

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

Region 12

05/20/2025

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 Tuesday, May 20, 2025, at 2:00 PM, in-person at the San Antonio River Authority, located at 100 E. Guenther St and virtually at <https://meet.goto.com/623984509>.

**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
4. Communications from the Texas Water Development Board (TWDB)
5. Chair Report
6. Discussion and Appropriate Action Regarding Filling the Existing Vacancy for the Electric Generating Utilities Interest Group
7. Update on Technical Consultant Work and Schedule
  - a. Discussion on Outreach Strategies
8. Public Comments – limit 3 minutes per person
9. Date and Potential Agenda Items for Next Meeting
10. Adjourn

If you wish to provide written comments prior to or after the meeting, please email your comments to [khayes@sariverauthority.org](mailto:khayes@sariverauthority.org) or physically mail them to the attention of Kendall Hayes at San Antonio River Authority, 100 E. Guenther St., San Antonio, TX, 78204 and include “Region 12 San Antonio Regional Flood Planning Group Meeting” in the subject line.

Additional information may be obtained from: Kendall Hayes, (210) 302-3641, [khayes@sariverauthority.org](mailto:khayes@sariverauthority.org), San Antonio River Authority, 100 E. Guenther St., San Antonio, TX, 78204.

**AGENDA ITEM NO.3 – APPROVAL OF THE MINUTES FROM  
THE PREVIOUS SARFPG MEETING**

**Meeting Minutes**  
**San Antonio Regional Flood Planning Group Meeting**  
**Monday, March 17, 2025**  
**2:00 PM**  
**San Antonio River Authority**

**Roll Call:**

<b><u>Voting Member</u></b>	<b><u>Interest Category</u></b>	<b><u>Present (x) /Absent ( ) / Alternate Present (*)</u></b>
Brian Yanta	<i>Agricultural interests</i>	
David Wegmann	<i>Counties</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
Sabrina Santiago	<i>Municipalities</i>	X
Suzanne B. Scott	<i>Nonprofit</i>	X
John Paul Beasley	<i>Public</i>	
Derek Boese	<i>River authorities</i>	X
Jose Reyes	<i>Small Business</i>	X
David Mauk	<i>Water districts</i>	*Hayli Hernandez
Donovan Burton	<i>Water Utilities</i>	

<b><u>Non-voting Member</u></b>	<b><u>Agency</u></b>	<b><u>Present(x)/Absent( )/ Alternate Present (*)</u></b>
Carly Rotzler	Texas Parks and Wildlife Department	
Fernando Perez	Texas Division of Emergency Management	X
Jami McCool	Texas Department of Agriculture	X
Jarod Bowen	Texas State Soil and Water Conservation Board	X
Kris Robles	General Land Office	X
Tressa Olsen	Texas Water Development Board (TWDB)	X
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)**

Mr. Wegmann motioned to approve the minutes. Ms. Scott seconded the motion, motion passed.

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

Ms. Tressa Olsen provided an update from TWDB. TWDB has sent out several recent communications including the new interim deadlines as well as the release of technical floodplain information.

#### **AGENDA ITEM NO.5: CHAIR REPORT**

Chair Boese reported that, as requested by the RFPG in February, the River Authority submitted a letter of support to TWDB for their FY24 FIF Project Prioritization List.

#### **AGENDA ITEM NO.6: DISCUSSION AND APPROPRIATE ACTION TO AUTHORIZE THE PLANNING GROUP SPONSOR TO NEGOTIATE AND EXECUTE AN AMENDMENT TO THE CONTRACT WITH TWDB AND TO EXECUTE AN AMENDMENT TO THE SUBCONTRACT WITH HDR TO EXTEND THE INTERIM SUBMITTAL DEADLINES FOR THE 2028 REGIONAL FLOOD PLAN**

Chair Boese stated that as a result of the recent shift in deliverables, the River Authority requests authorization to amend its contract and subcontract to be consistent with the deadlines.

Ms. Tackett motioned to authorize the Planning Group Sponsor to negotiate and execute an amendment to the contract with TWDB and to execute an amendment to the subcontract with HDR to extend the interim submittal deadlines for the 2028 Regional Flood Plan. Ms. Reid seconded the motion, motion passed.

#### **AGENDA ITEM NO.7: DISCUSSION AND APPROPRIATE ACTION TO ADOPT AN AMENDMENT TO THE 2023 SAN ANTONIO REGIONAL FLOOD PLAN**

Mr. Ron Branyon, HDR, and the technical consultant team provided an overview of the amendment submittal. Mr. Wegmann stated that the Technical Committee reviewed each proposal at length and supports the final package presented in the materials today.

Ms. Scott motioned to adopt an amendment to the 2023 San Antonio Regional Flood Plan and authorize the Technical Consultants to submit the amendment to TWDB as discussed today. Mr. Wegmann seconded the motion, motion passed.

#### **AGENDA ITEM NO.8: UPDATE ON TECHNICAL CONSULTANT WORK AND SCHEDULE**

Mr. Branyon reviewed the 5-year tract's deadlines, requirements for the Technical Memo, and upcoming stakeholder survey to begin outreach.

The RFPG expressed interest in a workshop to discuss and select the FME list to submit to TWDB.

Mr. Branyon advised that soon, the RFPG will need to discuss the minimum criteria standard for sponsor communities. Discussion ensued regarding the merit of standard requirements.

The RFPG reviewed a draft of the stakeholder survey and requested that the technical consultants include the definition of "critical infrastructure" in the survey to assist communities.

#### **AGENDA ITEM NO.9: PUBLIC COMMENT – LIMIT 3 MINUTES PER PERSON**

No public comments.

#### **AGENDA ITEM NO.10: DATE AND POTENTIAL AGENDA ITEMS FOR NEXT MEETING**

The RFPG will meet next on Tuesday, May 20<sup>th</sup> at 2:00 PM. The RFPG requested an update on outreach efforts and a discussion on mid-year public engagement.

#### **AGENDA ITEM NO.11: ADJOURN**

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

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

# 24-25 FIF Updates

- Board approved prioritization list on April 10, 2025
- First round of invitations to apply:
  - FME: Top 10 + 7 Federally funded
  - FMP: Top 2
- No new rounds until funding determination letters sent out (prior to Board approval)

# FME Invitations

Region Number	Prioritization	Applicant	Project Name	Round Invited	Federal Match?
13	1	Nueces River Authority	Nueces Basin Early Flood Warning System	1	No
13	2	Nueces River Authority	Nueces Basin Low Water Crossing Study and Upgrade Prioritization	1	No
13	3	Nueces River Authority	Nueces Basin Scaling Up NBS Study	1	No
13	4	Nueces River Authority	Nueces Basin Floodplain Map Updates	1	No
15	5	Cameron County	Developing a Regional Master Drainage Plan for Cameron and Hidalgo County	1	No
13	6	Nueces River Authority	Nueces Basin High Hazard Dam Identification and Risk Assessment	1	No
14	7	El Paso	Arroyo Debris Prioritization	1	No
6	8	Harris County Flood Control District	SAFER Study	1	No
14	9	El Paso	FMP Development for El Paso Water SWMP	1	No
6	10	League City	Dickinson Bayou Flood Mitigation Plan – Alternative 2	1	No
11	61	Kendall County	Kendall County Drainage Master Plan	1	Yes
10	73	West Brazoria County Drainage District 11	West Brazoria County Drainage District 11 Master Drainage Plan	1	Yes
11	78	Gonzales	City of Gonzales Tinsley Creek Improvement Project Planning	1	Yes
11	78	Gonzales	City of Gonzales Tinsley Creek Flood Mitigation Project Planning	1	Yes
3	95	Chambers County	Hackberry Gully and Cotton Bayou Shelving Study	1	Yes
15	117	Mission	MI13a1 & MI13a2 Spikes & Jupiter	1	Yes
6	160	Taylor Lake Village	Taylor Lake Village Flood Mitigation Assistance 2022 Capability and Capacity Building (C&CB) Project Scoping	1	Yes

# FMP Invitations

Region Number	Prioritization	Applicant	Project Name	Round Invited
3	1	City of Forth Worth	Lebow Channel Flood Mitigation	1
3	2	City of Irving	West Irving Creek Phase B and C	1

# 26-27 FIF Cycle

- FMX in approved 2023 RFP amendments will be eligible
- FIUP release date TBD (winter 25-26)
  - 30-day comment period
- FIUP may change from the 24-25 FIUP
  - Subject to Board approval

# Questions on FIF?

Email: [FIF@TWDB.Texas.gov](mailto:FIF@TWDB.Texas.gov)

**AGENDA ITEM NO.6 – DISCUSSION AND APPROPRIATE ACTION REGARDING FILLING THE EXISTING VACANCY FOR THE ELECTRIC GENERATING UTILITIES INTEREST GROUP**

Includes:

- Received Nomination Form (1)

**FROM: San Antonio Regional Flood Planning Group**

**DATE: March 26, 2025**

**SUBJECT: Solicitation of Nominations to Fill Vacancies of the San Antonio Regional Flood Planning Group Voting Membership**

**NOTICE TO PUBLIC**  
**SAN ANTONIO REGIONAL FLOOD PLANNING GROUP (REGION 12)**

The San Antonio Regional Flood Planning Group (SARFPG), as established by the Texas Water Development Board in accordance with 31 TAC 361, is soliciting nominations to fill a voting member vacancy on the SARFPG in the following interest area: **Electric Generating Utilities.**

Article V. Section 3 of the adopted SARFPG Bylaws states that in order to be eligible for voting membership, a person must be capable of adequately representing the interest for which a member is sought, willing to participate in the regional flood planning process, attend meetings, and abide by the adopted Bylaws.

Nomination forms may be submitted through email to [khayes@sariverauthority.org](mailto:khayes@sariverauthority.org), or by printing the nomination form, completing it, and mailing. A nomination form must be completed and submitted for each nominee to be considered. For specific definitions and eligibility requirements in each of the areas of interest, and to obtain a nomination form, please contact Kendall Hayes (210) 302-3641 or [khayes@sariverauthority.org](mailto:khayes@sariverauthority.org).

The San Antonio Regional Flood Planning Group consists of Bandera, Bexar, Karnes, Goliad, Wilson and parts of Aransas, Atascosa, Calhoun, Comal, De Witt, Guadalupe, Kendall, Kerr, Medina, Refugio, and Victoria Counties.

Nominations must be received by 5:00 PM, Sunday, April 27, 2025, addressed to Derek Boese, Chair, San Antonio Regional Flood Planning Group, c/o San Antonio River Authority, Attn: Kendall Hayes, 100 East Guenther Street, San Antonio, Texas 78204, or emailed to [khayes@sariverauthority.org](mailto:khayes@sariverauthority.org).

**Regional Flood Planning Group Voting Membership**

# SAN ANTONIO REGIONAL FLOOD PLANNING GROUP

## Nomination for Interest Group:

### Electric Generating Utilities

Pursuant to official Bylaws and Guiding Principles adopted by the San Antonio Regional Flood Planning Group (SARFPG), nominators shall provide information regarding the nominee's current employer, and provide a description of the nominee's experience that qualifies him/her for the position in the interest group being sought to represent. Please refer to section 361.11 (e) (*see addendum*) of the Texas Administrative Code for the definitions of the interest categories represented on the SARFPG.

#### NOMINATOR

**NAME:** Juan Sandoval, PG

**ADDRESS:**

**PHONE:** **FAX:** **EMAIL:**

**OCCUPATION** CPS Energy Water Quality and Planning Manager

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#### NOMINEE

**NAME:** Juan Sandoval, PG

**ADDRESS:**

**PHONE:** **FAX:** **EMAIL:**

**INTEREST AREA:** Environmental and water issues

**COUNTY:** Bexar

**OCCUPATION:** CPS Energy Water Quality and Planning Manager

**PLEASE GIVE A BRIEF DESCRIPTION OF THE NOMINEE'S EXPERIENCE THAT WOULD QUALIFY HIM/HER FOR THE POSITION (please use additional pages if needed):**

Juan Sandoval is a Professional Geoscientist licensed in the State of Texas and is the Manager of the Water Quality and Planning Section at CPS Energy. He has over 30 years of diverse Environmental experience to include 19 years at CPS Energy and 12 years with environmental consultants. At CPS Energy, he has supported multiple environmental projects across the organization including routing & siting of new transmission lines and substations, Stormwater Pollution Prevention Plans, Spill Control and Countermeasures Plans, remediations, waste management, spill response, and environmental site assessments.

**PLEASE LIST ANY PERTINENT AFFILIATIONS (please use additional pages if needed):**

Current Director of the Alamo Chapter of the Air and Waste Management Association and has served as vice chair and chair.

**DATE SUBMITTED:** April 02, 2025

***PLEASE ATTACH ADDITIONAL INFORMATION IF DESIRED***

Nominations must be received by **5:00 PM, Sunday, April 27, 2025**, addressed to Derek Boese, Chair, San Antonio RFPG, c/o San Antonio River Authority, Attn: Kendall Hayes, 100 East Guenther St., San Antonio, Texas 78204 or email to [khayes@sariverauthority.org](mailto:khayes@sariverauthority.org)

## **AGENDA ITEM NO.7 – UPDATE ON TECHNICAL CONSULTANT WORK AND SCHEDULE**

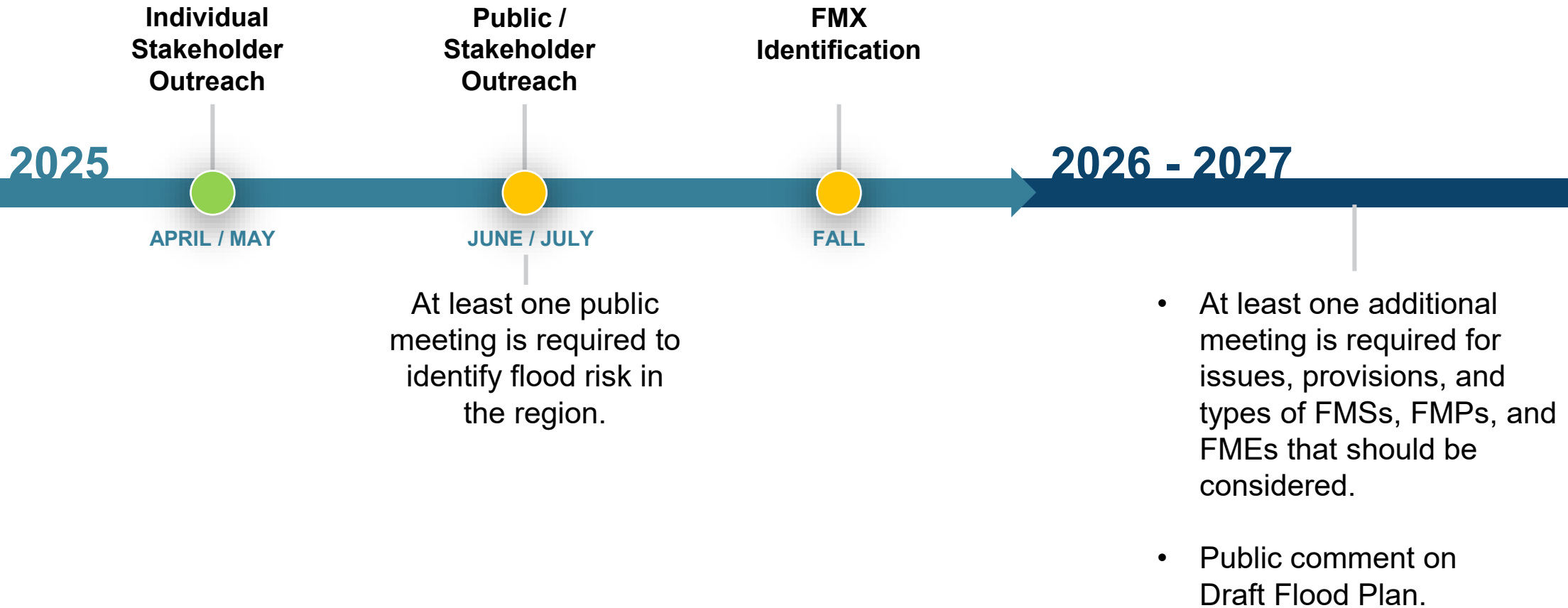
Includes:

- Outreach Presentation
- Goals Spreadsheet

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# Outreach

# OUTREACH Milestones



## OUTREACH

## Last Cycle

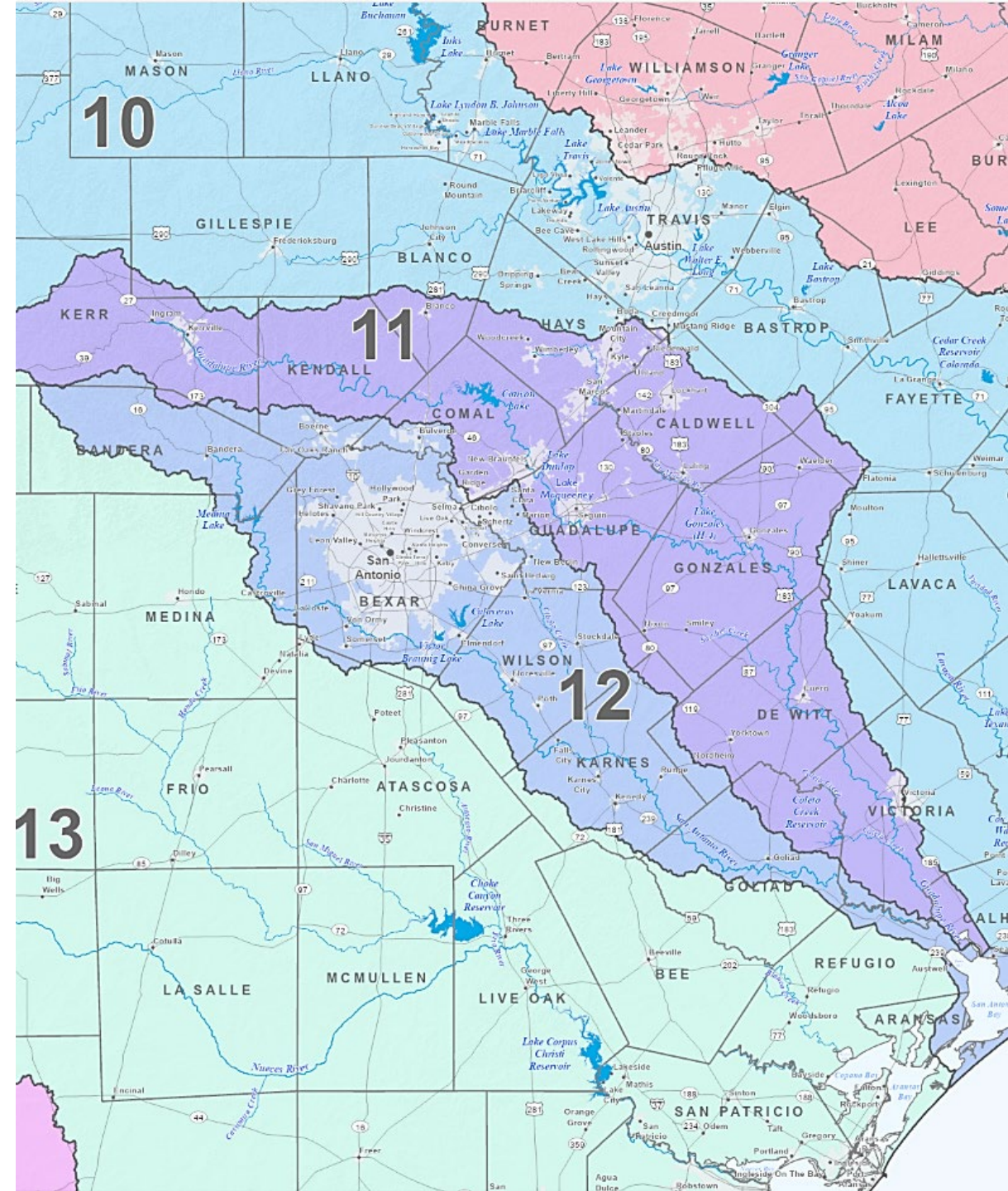
- Responded to Survey **7/65**
- Flood Prone Map **6/65**
- Provided Projects **32/65**

## This Cycle

- Focus on stakeholders
- More coordination with adjacent regions

## Reach out to entities with flood related authority

- Cities, Counties, River Authorities



## OUTREACH Data Collection

### What are we collecting at this point

- Local flood infrastructure
- Completed FMXs
- Flood History
- Flood Maps and Models
- Floodplain management practices and recommendations
- Flood Financing
- Hazard Mitigation & Emergency Planning



# OUTREACH Data Collection



**Initial Contact** - 65/65 Entities  
(email/phone)



**Follow Up Call**



**Setting Up Meetings**

- San Antonio River Authority
- Bandera City, County, River Authority

**Responses Received 11/65**

City of Boerne  
City of Runge  
City of Kenedy  
City of Falls City  
City of Converse  
City of Karnes City  
Bexar County  
Wilson County  
Atascosa County  
Kendall County  
Medina County

# Upcoming This Cycle

# UPCOMING THIS CYCLE

## Schedule



Activity	Planning SOW Task #	2025												2026					
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Existing Condition Flood Risk Analyses	2A																		
Future Condition Flood Risk Analyses	2B																		
Evaluation and Recom. on Floodplain Management Practices	3A																		
Flood Mitigation Need Analysis	3B																		
Flood Mitigation and Floodplain Management Goals	3C																		
Survey - Stakeholder Outreach																			
RFPG/Stakeholder/Public Meeting - Review Flood Hazard																			
Identification and Evaluation of Potential Solutions	4A																		
Preparation and Submission of Tech. Memo. to the TWDB	4B													TWDB Due Jan. 7, 2026 R12 Due Mid-December					
Performance of FMEs	4C																		
Recommendation of FMEs, FMSs, and FMPs	5A																		

## TASK 3A:

# Flood Management Standards

## Floodplain Management Practices

- **Strong** – regulation exceeds NFIP standards with enforcement, or community belongs to the CRS
- **Moderate** – some higher standards (1ft+ freeboard, detention requirements, or fill restrictions)
- **Low** – regulations meet the minimum NFIP standards

## Floodplain Regulation Level of Enforcement

- **High** – enforces ordinance; inspections; issues fines, violations, and Section 1316s; and enforces substantial damage and substantial improvement
- **Moderate** – enforces some ordinance, limited inspections, and is limited fines and violations
- **Low** – provides permitting of development within the floodplain, may not perform inspections, and may not issue fines or violations

## Out of 65 Flood Regulatory Entities:

- 2 not NFIP participants
- 30 have low management practices
- 34 require freeboard at or less than 1ft above BFE
- 2 no freeboard requirements
- 2 have low or no regulation level of enforcement

## TASK 3C: Goals

**Include specific goal statements** that can be achieved and measured in either the short term (10 years) or long term (30 years)

**\* Technical Committee to reevaluate**

### 6 Goal Categories



**Education and  
Outreach**



**Flood Warning  
and Readiness**



**Flood Studies  
and Analysis**



**Flood Prevention**



**Non-Structural  
Flood  
Infrastructure  
Projects**



**Structural Flood  
Infrastructure  
Projects**

Table 11. Regional Flood Plan Flood Mitigation and Floodplain Management Goals

Goal ID	RFPG No.	RFPG Name	Goal	Term of Goal	Target Year	Applicable To	Residual Risk	How will the Goal be Measured	Overarching Goal(s)	Associated Goal IDs
12000001	12	San Antonio	Track and document existing public outreach and education activities that improve awareness of flood hazards and benefits of flood planning, including nature based solutions, in the region and ensure there are at least 6 additional occurrences per year.	Short Term (10 year)	2033	Entire RFPG		Establishing a baseline and ensure a minimum number of occurrences.	Education and Outreach	
12000002	12	San Antonio	Increase to 12 per year and maintain and increase public outreach and education activities to improve awareness of flood hazards and benefits of flood planning including nature based solutions in the region.	Long Term (30 year)	2053	Entire RFPG		Number of activities.	Education and Outreach	
12000003	12	San Antonio	Increase the proficiency of stakeholders and floodplain managers across the region through training from Region 12 entities, TFMA, ASFPM and FEMA and provide certificates of completion. Improve 50% of FPM knowledge of nature based solutions, floodplain preservation, and cost/benefit of traditional structural solutions.	Short Term (10 year)	2033	Entire RFPG		Number of trainings reaching FPMs.	Education and Outreach	
12000004	12	San Antonio	Increase the proficiency of stakeholders and floodplain managers across the region through training from Region 12 entities, TFMA, ASFPM and FEMA and provide certificates of completion. Improve 100% of FPM knowledge of nature based solutions, floodplain preservation, and cost/benefit of traditional structural solutions.	Long Term (30 year)	2053	Entire RFPG		Number of trainings reaching FPMs.	Education and Outreach	
12000005	12	San Antonio	Support the development of a regionally coordinated warning and emergency response program that can detect the flood threat and provide timely warning of impending flood danger to reduce flood deaths and high water rescues across the region.	Short Term (10 year)	2033	Entire RFPG		Increase the number of NFIP communities by 25%.	Flood Warning and Readiness	12000009
12000006	12	San Antonio	Expand the development of a regionally coordinated warning and emergency response program that can detect the flood threat and provide timely warning of impending flood danger to reduce flood deaths and high water rescues across the region.	Long Term (30 year)	2053	Entire RFPG		Increase the number of NFIP communities too 100%.	Flood Warning and Readiness	12000010
12000007	12	San Antonio	Increase the number of flood gauges (rainfall, stream, reservoir, etc.) in the region to provide localized information to emergency responders, and storage and accessibility of data to agencies by 25% of existing or at minimum 10.	Short Term (10 year)	2033	Entire RFPG		Establish a baseline and increase the number of gages by 25% over 2022.	Flood Warning and Readiness	12000009
12000008	12	San Antonio	Increase the number of flood gauges (rainfall, stream, reservoir, etc.) in the region to provide localized information to emergency responders, and storage and accessibility of data to agencies by 50% of existing.	Long Term (30 year)	2053	Entire RFPG		Increase the number of gages by 50% over 2022.	Flood Warning and Readiness	12000010
12000009	12	San Antonio	Increase the number of entities that communicate real time flood warnings to the public. Leverage mobile phone navigation apps to provide real time rerouting for the public.	Short Term (10 year)	2033	Entire RFPG		Increase by 40% of the NFIP communities.	Flood Warning and Readiness	12000007
12000010	12	San Antonio	Increase the number of entities that communicate real time flood warnings to the public. Leverage mobile phone navigation apps to provide real time rerouting for the public.	Long Term (30 year)	2053	Entire RFPG		Increase to 100% of the NFIP communities.	Flood Warning and Readiness	12000008

**Table 11. Regional Flood Plan Flood Mitigation and Floodplain Management Goals**

Goal ID	RFPG No.	RFPG Name	Goal	Term of Goal	Target Year	Applicable To	Residual Risk	How will the Goal be Measured	Overarching Goal(s)	Associated Goal IDs
12000011	12	San Antonio	Establish a baseline and increase the number of NFIP communities which utilize Atlas 14 (Volume 11) or best available data from NOAA revised rainfall data as part of revisions to design criteria and flood prevention regulations by 50% percent. (region specific)	Short Term (10 year)	2033	Entire RFPG		Percentage of entities in the region.	Flood Studies and Analysis	
12000012	12	San Antonio	Increase the number of NFIP communities which utilize/adopt Atlas 14 (Volume 11) or best available data from NOAA revised rainfall data as part of revisions to design criteria and flood prevention regulations by 100%. (region specific)	Long Term (30 year)	2053	Entire RFPG		Percentage of entities in the region.	Flood Studies and Analysis	
12000013	12	San Antonio	Decrease the number of Zone X by 30% and increase the number of entities that conduct detailed studies to update their local flood risk by 25%.	Short Term (10 year)	2033	Entire RFPG		Percentage of entities in the region.	Flood Studies and Analysis	
12000014	12	San Antonio	Increase the number of entities that conduct detailed studies to update their local flood risk to 100%.	Long Term (30 year)	2053	Entire RFPG		Percentage of entities in the region.	Flood Studies and Analysis	
12000015	12	San Antonio	Decrease the average age of FEMA Flood Insurance Rate Maps (NFHL/FIRMs/FIS) to less than 10 years.	Short Term (10 year)	2033	Entire RFPG		100% of maps.	Flood Studies and Analysis	
12000016	12	San Antonio	Establish a baseline number of existing studies and process for analyzing watersheds to identify existing Natural Flood Mitigation Features (NFMF) such as headwaters, buffers, and conservation easements.	Short Term (10 year)	2033	Entire RFPG		Establishing a baseline/ process and increasing the number of entities that use the process.	Flood Studies and Analysis	
12000017	12	San Antonio	Increase the number of participating Community Rating System (CRS) entities in the FPR by 5.	Short Term (10 year)	2033	Entire RFPG		Number of entities in the region.	Flood Prevention	12000018
12000018	12	San Antonio	Increase the number of participating entities within Community Rating System (CRS) in the FPR by 100% or improve their rating.	Long Term (30 year)	2053	Entire RFPG		Percentage of entities in the region.	Flood Prevention	12000017
12000019	12	San Antonio	Increase the number of entities which regulate to the 1% annual chance future conditions floodplains as part of new development and redevelopment by 10%.	Short Term (10 year)	2033	Entire RFPG		Percentage of entities in the region.	Flood Prevention	
12000020	12	San Antonio	Increase the number of entities which regulate to the 1% annual chance future conditions floodplains as part of new development and redevelopment by 50%.	Long Term (30 year)	2053	Entire RFPG		Percentage of entities in the region.	Flood Prevention	

**Table 11. Regional Flood Plan Flood Mitigation and Floodplain Management Goals**

Goal ID	RFPG No.	RFPG Name	Goal	Term of Goal	Target Year	Applicable To	Residual Risk	How will the Goal be Measured	Overarching Goal(s)	Associated Goal IDs
12000021	12	San Antonio	Increase the number of entities above the established baseline that have adopted a holistic watershed approach using existing Natural Flood Mitigation Features (NFMF) such as headwaters, buffers, and conservation easements for flood risk reduction as a basis for comprehensive subdivision regulations.	Short Term (10 year)	2033	Entire RFPG		Number of entities in the region.	Flood Prevention	12000016
12000022	12	San Antonio	Establish a baseline and increase the number of acres of publicly protected open space by 10 % as part of land conservation and acquisitions to reduce future impacts of flooding.	Short Term (10 year)	2033	Entire RFPG		Establish a baseline and increase the number of protected acres.	Non-Structural Flood Infrastructure Projects	12000016
12000023	12	San Antonio	Increase the number of restored acres of publicly protected open space land in the region.	Long Term (30 year)	2053	Entire RFPG		Number of restored acres.	Non-Structural Flood Infrastructure Projects	12000016
12000024	12	San Antonio	Reduce the number of NFIP repetitive-loss properties in the FPR by 25%.	Short Term (10 year)	2033	Entire RFPG		Percentage of entities in the region.	Non-Structural Flood Infrastructure Projects	
12000025	12	San Antonio	Reduce the number of NFIP repetitive-loss properties in the FPR by 75%.	Long Term (30 year)	2053	Entire RFPG		Percentage of entities in the region.	Non-Structural Flood Infrastructure Projects	
12000026	12	San Antonio	Reduce the number of existing (2022) residential properties in the future 1% annual chance floodplain by 10%.	Short Term (10 year)	2033	Entire RFPG		Number of residential properties.	Structural and Non-structural Flood Infrastructure Projects	
12000027	12	San Antonio	Reduce the number of existing (2022) residential properties in the future 1% annual chance floodplain by 50%.	Long Term (30 year)	2053	Entire RFPG		Number of residential properties.	Structural and Non-structural Flood Infrastructure Projects	
12000028	12	San Antonio	Reduce the number of vulnerable critical facilities located within the existing and future 1% annual chance (100-year) floodplain by 50%.	Short Term (10 year)	2033	Entire RFPG		Number of vulnerable critical facilities.	Structural Flood Infrastructure Projects	
12000029	12	San Antonio	Reduce the number of vulnerable critical facilities located within the existing and future 1% annual chance (100-year) floodplain by 100%.	Long Term (30 year)	2053	Entire RFPG		Number of vulnerable critical facilities.	Structural Flood Infrastructure Projects	

**Table 11. Regional Flood Plan Flood Mitigation and Floodplain Management Goals**

Goal ID	RFPG No.	RFPG Name	Goal	Term of Goal	Target Year	Applicable To	Residual Risk	How will the Goal be Measured	Overarching Goal(s)	Associated Goal IDs
12000030	12	San Antonio	Identify the eligible top 50 vulnerable roadway segments and low water crossings located within the existing and future 1% annual chance (100-year) floodplain.	Short Term (10 year)	2033	Entire RFPG		Number of entities in the region.	Structural Flood Infrastructure Projects	
12000031	12	San Antonio	Eliminate or mitigate the eligible top 50 vulnerable roadway segments and low water crossings located within the existing and future 1% annual chance (100-year) floodplain.	Long Term (30 year)	2053	Entire RFPG		Number of entities in the region.	Structural Flood Infrastructure Projects	
12000032	12	San Antonio	Increase the number of structural projects by 10% that include a NBS or Green Infrastructure (GI) component.	Short Term (10 year)	2033	Entire RFPG		Number of structural projects with NBS component.	Structural Flood Infrastructure Projects	
12000033	12	San Antonio	Increase the number of structural projects by 50% that include a NBS or Green Infrastructure (GI) component.	Long Term (30 year)	2053	Entire RFPG		Number of structural projects with NBS components.	Structural Flood Infrastructure Projects	