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

Region 12 San Antonio RFPG 04/20/2021 9:00 AM

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, April 20, 2020, at 9:00 PM virtually on GotoMeeting at https://global.gotomeeting.com/join/602905293. You may also dial into the meeting on your phone at +1 (408) 650-3123, access code: 602-905-293.

Agenda:

- 1. (9:00 AM) Roll-Call
- 2. Public comments limit 3 minutes per person
- 3. Approval of the Minutes from the November 2, 2021 San Antonio Regional Flood Planning Group Meeting (Region 12)
- 4. Approval of the Minutes from the February 9, 2021 San Antonio Regional Flood Planning Group Meeting (Region 12)
- 5. Communications from the Texas Water Development Board (TWDB)
- 6. Chair Report
- 7. Pre-Planning Public Input: The SARFPG is soliciting public input regarding suggestions and recommendations as to issues, provisions, projects, and strategies that should be considered during the flood planning cycle and/or input on development of the regional flood plan (as required per Texas Water Code §16.062(d) and 31 Texas Administrative Code §361.12(a)(4))
- 8. San Antonio River Authority Presentation of Available Flood Data
- 9. Discussion and Appropriate Action Regarding Vacant Agriculture Interests Representation
- 10. Regional Liaison Updates
- 11. Public comments limit 3 minutes per person
- 12. Potential Date and Agenda Items for Next Meeting
- 13. Adjourn

If you wish to provide written comments prior to or after the meeting, please email your comments to cheller@sariverauthority.org or physically mail them to the attention of Caitlin Heller at San Antonio River Authority, 100 E. Guenther, San Antonio, TX, 78204 and include "Region 12 San Antonio Flood Planning Group Meeting" in the subject line of the email.

If you wish to provide oral public comments at the meeting, please indicate so in the virtual sign in forms at the designated meeting. In the future when in person meetings are once again feasible comment cards will be provided for interested parties to indicate they would like to speak at the meeting.

Additional information may be obtained from: Caitlin Heller, (210) 302-3293, cheller@sariverauthority.org, San Antonio River Authority, 100 E. Guenther, San Antonio, TX. 78204.

2. Public Comments

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3. Approval of the Minutes from the November 2, 2021 San Antonio Regional Flood Planning Group Meeting (Region 12)

Meeting Minutes

Region 12 San Antonio Flood Planning Group Meeting Monday, November 2, 2020

1:00 PM

GoToWebinar Virtual Meeting

Roll Call:

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

Non-voting Member	Agency	Present(x)/Absent()/
		Alternate Present (*)
Marty Kelly	Texas Parks and Wildlife Department	х
Natalie Johnson	Texas Division of Emergency Management	x
Jami McCool	Texas Department of Agriculture	x
Jarod Bowen	Texas State Soil and Water Conservation	х
	Board	
Kris Robles	General Land Office	х
Richard Bagans	Texas Water Development Board (TWDB)	х
Susan Jablonski	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 12:7

Other Meeting Attendees: **

James Bronikowski, TWDB (Meeting Facilitator)Hayley Gillespie, TWDBBrooke Paup, TWDB Board MemberAnna Gonzalez, TWDBReem Zoun, TWDBElizabeth McCoy, TWDBMatt Nelson, TWDBPatrick Lopez, TWDBMorgan White, TWDBDiamond AyalaAnnette Mass, TWDBChad Ballard

James Beach Ty Berry Ron Branyon Melissa Bryant Susan Butler Kenneth Carper Jim Carrillo Stephanie Castillo Adam Conner Troy Dorman Lauren Gonzalez Steve Graham Yasmin Gutierrez Tina Hendon Jeanette Hernandez

Christian Lentz Hillary Lilly Josh Logan Brian Mast Justin Murray Tami Norton Hayli Phillips Art Reinhardt Jay Scanlon Jean Schlitzkus Levi Sparks Aarin Teague David Villarreal

Christine Westerman

Amin Kiaghadi

Justin Lennon

All meeting materials are available for the public at:

http://www.twdb.texas.gov/flood/planning/regions/schedule.asp.

^{**}Meeting attendee names were gathered from those who entered information for joining the GoToWebinar meeting.

1. AGENDA ITEM NO. 1: Call to Order

James Bronikowski called the meeting to order at 1:03PM. A roll call of the planning group members was taken to record attendance and a quorum was established prior to calling the meeting to order.

2. AGENDA ITEM NO. 2: Welcome, Meeting Facilitation Information and Instructions

James Bronikowski and TWDB Director Brooke Paup welcomed members to the meeting. James

Bronikowski provided meeting facilitation information and instructions.

3. AGENDA ITEM NO. 3: Member Introductions

Each present voting and non-voting member of the Region 12 San Antonio RFPG introduced themselves.

4. AGENDA ITEM NO. 4: Regional Flood Planning Overview Presentation

James Bronikowski and Reem Zoun presented an overview of the regional flood planning process.

5. AGENDA ITEM NO. 5: Discussion of group bylaws and consider adopting group bylaws James Bronikowski presented the model bylaws provided by the TWDB for the RFPG to consider adopting and opened discussion on adopting group bylaws.

The members discussed and made edits to the model bylaws regarding the following topics: amending the bylaws, Secretary duties, and the selection of regular officers starting in 2022.

The members discussed responsibilities of the planning group sponsor. No changes were made regarding this topic.

A motion was made by Suzanne Scott to adopt the bylaws as amended.

The motion was seconded by Nefi Garza.

The vote to adopt the group bylaws passed by a vote of 8 Ayes and 0 Nays.

6. AGENDA ITEM NO. 6: Consider nominating and electing regional flood planning group Chair or Interim Chair

James Bronikowski described the Chair/Interim Chair election process and opened the floor to nominations for the Chair or Interim Chair position.

A nomination of Nefi Garza as the Chair was made by David Wegmann.

Nefi Garza discussed his willingness to serve as Chair and his passion for working in the flood industry.

The nomination of Nefi Garza as the Chair was approved by unanimous consent.

The group then took a 5-minute recess.

7. AGENDA ITEM NO. 7: Consider selecting a planning group sponsor to act on behalf of the regional flood planning group

James Bronikowski opened the floor to public comments.

Bryan Mast representing the San Antonio River Authority reaffirmed their interest in being the planning group sponsor.

James Bronikowski listed the entities that had expressed interest in serving as the Region 12 San Antonio RFPG's planning group sponsor. These interested entities included:

CPS Energy

San Antonio River Authority

James Bronikowski asked if any there was anyone in the audience that represented a political subdivision that was interested in acting as the planning group sponsor. No additional interested entities came forward to express interest.

James Bronikowski opened discussion on selecting a planning group sponsor to act on behalf of the RFPG and clarified the roles and responsibilities of the planning group sponsor.

Members discussed selecting a planning group sponsor.

A motion was made by David Mauk to select San Antonio River Authority as the designated planning group sponsor for Region 12 San Antonio RFPG.

Cara Tackett seconded the motion.

The vote to select San Antonio River Authority as the planning group sponsor to act on behalf of the RFPG passed by unanimous consent.

8. AGENDA ITEM NO. 8: Consider additional, region-specific public notice requirements, if any, that might be necessary to ensure adequate public notice in the region per 31 Texas Administrative Code §361.12(3)

James Bronikowski opened the floor to public comments. No public comments were given.

James Bronikowski described existing notice requirements and opened discussion on identifying additional, region-specific public notice requirements.

No points nor comments/concerns were brought forth during open discussion.

No action was taken. James Bronikowski closed discussion on AGENDA ITEM NO. 8.

9. AGENDA ITEM NO. 9: Consider authorizing the RFPG sponsor to apply for grant funds and enter into a contract with the TWDB on behalf of the RFPG

James Bronikowski opened discussion on authorizing the RFPG sponsor to apply for grant funds and to enter into a contract with the TWDB on behalf of the RFPG.

No points nor comments/concerns were brought forth during open discussion.

A motion was made by Suzanne Scott to authorize the RFPG sponsor to apply for grant funds and enter into a contract with the TWDB on behalf of the RFPG.

The motion was seconded by David Mauk.

The vote to authorize the RFPG sponsor to apply for grant funds and enter into a contract with the TWDB on behalf of the RFPG passed by unanimous consent.

10. AGENDA ITEM NO. 10: Discussion of necessary additional voting and non-voting positions that may be needed to ensure adequate representation from the interest in the region

James Bronikowski opened the floor to public comments. No public comments were given.

James Bronikowski opened discussion additional voting and non-voting positions that may be needed to ensure adequate representation from the interest in the region.

Members discussed adding voting and non-voting positions, including having adequate representation of upstream and downstream counties and the impacts of adding voting versus non-voting positions.

No action was taken. James Bronikowski closed discussion on AGENDA ITEM NO. 10.

11. AGENDA ITEM NO. 11: Consider initiating RFPG solicitation process for individuals to fill vacant required voting member positions

James Bronikowski opened the floor to public comments. No public comments were given.

James Bronikowski opened the floor to discussion on initiating RFPG solicitation processes for individuals to fill the vacant required voting member position. The current vacant, required voting position for Region 12 San Antonio RFPG is:

Currently Vacant: Agricultural Interests

Suzanne Scott made a motion to initiate the solicitation process for individuals to fill the vacant required voting member position.

The motion was seconded by Cara Tackett.

The vote to initiate the RFPG solicitation process for the vacant position passed by unanimous consent.

12. AGENDA ITEM NO. 12: Receive general public comments (Public comments limited to 3 minutes per speaker)

James Bronikowski opened the floor to public comments.

Diamond Ayala emailed her comments before the meeting and were read aloud.

13. AGENDA ITEM NO. 13: Consider date and agenda items for next meeting

James Bronikowski opened discussion to consider the date and agenda items for the next meeting. After discussion, Nefi Garza stated that the next meeting will be on November 16, 2020 at 1PM. Potential agenda items include selecting remaining officers and members of the executive committee, status update on data for the region, presentation on the Bexar Regional Watershed Management Group collaboration, and a presentation on the San Antonio River Authority master plan.

14. Adjourn

David Wegmann made a motion to adjourn the meeting.

The motion was seconded by Suzanne Scott.

The meeting adjourned at 3:38PM by James Bronikowski.

Approved by the Region 12 San Antonio RFPG at a meeting held on November 16, 2020.

4. Approval of the Minutes from the February 9, 202 Planning Group Meeting (Region 12)	21 San Antonio Regional Flood

Meeting Minutes Region 12 San Antonio Flood Planning Group Meeting Tuesday, February 9, 2020 1:00 PM

GoToMeeting Virtual Meeting

Roll Call:

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

Non-voting Member	Agency	Present(x)/Absent()/
		Alternate Present (*)
Marty Kelly	Texas Parks and Wildlife Department	X
Natalie Johnson	Texas Division of Emergency Management	
Jami McCool	Texas Department of Agriculture	
Jarod Bowen	Texas State Soil and Water Conservation	
	Board	
Kris Robles	General Land Office	X
Richard Bagans	Texas Water Development Board (TWDB)	X
Susan Jablonski	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 12: 7

AGENDA ITEM NO.1: ROLL CALL

Caitlin Heller, San Antonio River Authority, called the role and confirmed a quorum.

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

No public comment.

AGENDA ITEM NO.3: APPROVAL OF THE MINUTES FROM THE DECEMBER 1, 2020 SAN ANTONIO REGIONAL FLOOD PLANNING GROUP MEETING (REGION 12)

Chair Garza proposed to move the approval of the meeting minutes to next meeting due to administrative issues.

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

Mr. Bagans thanked planning group members for their participation in Region 12 and introduced Anita to the group as she will be the Region 12 point of contact.

Mr. Bagans gave an update on the Regional Flood Planning Grant application and stated they are in the process of reviewing the applications and hope to get them under contract before March 31st. Mr. Bagans stated the sponsors can hosting request for qualification for a technical Consultant so that subcontracts can be executed after the grant contract is executed.

Mr. Bagans informed the group that the Region 12 website is live and agenda can be posted on it.

Mr. Bagans gave an update that the guidance document is forthcoming in the next couple of weeks and will be post for public comment.

AGENDA ITEM NO.5: CHAIR REPORT

Chair Garza an overview of the schedule and deadlines to keep things moving forward.

AGENDA ITEM NO.6: SAN ANTONIO RIVER AUTHORITY PRESENTATION OF AVAILABLE FLOOD DATA

Chair Garza asked to post-pone the presentation to the next meeting as the presenter was unavailable.

AGENDA ITEM NO.7: DISCUSSION AND APPROPRIATE ACTION REGARDING VACANT AGRICULTURE INTERESTS REPRESENTATION

Mr. Wegmann gave an update on the discussion the executive committee had on the candidate that was nominated and reopening the position and the recommendation from the executive committee was to reopen the position.

Chair Garza clarified that the executive committees recommendation was to reopen the position and that would require a vote. Mr. Wegmann moved to approve the recommendation and Mr. Beasley second the motion. The vote was passed unanimously.

AGENDA ITEM NO.8: DISCUSSION REGARDING THE NOMINATION OF REGION 12 REGIONAL LIAISONS

Ms. Heller informed the group that the Texas Water Development Board requires that regional flood planning groups designate a voting or nonvoting of their flood planning group to serve as a liaison with an upstream or downstream region that serves on a coastal region. The group has Region 10, 11, and 13 and the role and responsibilities would be to simply attend the meeting od your adjacent region and learn the information and share it with your region. The nominations are Ms. Tackett for Region 10, Ms. Scott for Region 11, and Mr. Mauk for Region 13.

Mr. Wegmann moved to approve the nominations and Mr. Clouse second the motion. The vote was passed unanimously.

AGENDA ITEM NO.9: UPDATE ON APPLICATION FOR REGIONAL FLOOD PLANNING GRANT FUNDS

Ms. Heller gave an update on the Application for Flood Planning Grant Funds. The Application was submitted by the San Antonio River Authority and it has been accepted by the Texas Water Development Board. The RFQ has been sent to the Chair for final approval and then it will be out on notice.

AGENDA ITEM NO.10: PUBLIC COMMENT – LIMIT 3 MINUTES PER PERSON

No public comment.

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

Ms. Heller informed the group that the next meeting is April 20, 2021 at 9:00am and this has not been determined if this will in-person or virtual as it will depend on Governor Abbott's open meeting act.

Ms. Scott mentioned that the timeline for the RFQ posting would impact the schedule. Ms. Heller said she will send out a doodle poll with date that fit into the notice schedule timeline.

Ms. Heller informed the group that we are required to have pre-planning meeting per the Texas Water code. She will create an example agenda and potential date and present them at the next Group meeting. Mr. Bagans informed the group that these meeting can wait till there is a technical consultant on board, there is no defined schedule of when to have these meeting. Chair Garza suggested that the pre-planning meeting be an agenda item during the standard Planning meeting due to scheduling.

AGENDA ITEM NO.12: ADJOURN

Non-Agenda items:

1-Chair Garza discussed the website and posting information on the website. He asked the group to please share the website with the public. Ms. Tackett asked if there will be a link on the River Authority website that will take the public to the planning group site. It was discussed that if can be put on the River Authority, City and County main page.

Ms. Scott said that we could create a email list that we can sent information out to as its being posted on the website to be proactive

2-Chair Garza ask about the status on the RFQ and where we are at with the process. Mr. Mast gave an update on the RFQ as we are in cooperating comments from the executive committee and Chair Garza. It is the intent to have the RFQ posted 30 days and then get the responses to the executive committee in order to make a recommendation to the full group.

5. Communications from the Texas Water Development Board (TWDB)

6. Chair Report

7. Pre-Planning Public Input: The SARFPG is soliciting public input regarding suggestions and recommendations as to issues, provisions, projects, and strategies that should be considered during the flood planning cycle and/or input on development of the regional flood plan (as required per Texas Water Code §16.062(d) and 31 Texas Administrative Code §361.12(a)(4))

Regional Flood Planning Pre-Planning Public Meeting Requirements

@twdb

www.twdb.texas.gov

Pre-Planning Meeting Background

- Provide background on formation of RFPGs and the Regional Flood Planning process.
- Gather suggestions and recommendations as to issues, provisions, projects, and strategies that should be considered in development of regional flood plan.



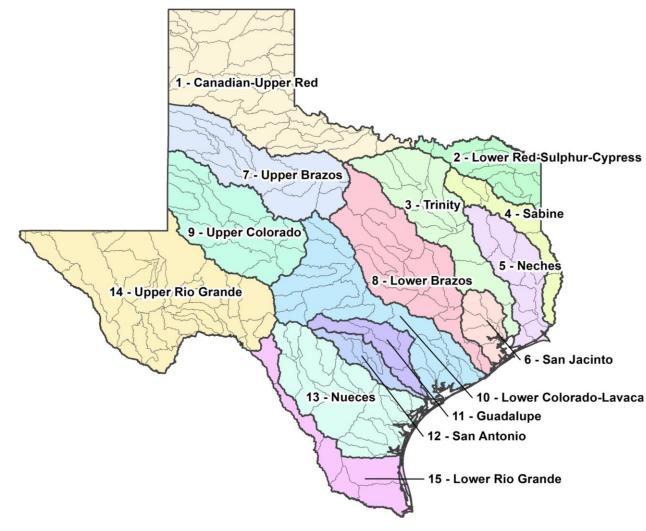
TWDB flood outreach meeting in Bastrop, TX.

Image: TWDB



About Regional Flood Planning

- First-of-its-kind statewide flood plan
- Watershed-based planning regions
- Bottom-up approach to flood planning
- Transparent process with public input
- Volunteer members representing interest categories

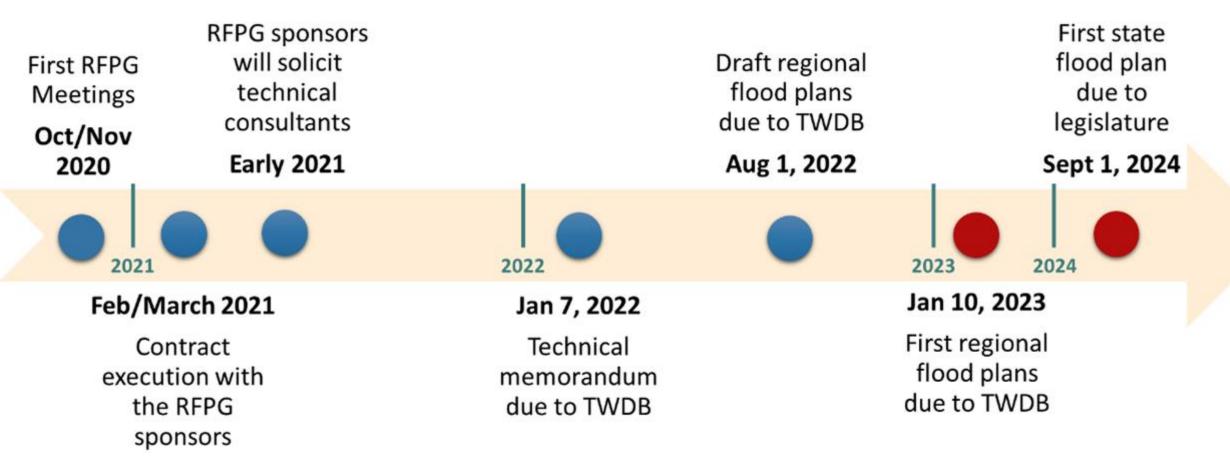


Find your RFPG Information, Meeting Schedules & Important Documents here: https://www.twdb.texas.gov/flood/planning/index.asp



Flood Planning Timeline

SB 8 passed in 2019 requiring a statewide flood plan based on regional flood plans



@twdb



Key Tasks of the RFPGs

- Gather & analyze data
- Identify existing and future flood risks
- Evaluate floodplain management practices
- Recommend evaluations, strategies, and projects to reduce flood risks
- Develop a regional flood plan



The 1% annual chance floodplain is shown in blue. The 0.2% annual chance floodplain is shown in orange. Image by FEMA

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.



Mangroves on the Texas Coast stabilize shorelines and help absorb storm surge; an example of a non-structural flood mitigation solution.

Photo by Univ. Of Texas Marine Science Institute



Galveston Seawall, a structural flood mitigation solution.

Image by Yinan Chen CC-PD

Additional Opportunities for Public Input

There will be many opportunities public involvement:

- public comments are received at every RFPG meeting
- there will be at least one meeting for the public to comment on a flood risk summary map to identify any flood risk not captured
- there will be at least two public pre-planning meetings to receive feedback and gather general suggestions
- the public will get to comment on the draft regional flood plan, once developed



TWDB flood outreach meeting in Bastrop, TX.

Image: TWDB

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@twdb

www.twdb.texas.gov



Image: Brent Hanson, U.S. Geological Survey. Public domain.

Questions? Comments?

@twdb

. San Antonio River Authority Presentation of Available Flood Data	



Region 12 FPG: Available Models

April 20, 2021



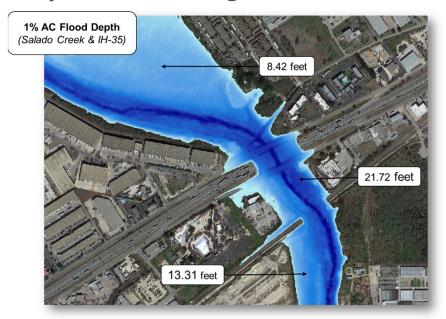
Hydrologic and Hydraulic Study Types

- Base Level Engineering
 - Regression equations or rain-on-grid for flows
 - No structure data
- Detailed or Limited Detail Studies
 - Gauge analysis or rainfall-runoff model for flows
 - Structure surveys, field measurements, or as-builts
- Predictive Flood Model
 - Gauge-adjusted radar rainfall
 - Structure rating curves



Flood Risk Data

Depth of Flooding



Percent Chance of Flooding





Floodplain Mapping Studies Status



Medina Watershed

Legend

Study Level of Detail

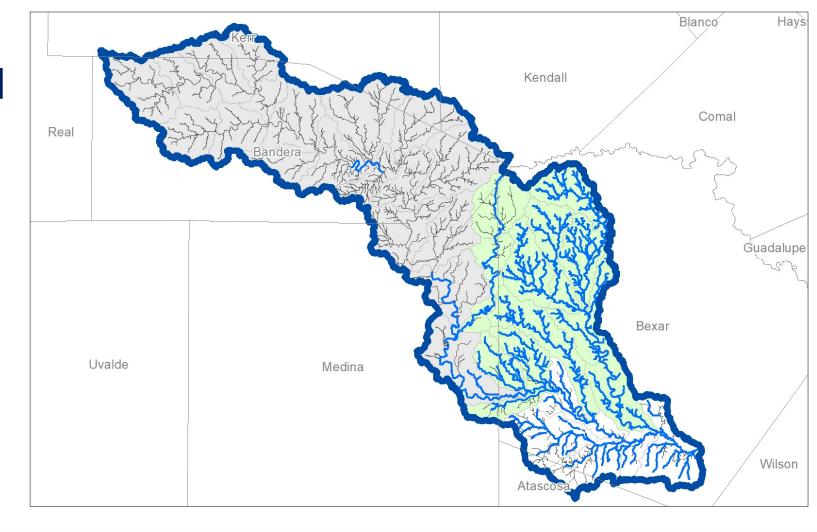
Detailed/Limited Detail

----- Base Level Engineering

HUC12-Study Areas

Complete

Draft to FEMA Fall 2021





Cibolo Watershed

Legend

Study Level of Detail

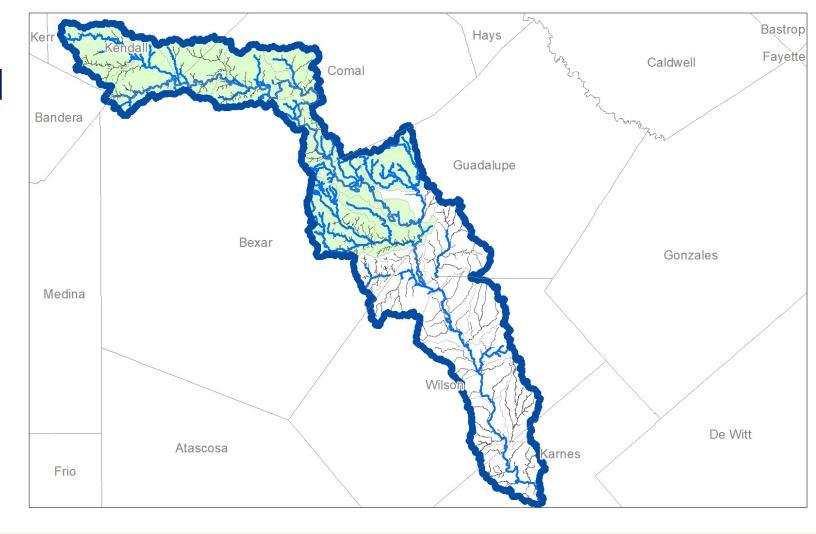
Detailed/Limited Detail

Base Level Engineering

HUC12-Study Areas

Complete

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Upper SA Watershed

Legend

Study Level of Detail

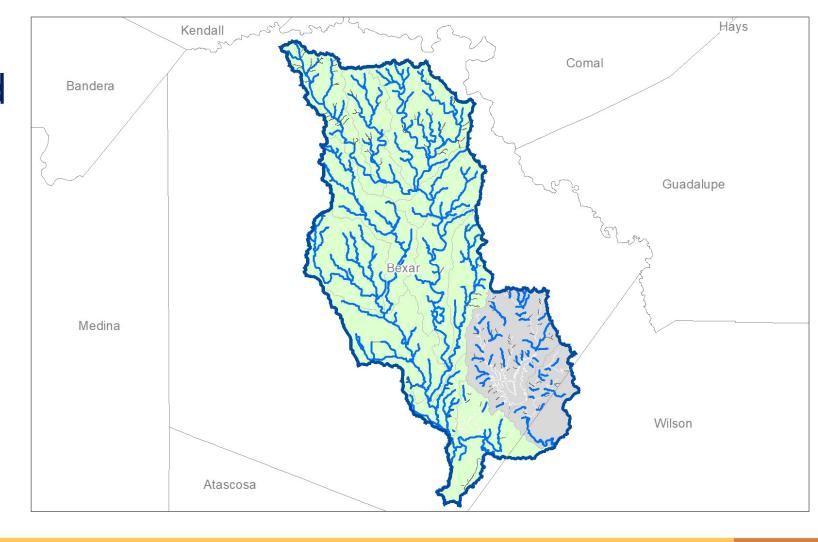
Detailed/Limited Detail

----- Base Level Engineering

HUC12-Study Areas

Complete

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Lower SA Watershed

Legend

Study Level of Detail

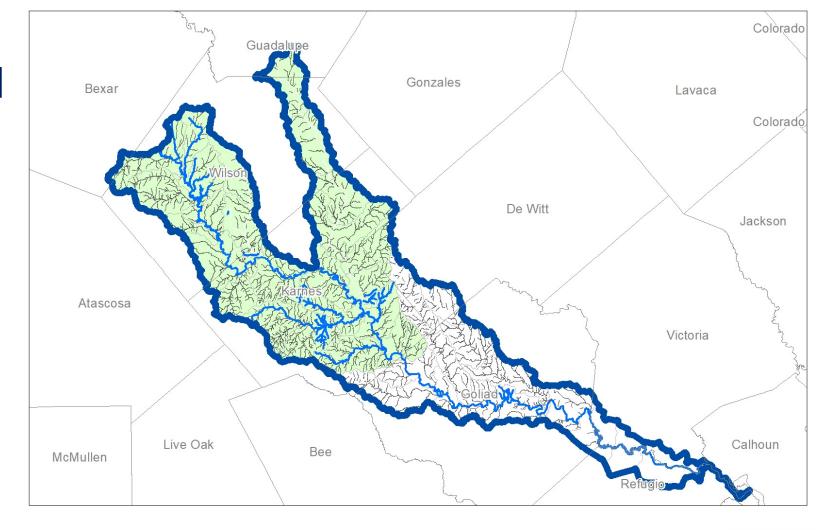
Detailed/Limited Detail

----- Base Level Engineering

HUC12-Study Areas

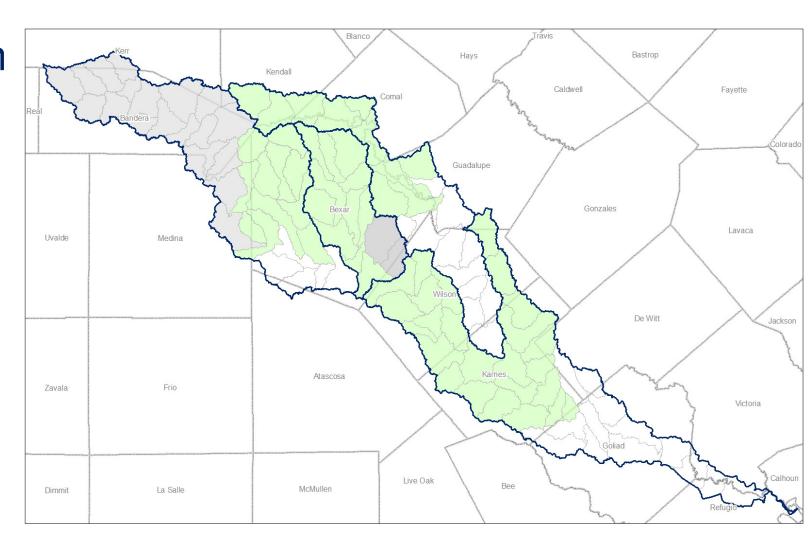
Complete

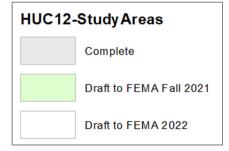
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River Basin Summary





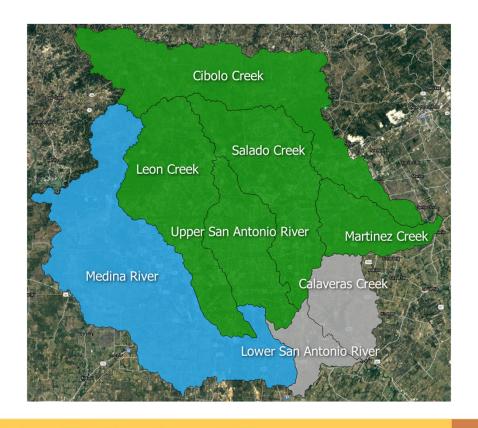


Predictive Flood Model Status



Predictive Flood Model Progress

- Green = operational
- Blue = being validated
- Grey = close to completion
- Fully operational by end of June 2021

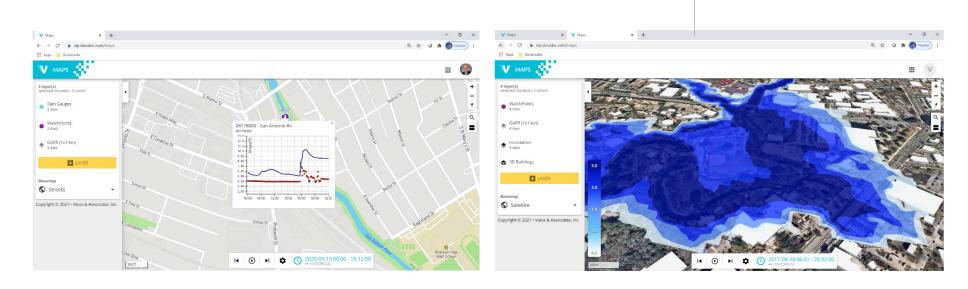




Predictive Flood Model Output

Gauge Data and Model Results

Inundation Mapping





Beyond Models



Watershed Master Plan Viewer

The San Antonio River Authority has been working with partner agencies since 2009 to complete Watershed Plans

Watershed Water

San Antonio

Upper San Antonio

San Marcos

Lower San Antonio

Master Plans for the <u>Upper San Antonio River</u>, <u>Leon Creek</u>, <u>Salado Creek</u>, <u>Medina River</u>, <u>Lower San Antonio River</u>, and Cibolo Creek watersheds.

The Master Plans have two primary objectives:

 Identify needs and opportunities related to flood risk, water quality issues, low impact development, stream restoration, nature based park planning, mitigation banking, and conservation easements.

 Develop and assess proposed projects to address the identified needs and preserve identified opportunities.

The Watershed Master Plan Viewer displays data produced in the various Master Plan reports, as well as other useful reference data. It is intended to be used as a visualization tool to assist the public, stakeholders, and decision-makers in understanding both watershed issues and potential solutions. If you would like to explore our data and add it to your own maps, visit the River Authority's Open Data Portal.

There are several useful tools, or "widgets," available within the Viewer:



Layer List: Toggle (turn on/off) data layers



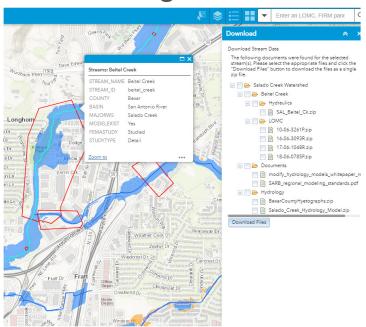
Basemap Gallery: Choose your basemap





Sharing the Data

d2mr.sara-tx.org



Risk MAP and Floodplain Viewers





Questions?



9. Discussion and Appropriate Action Regarding Vacant Agriculture Interests Representation

10. Regional Liaison Updates

11. Public Comments

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12. Potential Date and Agenda Items for Next Meeting