk Analyses. These two comparisons may, for example, also indicate a percent change in flood risk faced by various elements including critical infrastructure etc. These two comparisons (one comparison each for a 1 percent event and another for a 0.2 percent event) should illustrate both how much the region's existing flood risk will be reduced through implementation of the plan as well as how much additional, future flood risk (that might otherwise arise if no changes were made to floodplain policies etc.) will be avoided through implementation of the regional flood plan, including recommended changes/improvements to the region's floodplain management policies etc.

The RFPs must include a statement that the plan, when implemented, will not negatively affect neighboring areas located within or outside of the FPR. The plan content should speak, separately, to the anticipated overall impacts of the plan on each of the categories; environment, agriculture, recreational resources, water quality, erosion, sedimentation, and navigation.

The RFPs will identify and report the following information in this task:

1. Total area in need of flood risk identification or update vs. total area that will be evaluated via the completion of the FMEs recommended in this flood plan.
2. Total number of structures in the 1 percent and 0.2 percent annual chance floodplains before and after the implementation of the plan.
3. Total estimated population in 1 percent and 0.2 percent annual chance floodplains and in flood prone areas before and after the implementation of the flood plan.
4. Number of low water crossings removed from flood risk after the implementation of plan.

5. Impact on future flood risk by avoiding increase of existing flood risk after the implementation of plan.
6. Overall impact on water supply.
7. Overall impact on the environment, agriculture, recreational resources, water quality, erosion, sedimentation, and navigation.

2.6.B Task 6B – Contributions to and impacts on water supply development and the state water plan (361.41)

Information included in rules and scope of work:

Regional flood plans must include a region-wide summary and description of the contribution that the regional flood plan would have to water supply development including a list of the specific flood management strategies and/or flood mitigation projects that would contribute to water supply; and a description of any anticipated impacts, including to water supply or water availability or projects in the state water plan, that the regional flood plan FMSs and FMPs may have.

Additional guidance:

RFPGs must present and summarize positive and negative impacts of the flood plan on the state water plan. RFPGs shall coordinate with RWPGs regarding this task.

RFPGs must present a table listing all the recommended FMSs, or FMPs in the flood plan that, if implemented, would measurably contribute to water supply if implemented including fields in the table that indicate the associated annual volumes of water and whether each one:

1. Involves directly increasing ‘water supply’⁶ volume available during drought of record which requires both availability increase and directly connecting supply to specific water user group(s) with an identified water supply need
2. Directly benefits ‘water availability’ by, for example, injecting into aquifer but no one takes it as supply directly
3. Indirectly benefits ‘water availability’ (e.g., indirectly recharges aquifers naturally)
4. Has no anticipated impact on water supply

RFPGs must present a table listing every recommended FMS or FMP in the flood plan that, if implemented, would negatively impact and/or measurably reduce:

1. water availability volumes that are the basis for the most recently adopted state water plan and/or
2. water supply volumes if implemented.

For example, a FMS or FMP that involves reallocating a portion of reservoir storage that is currently designated for water supply purposes to be used, instead, for flood storage, would measurably reduce the water availability at that water source in the most recently adopted state water plan. The related potential impacts of this reduction must be also be described (e.g., less water available for water user groups under drought of record conditions; an increase in needs and or unmet needs). Water volumes should be discussed and presented in terms of acre-feet per year.

⁶ The meanings of terms ‘water supply’ and ‘water availability’ and ‘needs’, as referred to in this guidance, are to be understood and interpreted in the same manner as they are used in regional water planning.

2.7 Task 7 – Flood response information and activities (361.42)

This section is organized in several parts: goals, excerpts from relevant rules and scope of work, followed by additional guidance and submittal requirements.

Goals:

The goal of this task is for RFPs to summarize existing flood response and recovery activities in the region.

Information included in rules and scope of work:

RFPs are to summarize the nature and types of flood response preparations within the FPR including providing where more detailed information is available regarding recovery. RFPs must not perform analyses or other activities related to planning for disaster response or recovery activities.

Additional guidance:

FEMA defines four phases of emergency management: Mitigation, Preparedness, Response, and Recovery, see figure below.

Figure 6: The four phases of emergency management (FEMA, 1998)

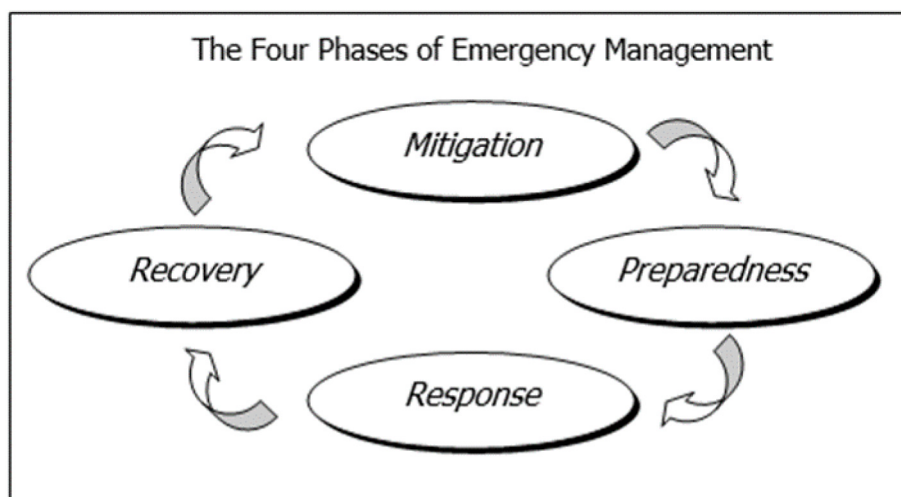


Table 18: Definition and examples of the four phases of emergency management ^A

	General definition	Example projects (not an exhaustive list)
Flood mitigation	"The implementation of actions, including both structural and non-structural solutions, to reduce flood risk to protect against the loss of life and property." (Title 31 Texas Administrative Code §361.10(k))	See Section 3.2(2-3) examples of structural and non-structural Flood Mitigation Projects.
Flood preparedness	Actions, aside from mitigation, that are taken before flood events to prepare for flood response activities	Developing emergency management and evacuation plans, preparing staging areas, and building flood early warning systems
Flood response	Actions taken during and in the immediate aftermath of a flood event	Conducting evacuations, providing shelters, closing flooded roads, and operating flood warning systems

	General definition	Example projects (not an exhaustive list)
Flood recovery	Actions taken after a flood event involving repairs or other actions necessary to return to pre-event conditions	Repairs to damaged infrastructure, storm event debris removal

^A Table adapted from *Animals in Disaster, Module A, Awareness and Preparedness (FEMA, 1998)*

Flood mitigation is the primary focus of the regional flood planning process and plan development efforts with regard to identifying and recommending FMEs, FMSs and FMPs by the RFPG. The plan may include flood preparedness FMEs, FMSs and FMPs. Flood response, and recovery activities and efforts will not be included as FMSs or FMPs in the regional flood plans but the efforts related to flood preparedness, response, and recovery will be summarized in this chapter of the regional flood plan and the group can make general recommendations in Chapter 8 regarding additional efforts that should be put forth towards these types of activities if the RFPG considers current efforts inadequate.

In this task, the RFPG will consider and summarize the last three flood activity phases (above) and will need to coordinate with local, regional, state, and federal entities with flood preparedness, response, and recovery authority, including municipalities and counties, in the region. The Plan must contain a written summary of the current state of flood preparedness in the region to respond to future floods, including a summary of the roles and responsibilities of various entities. The Plan must also contain a written summary of entities involved and actions taken or planned for recovery from past flood disasters in the region.

The prior tasks in the development of the regional flood plans focus on recommending specific FMSs and FMPs that, if implemented prior to the onset of flood events, should directly reduce flood risk and thereby indirectly reduce the magnitude of flood response and recovery efforts that would be necessary during and following flood events.

The content of this section of the regional flood plans is focused on potential recommendations to include in Chapter 8 of the plan. The plan may discuss the intersection of some of the particular regional flood plan content including floodplain management recommendations, FMSs, FMPs, or other policy recommendations, where there may be direct links between those flood items in the plan that would be implemented prior to storm events and how they may directly or indirectly support reduce the need for or otherwise support preparation for and response to flood events.

Title 31 TAC §361.72(a)(4) states that the Board will not provide funds to the RFPGs for “analysis or other activities related to planning for disaster response or recovery activities...” Accordingly, this task is limited to a summary of existing preparations for flood response activities and existing recovery efforts and does not require RFPGs to propose new or modified flood preparedness, response, or recovery activities. At their discretion, the RFPG may also include policy recommendations related to this plan content, as appropriate in Chapter 8.

2.8 Task 8 – Administrative, regulatory, and legislative recommendations (361.43)

This section is organized in several parts: goals, excerpts from relevant rules and scope of work, followed by additional guidance and submittal requirements.

Goals:

The goal of this task is for RFPGs to develop legislative, regulatory, administrative, or other recommendations.

Information included in rules and scope of work:

RFPGs must develop and include in their flood plans:

1. legislative recommendations that they consider necessary to facilitate floodplain management and flood mitigation planning and implementation;
2. other regulatory or administrative recommendations that they consider necessary to facilitate floodplain management and flood mitigation planning and implementation;
3. any other recommendations that the RFPG believes are needed and desirable to achieve its regional flood mitigation and floodplain management goals; and
4. recommendations regarding potential, new revenue-raising opportunities, including potential new municipal drainage utilities or regional flood authorities, that could fund the development, operation, and maintenance of floodplain management or flood mitigation activities in the region.

Additional guidance:

These recommendations may address items that benefit and/or can be implemented at the local, regional, or state level. Recommendations, in general, are anticipated to be aimed at supporting flood risk reduction and supporting implementation of the regional flood plans, including exploring innovative ways of funding flood risk reduction activities. Recommendations may include suggested changes to the flood planning process for the TWDB to consider when implementing the next cycle of regional and state flood planning. The RFPGs may make policy recommendations for the legislature to consider.

2.9 Task 9 – Flood infrastructure financing analysis (361.44)

This section is organized in several parts: goals, excerpts from relevant rules and scope of work, followed by additional guidance and submittal requirements.

Goals:

The goal of this task is for RFPGs to indicate how sponsors will propose to finance recommended FMPs, and FMEs.

Information included in rules and scope of work:

RFPGs shall indicate how individual local governments, regional authorities, and other political subdivisions in their region that will sponsor flood risk mitigation efforts propose to finance the region's recommended FMSs, FMPs, and FMEs included in their flood plan. The assessment shall also describe what role that the RFPG proposes for the state in financing recommended FMSs, FMPs, and FMEs. As projects are implemented, those improvements and associated benefits shall be incorporated into and reflected in the subsequent RFPs.

Additional guidance:

This task requires obtaining the relevant information from sponsors of the recommended FMSs, FMPs, and FMEs that have capital costs, for example, in the form of a mailed survey or other means of collecting the required information. This information will provide an indication of potential funding needs, as they are needed over time, to implement the regional flood plans.

Below is a minimum set of information that must be submitted (in a template form that will be provided by TWDB to each region for their use) that can be used for performing the survey and aggregated and submitted to meet this requirement. Results should also include documentation of the effectiveness of survey methodology, percentage of survey completions, and whether an acceptable minimum percent survey completion was achieved.

Table 19: FMS, FMP, FME funding survey template format (with illustrative examples)

RFPG Number	Sponsor Entity Name	FMS or FMP or FME	FMS FMP FME - Name	Regional plan's unique FMS/FMP/FME identification number	Target year of full implementation	Estimated costs in plan			Estimated percent (share) of total FMS, FMP, or FME estimated cost			
						Non-construction costs	Construction-related costs	Total estimated cost	Sponsor Funding		Other Funding Needed (including state, federal and/ or other funding)	TOTAL (auto) sum must = 100%
									ANTICIPATED SOURCE of Sponsor funding (e.g., taxes; general revenue; dedicated revenue incl. fees)	FUNDING TO BE FINANCED BY SPONSOR (including local, county, or regional mechanisms available but not yet fully utilized)		
21	City of Howdy	FMP	Widen main downtown channel	2003	2028	\$3,484,000	\$8,129,000	\$11,613,000	stormwater fees	75%	25%	100%
21	Major River Authority	FMP	Levee improvements	3001	2030	\$37,544,000	\$212,754,000	\$250,298,000	fees	50%	50%	100%
21	James County	FME	Study southeast county flooding along Colorado River to identify solutions	4409	2024	\$722,000	\$0	\$722,000	taxes	50%	50%	100%
21	James County	FMS	Study to develop county-wide floodplain development policy	4409	2024	\$200,000	\$0	\$200,000	taxes	100%	0%	100%

These are minimum reporting requirements however, an RFPG may present more information gathered and/or utilized in the development of their plan. For example, this assessment could also include information about what existing funding mechanisms sponsors already have available or plan to implement to support the funding and implementation of recommended projects in the regional flood plan.