

GBRA

Guadalupe-Blanco River Authority

Your Trusted
Water Resource

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Region 11: Guadalupe Regional Flood Planning Executive Meeting

Tuesday, May 12, 2026
9:30am

Agenda

1. Attendance
2. Welcome
3. Meeting Minute Approval
4. RFPG Chair Updates
5. TWDB Updates
6. Region 10 & 12 Updates
7. GBRA Updates
8. Discussion regarding administrative expenses to be submitted to the TWDB for reimbursement & **Potential Actions**
9. TC Presentation & **Potential Actions**
10. Future Meeting Dates
11. Date and Agenda Items for July
12. Public Comments
13. Adjourn

Call to Order / Roll Call

- Individuals attending in-person, **please sign-in**

Agenda Item 1

Welcome

Agenda Item 2

Approval of Meeting Minutes

- Approval of minutes from the March 10, 2026 RFPG meeting

Agenda Item 3

Meeting Minutes – March 10, 2026
Region 11 Guadalupe Regional Flood Planning Group Meeting
GBRA River Annex at 9:00 AM
GBRA River Annex (905 Nolan Street, Seguin, Texas)

Roll Call:

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (x) / Absent () / Alternate Present (*)</u>
Don Durden	<i>Agricultural</i>	X
John Johnston Billy Jordan*	<i>Counties – Chair</i>	X
Doug Leacock	<i>Counties</i>	X
Melissa Reynolds	<i>Electric Generating Utilities</i>	
Annalisa Peace Bill Barker*	<i>Environmental</i>	X
Doug Sethness	<i>Flood districts</i>	X
Zach Boyer	<i>Industries</i>	
Joe Ramos	<i>Municipalities</i>	X
Ken Gill	<i>Municipalities</i>	X
Kimberly Meitzen	<i>Public</i>	X
R. Brian Perkins Jonathan Stinson*	<i>River Authorities</i>	X
Tara Bushnoe Shelby Taber*	<i>River Authorities</i>	X
Matthew Hoyt	<i>Small Business</i>	X
Charlie Flatten Ben Eldridge	<i>Water Districts</i>	X
Steven Fonville	<i>Water Utilities</i>	

<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent() / Alternate Present (*)</u>
Sue Reilly Beth Bendik*	Texas Parks and Wildlife Department	X
Fernando Perez Regan Middleton*	Texas Division of Emergency Management	
Jami McCool Kristin Lambrecht*	Texas Department of Agriculture	
Allen Nash	Texas State Soil and Water Conservation Board	
Kris Robles Teresa Williams* John Blount	General Land Office	X
Cynthia Nolasco	Texas Water Development Board (TWDB)	X
Joel Klumpp	Texas Commission on Environmental Quality	
Leah Cuddeback	Public	X
Juan Sandoval Toby Matias	Region 12 Liaison	X

Quorum:

Quorum: Yes

Number of voting members or alternates representing voting members present: 12

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

Other Meeting Attendees:

Sharon Warren, GBRA (Paralegal)

Leigh Crettenden, GBRA (IT)

Alicia Reinmund Martinez (ICF)

Katherine Smith (Freese & Nichols)

See sign-in sheets attached for additional attendees.

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

AGENDA ITEM NO. 1: Call to Order

Chairman Johnston called the meeting to order at 9:03 a.m. A moment of silence was acknowledged for the passing of Charlie Hastings, Kerr County Engineer. Sharon Warren called the roll of the planning group members to record attendance, and a quorum was established.

AGENDA ITEM NO. 2: Welcome

Chairman Johnston welcomed members and guests to the meeting.

AGENDA ITEM NO. 3: Approval of minutes from the January 13, 2026, Region 11 RFPG Meeting.

Chairman Johnston opened the discussion on approving the minutes from the January 13, 2026, Region 11 RFPG Meeting.

A motion was made by Joe Ramos to approve the January 13, 2026, Region 11 RFPG Meeting minutes. Brian Perkins seconded the motion. The motion carried.

AGENDA ITEM NO. 4: Region 11 Guadalupe REPG Chair Updates

No updates were given by the Chair.

AGENDA ITEM NO. 5: Texas Water Development Board (TWDB) Updates

Chairman Johnston called on Kevin Weitzel for updates. The Technical Memorandum was due to the Board on January 7th, 2026. The TWDB administrative completeness reviews are complete, and staff have notified regions with a notice to proceed to Task Five A. The Board staff will provide informal comments during the summer of 2026. TWDB posted an FME for small communities FAQ document on the second-cycle flood planning webpage. An ordered list of FMEs for the TWDB to perform under Task B are due on or before March 26th, 2026. Before submission, RFPGs should approve the FME list as well as the metrics used to determine small

rural communities with limited resources for the FMEs that will be performed by the TWDB. The scope of work and community affirmation forms for all are due April 24th, 2026. The TWDB contacted Texas A&M AgriLife Extension to develop a model to calculate economic losses from flooding events on agricultural lands. This project has been completed, and the agricultural flood loss guidance documents and analysis tools have been published on the TWDB website.

AGENDA ITEM NO. 6: Inter-regional updates on Region 10 & Region 12

No updates were given by the Chair

AGENDA ITEM NO. 7: Guadalupe Region 11 RFPG Sponsor Guadalupe-Blanco River Authority (GBRA) Updates.

No updates were provided by GBRA.

AGENDA ITEM NO. 8: Discussion and potential action regarding administrative expenses to be submitted to the Texas Water Development Board for reimbursement.

The item was previously discussed during the January 13, 2026, meeting.

AGENDA ITEM NO. 9: Discussion updates regarding Region 11 RFPG Technical Consultants' work and schedule

- a. Status Update
- b. Discussion and possible actions to approve the process and recommendations for FMEs to be performed by the TWDB (Task 5B).
- c. Discussion and possible actions to approve the process and recommendation for FMEs to be performed by the RFPG Technical Consultant (Task 4C)
- d. Look-ahead

Kathrine Smith, of Freese & Nichols, is presenting on behalf of Jay Scanlon. She provided an update on the TWDB IUP ("Intended Use Plan"), Task A, which is the recommendations on floodplain management practices; Task 5B, which is discussion and possible actions to approve the process and recommendations for FMEs to be performed by the TWDB; Task 4C, which is discussion and possible actions to approve the process and recommendations for FMEs to be performed by the technical consultant; and the FME advancement process.

TWDB IUP Task A - The draft IUP was released in December 2025, followed by a 30-day public comment period. Solicitation for abridged applications is approximately two weeks later, and the final IUP to the TWDB is about 3 to 4 months after the abridged applications. Next will be the publication of List and Project review and scoring, and the first round of invitations to submit full applications is late 2026. A few months after that, the TWDB will be supplied a list for the final preliminary IUP that staff is bringing forward. A short list will then be developed based on available funding and the cost of those actions. This list should be finalized this coming summer, which will open up the full application process.

Task 3A: Discussion of recommendations and best practices on land conservation, detention basins, development limits, creek and river buffer zones, improved floodplain modeling, low-impact development practices, and higher standards will be incorporated into Chapter 3 of the final report.

FME to FMP Advancement Criteria- Discussion of purpose and goals, initial filters, scoring and ranking, and project selection.

Task 4C – Regional Budget - discussion of projects to be performed by the technical consultants to be worked on over the next few months, in the total price range of \$560,000, with each project in the range of \$150,000. The technical consultants are reaching out to the sponsors in Caldwell, Kerrville, New Braunfels, and San Marcos. Three or four projects will be chosen in this category.

Task 5B – discussion and possible actions to approve the process and recommendations for FMEs to be performed by the TWDB. Projects previously selected were the levy project in the Green DeWitt Drainage District and the sediment and water control basin study from the Upper Guadalupe River Authority. The scope of these projects is due to the TWDB at the end of March. The remaining project's scope is due to the TWDB at the end of April, with a total budget of approximately \$4,000,000.

Motion by Brian Perkins, and seconded by Doug Leacock, to submit in March 2026, the Upper Guadalupe River Authority and the Green DeWitt Drainage District projects totaling \$500,000; to submit to the TWDB in April the following projects: Hays County Drainage Project- (Willow Springs Creek between McCarty Lane and Hunter Road); Hays County Drainage Project- (Willow Springs Creek between Hunter Road and the Railroad); Comal County Master Water Improvement District River Road Low Water Crossing; and the City of Victoria Regional Drainage Solutions Project (narrowed down to \$800,000). Motion carried.

Motion by Annalisa Peace, and seconded by Joe Ramos, to accept the TWDB definition of Rural. Motion carried.

Recommendation and Motion by Ken Gill, and seconded by Joe Ramos, for Freese Nichols to submit, with no substantial changes, on March 26, 2026, to the TWDB, the scope and prioritized list of the following FMEs: (1) Dewitt Drainage District- Cuero Levee Study; and (2) Upper Guadalupe River Authority – Evaluation of water and sediment control facilities. Motion carried.

Task 10 – No public comments received since February 27th and at the January 2026 RFP meeting.

Looking ahead: The eBlast was refined to increase engagement to ensure officials understand the regional flood planning process and the importance of their participation, especially given that there are new officials either appointed or elected.

AGENDA ITEM NO. 10: Presentation – TWDB Nature-Based Solutions Guidance Document

Justin Kozak, with TWDB, and Kim Patak, with Freese & Nichols, presented to the RFGP the purpose of the Nature-Based Solutions (“NBS”), publishing schedule, Guidance Manual content, project goals, intended users, defining NBSs, flood resilience spectrum and examples, structural and non-structural NBS for flood resilience, promotion of NBS, and key takeaways.

AGENDA ITEM NO. 11: Discussion on future meeting dates for 2026.

The following dates are scheduled:

- May 12, 2026 - 9:30 a.m. to 12:00 p.m., GBRA River Annex
- July 14, 2026 - 9:30 a.m. to 12:00 p.m., GBRA River Annex
- September 8, 2026 - 9:30 a.m. to 12:00 p.m., GBRA River Annex
- November 10, 2026 - 9:30 a.m. to 12:00 p.m., GBRA River Annex

AGENDA ITEM NO. 12: Consider date and agenda items for next meeting.

Chairman Johnston provided the date for the next meeting to be held at the GBRA River Annex on Tuesday, May 12, 2026, from 9:30 a.m. to 12:00 p.m.

AGENDA ITEM No. 13: Public general comments on Regular Business:

The Chairman called upon Kathy Roecker, with the City of Kyle, who discussed the need for a basin-wide study.

AGENDA ITEM NO. 14: Adjourn

Brian Perkins made a motion to adjourn the meeting. The motion was seconded by Doug Leacock. The motion was approved by consensus at 10:49 a.m.

Approved by the Region 11 Guadalupe RFGP at a meeting held on March 10, 2026.

Brian Perkins, SECRETARY

John Johnston, CHAIR

GUESTS

Date: March 10, 2026

Please Print

Name	Organization	E-mail Address
1 Katherine Smith	FNI	katherine.smith@freese.com
2 Kathy Roecker	City of Kyle	kroecker@cityofkyle.com
3 Kim Pratt	FNI	KRP@FREESE.COM
4 Julia Post	City of Goliad	julia.post@goliadtx.net (goliadtx.net)
5 Daniel Harris	Scribe Consulting	dharis@scribeconsulting.com
Alicia Reinwald-Martinez	ICF	alicia.reinwald@martinez@icf.com
7 Kevin Wessels	TWDB	kevin.wessels@twdb.texas.gov
8 David Marks	TUDA	DKMarks827@gmail.com
9 Justin Kozak	TNC	justin.kozak@tnc.org
10 Carly Russell	Gonzales County	CR@Co.GonzalesTX.US

PUBLIC COMMENT

Date: March 10, 2028

Please Print

Name	Organization	Email Address
1 Tony Martinez	Beverly's Community	tmartinez@co.govzales.tx.us
2		
3		
4		
5		
6		
7		
8		
9		
10		

Region 11 Guadalupe RFPG Chair Updates

Agenda Item 4

Texas Water Development Board (TWDB) Updates

Agenda Item 5

Inter-regional updates on Region 10 and Region 12

Agenda Item 6

Guadalupe Region 11 RFPG Sponsor Guadalupe-Blanco River Authority (GBRA) Updates

Agenda Item 7

Discussion and potential action regarding administrative expenses to be submitted to the TWDB for reimbursement

Agenda Item 8

GBRA: Regional Sponsor

Date Range: January 1, 2026 - April 30, 2026

RFPG Meeting Dates: January 13, 2026 and March 10, 2026

Executive Committee Meeting: none

GBRA Employee	Task 10	Hours
Accounting Coordinator	Finalize and Submit Request 5 to Cynthia	1
	Gather & Correct Request 5 for Resubmission (two revisions)	2
	Build GBRA Time Table for January-April Reim Request	2
	Gather invoices and put together the payment request spreadsheet, progress report and packet for Payment Request 6. Submit to TWDB.	2.5
	Finalize the GBRA Time Table and send to Brian	0.5
Accounting Coordinator		8
Paralegal	Updated member list on Region 11 website. Emailed Jay, Alicia and Janis re: Update to notification list	0.4
	Email to and from Janis Childers RE: general procedures. Email to Jay Scanlon and Brian Perkins RE: Meeting materials. Email to GBRA IT RE: update to RFPG. Review email from Janis Childers	0.7
	Preparations of Meeting Materials and Technical Memorandum for dissemination and posting to RFPG website and voting/non-voting participants. Email to Brian Perkins re: review of meeting materials. Email to IT to post Meeting Materials and Technical Memorandum to RFPG website. Preparation to distribute and email Meeting Materials to members.	2.60
	Preparation for January 2026 meeting	5.8
	Preparation of January 2026 Meeting Minutes	1.8
	Update Meeting Notice on Region 11 website; continued preparation of January 2026 meeting minutes	0.8
	Continued Preparation of January 2026 Meeting Minutes	3.1
	Discuss updates to Region 11 website and email Janis	0.3
	Teams Call with B. Perkins, J. Stinson, J. Scanlon, J. Johnston, K. Smith, C. Nolasco	0.4
	Review and revise February 2026 minutes, preparation of additional information for TWDB for fee reim, emails with K. Smith	0.5
	Email with K. Smith re: addtl fee information; finalization of February 2026 minutes, preparation of March Meeting materials; email all parties with March meeting materials, contact GBRA IT dept for posting of March Meeting Materials	1.7

	Preparation for and attendance at March Meeting 7:30-12:30, email B. Perkins re: meeting time, revise meeting time and notify all parties	5.3
	Preparation of Minutes from the March 10, 2026 meeting	1
	Continued preparation of minutes from the March 10, 2026 meeting	0.7
	Continued preparation of minutes from the March 10, 2026 meeting	1
	Continued preparation of minutes from the March 10, 2026 meeting, discussion with accounting dept and B. Perkins re: TWDB invoice revisions	2
	Review and Revise March 2026 Meeting Minutes	0.4
	Review and Revise March 2026 Meeting Minutes	0.4
	Post May Agenda to the TxSOS website, email May Agenda to all parties, request Agenda to be posted to Region 11 website, email B. Perkins with status of postings	0.7
Paralegal		29.6
Sr. Help Desk Technician	Website and email updates	1.5
	AV Support for meeting January 13	4.5
	Website updates	0.3
	Website updates for March meeting	0.83
	AV Support for meeting on March 10	1.5
	Website Updates	0.25
Sr. Help Desk Technician		8.88
TOTAL WAGES		
		\$ 2,034.72
TOTAL FRINGE (40.5%)		
		\$ 824.06
TOTAL INDIRECT (10%)		
		\$ 203.47
TOTAL SALARY		
		\$ 3,062.25


Region 11 RFPG Technical Consultants Presentation and Discussion

Agenda Item 9



Technical Consultant Presentation Agenda

- Status Update
- Update on FMEs to be performed by the TWDB (Task 5B)
- Update and presentation of FMEs to be performed by the RFPG Technical Consultant (Task 4C)
- Presentation of 2028 FMSs and potential action on formal recommendations (Task 5A)
- Presentation of Flood response information and activities Survey (Task 7)
- Presentation of Administrative, regulatory, and legislative recommendations from Cycle 1 and updates (Task 8)
- Schedule overview



Status Update

TWDB IUP

- TWDB has not set a release for the Draft Intended Use Plan, anticipated for Summer 2026
 - Followed by a 30-day public comment period

An aerial photograph of a wetland landscape, showing a network of water channels and green vegetation. The water is a light blue-grey color, and the vegetation is a vibrant green. The sky is a pale, overcast blue. The text is overlaid on the center of the image.

Update on FMEs to be performed by the TWDB

Task 5B

FME to FMP Advancement Results for Region (5B)

Project Selection

- Region 11 Selection
- Based on filtering
- Determined if any are completed
- Consulted with sponsors
- Selected FMEs



Sponsor	Number of FMEs Ranked
Canyon Regional Water Authority	1
Comal Master WID	1
Dewitt County Drainage District 1	2
Flatonia	1
Gonzales	1
Hays	2
Kerrville	2
New Braunfels	6
San Marcos	4
Seguin	1
Uhland	1
Upper Guadalupe River Authority	1
Victoria (City)	2
Total	25

Update on FMEs to be performed by the TWDB

- Submitted March 24, 2026
- To be kicked off shortly

Rank	Sponsor	FME Name	FME Description	Cost Estimate
1	UGRA	Upper Guadalupe River Authority Evaluation of Water and Sediment Control Facilities and Alternate Flood Risk Reduction Actions	Study to assess flood benefits and cost effectiveness of UGRA's nine facilities, evaluating alternative risk reduction actions such as regional or distributed detention, crossing improvements, land conservation, and targeted buyouts, or others as able.	\$468,000
2	DeWitt County	Green DeWitt Drainage District Cuero Levee Study and Alternate Flood Risk Reduction Actions	Feasibility study of potential levee and crossing improvements to protect City from riverine flooding with risk to life/safety and catastrophic damage, as has been experienced in Cuero on numerous occasions.	\$403,000
			Total	\$871,000

Update on FMEs to be performed by the TWDB

- Submitted April 23, 2026
- To be funded over following years

Rank	Sponsor	FME Name	FME Description	Cost Estimate
3	Hays County	Hays County Channel Improvements and Detention analysis along Willow Springs Creek between McCarty Lane and the Railroad	Study to assess flood benefits and cost effectiveness of UGRA's nine facilities, evaluating alternative risk reduction actions such as regional or distributed detention, crossing improvements, land conservation, and targeted buyouts, or others as able.	\$464,000
4	City of Victoria	City of Victoria Spring Creek Watershed Project Planning	Updating the current City of Victoria Master Drainage Plan to include new land use development, hydrologic and hydraulic changes, and to perform a regional detention analysis for the Spring Creek watershed.	\$500,000
			Total	\$964,000

Update on FMEs to be performed by the TWDB

- Additional Potential FMEs to be Submitted to > \$3.9M

Rank	Sponsor	FME Name	FME Description	Cost Estimate
5	City of Umland	City of Umland Drainage Improvement Project Planning	Project planning for proposed project to mitigate against flooding by increasing the capacity of drainage routes to contain the storm water. Proposed drainage improvements will reduce flood waters backing up into the City.	\$500,000
6	City of San Marcos	City of San Marcos USACE Regional Flooding Mitigation Bypass Channel Project Planning	Update existing study for alternatives, preliminary engineering and design of selected alternative	\$500,000
7	City of Seguin	City of Seguin Citywide Drainage Project Planning	Project planning for four priority drainage projects within the City of Seguin that would greatly improve the safety of their 25,520 residents. Project areas include North Guadalupe, North Heideke, Mays Creek and Walnut Branch.	\$500,000
8	New Braunfels	City of New Braunfels - Box Culvert Installation to Reduce Flood Risk on Blieders Creek, Comal River and Landa Park Project Planning	Project planning for proposed drainage improvements project to reduce flooding in the Blieders Creek and German Creek watersheds by conveying flows to the Guadalupe River. The project is also intended to relieve flooding in the Landa Park area.	\$500,000
9	Canyon Regional Water Authority	Canyon Regional Water Authority Hays Caldwell Water Treatment Plant Floodwall Project Planning	Project planning for Canyon Regional WA - Hays Caldwell Water Treatment Plant Floodwall Project	\$300,000
			Total	\$2.3 M

An aerial photograph of a wetland landscape. The scene is dominated by a network of winding water channels and small ponds, interspersed with dense green vegetation, likely marsh grasses. The water reflects the sky and the surrounding greenery. The overall tone is a soft, muted green and blue, suggesting a natural, serene environment.

Update and presentation of FMEs to be performed by the RFPG Technical Consultant

Task 4C

FME to FMP Advancement Results for Region (4C)

Project Selection

•Region 11 Selection

- Based on filtering
- Spread throughout Basin
- Consult sponsors
- Selecting FMEs



Sponsor	Number of FMEs Ranked	General FME Ranking
San Marcos	4	1
Wimberley	15	2
Caldwell County	17	3
Garden Ridge	1	4
Victoria (County)	2	5
Victoria (City)	1	6
Nordheim	1	7
Kerrville	6	8
New Braunfels	1	9
Total	48	

FME to FMP Advancement Results for Region (4C)

Project Selection

- Region 11 Selection
- Based on filtering
- Spread throughout Basin
- Consulting with sponsors
 - Preferred FMEs
 - Project Status
 - Project Goals
- Select FMEs

Sponsor	Number of FMEs Ranked	General FME Ranking
San Marcos	4	1
Wimberley	15	2
Caldwell County	17	3
Garden Ridge	1	4



Sponsor	Technical Consultant	Consultant Budget
Caldwell	Kleinfelder	\$185,000
San Marcos	Freese and Nichols	\$221,150*
Wimberley	Scheibe	\$130,000



**Task 4C FMEs -
San Marcos
City of San
Marcos South
LBJ Drive at
Willow Springs
Creek Project
Planning**

FME Description:

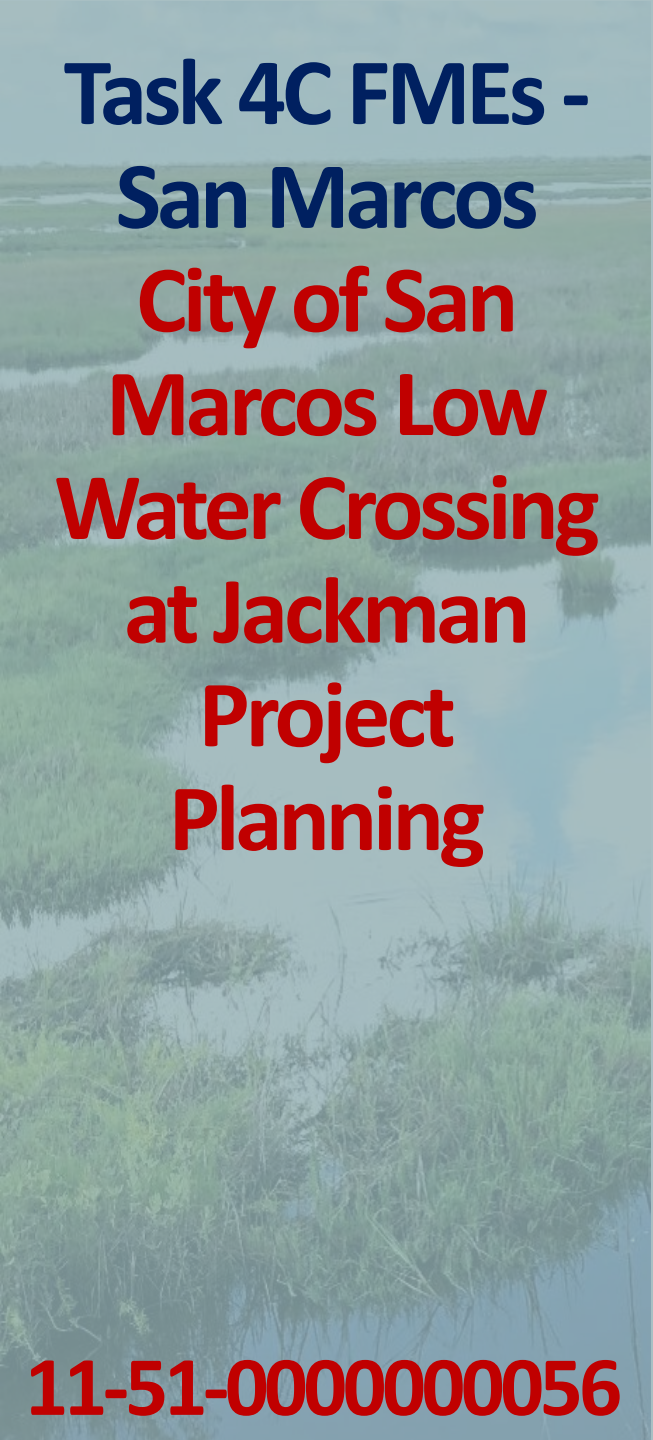
Analysis to determine a solution to improve the South LBJ crossing at Willow Springs, using nature-based solutions as applicable. Cost estimates and no negative impact assessments will be conducted.

Description of need for study and expected benefit:

Feasibility study of crossing improvement alternatives to protect City from riverine flooding with risk to life/safety and catastrophic damage during storm events.

Cost Estimate:

\$75,000



**Task 4C FMEs -
San Marcos
City of San
Marcos Low
Water Crossing
at Jackman
Project
Planning**

FME Description:

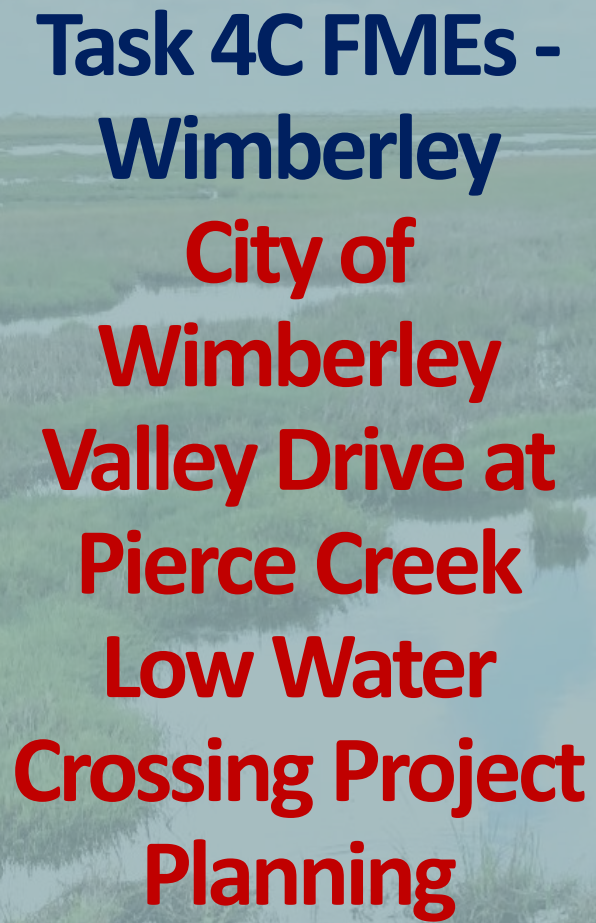
Analysis to determine a solution to improve the crossing at Jackman and Purgatory Creek, using nature-based solutions as applicable. Cost estimates and no negative impact assessments will be conducted.

Description of need for study and expected benefit:

Feasibility study of crossing improvement alternatives to protect City from riverine flooding with risk to life/safety and catastrophic damage during storm events.

Cost Estimate:

\$75,000



**Task 4C FMEs -
Wimberley
City of
Wimberley
Valley Drive at
Pierce Creek
Low Water
Crossing Project
Planning**

FME Description:

Evaluation of alternatives for raising Valley Drive low water crossing at Pierce Creek to allow egress from residential areas during flooding.

Description of need for study and expected benefit:

Need to raise low water crossing at Pierce Creek to allow access to and evacuation from residential area during times of flooding. This is currently the only point of egress from the neighborhood.

Cost Estimate:

\$70,000



**Task 4C FMEs -
Wimberley
City of
Wimberley Flite
Acres Drive
Low Water
Crossings
Project
Planning**

FME Description:

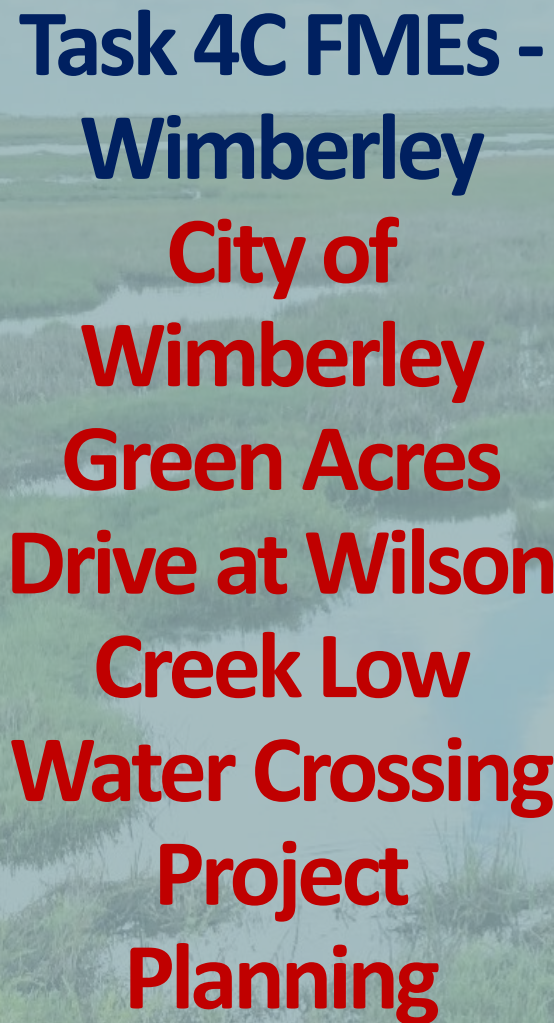
Evaluation of alternatives for raising two Flite Acres Drive low water crossings to allow egress from residential areas during flooding.

Description of need for study and expected benefit:

Need to raise low water crossings along Flite Acres Road to allow access to and evacuation from residential area during times of flooding. This is currently the only point of egress from the residential area.

Cost Estimate:

\$70,000



**Task 4C FMEs -
Wimberley
City of
Wimberley
Green Acres
Drive at Wilson
Creek Low
Water Crossing
Project
Planning**

FME Description:

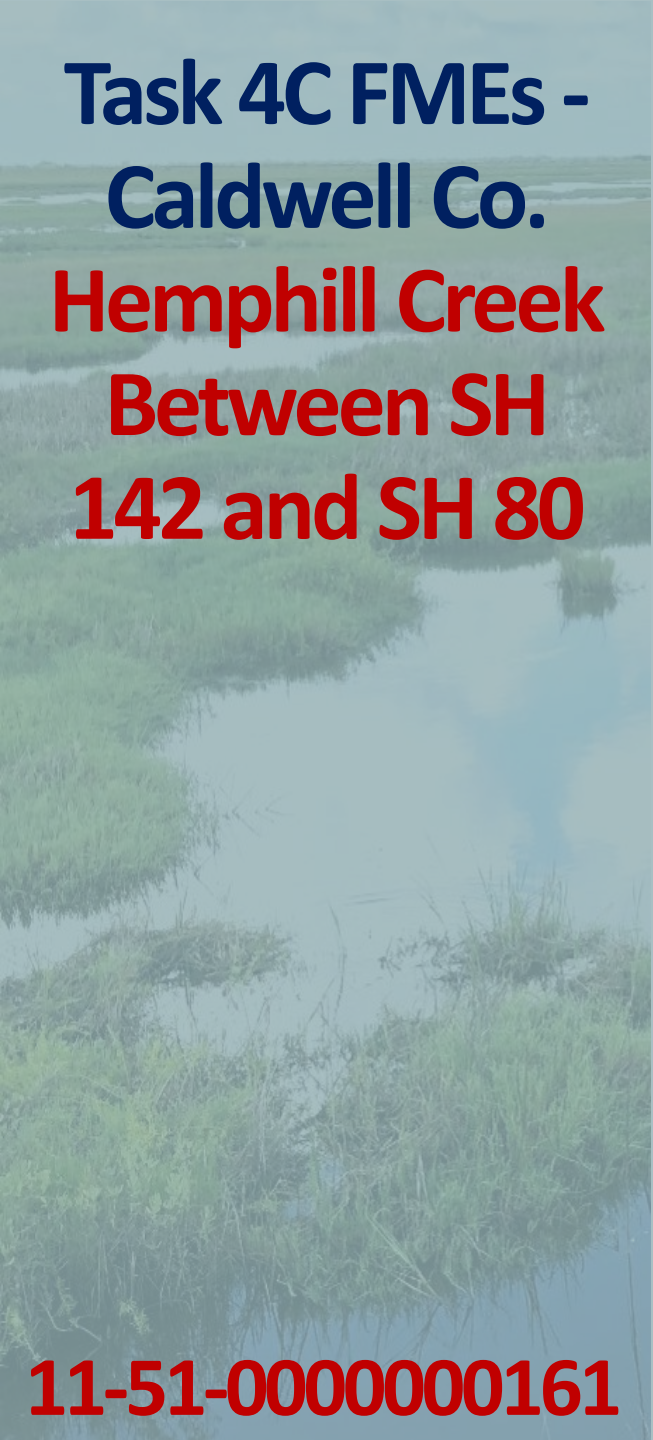
Evaluation of alternatives for raising Green Acres Drive low water crossing at Wilson Creek to allow egress from residential areas during flooding.

Description of need for study and expected benefit:

Need to raise low water crossing at Wilson Creek to allow access to and evacuation from residential areas during times of flooding. This is currently the only point of egress for many residences.

Cost Estimate:

\$70,000



**Task 4C FMEs -
Caldwell Co.
Hemphill Creek
Between SH
142 and SH 80**

FME Description:

Planning-level study to evaluate structural and non-structural projects to reduce 1-percent-annual-chance riverine flooding along Hemphill Creek between SH 142 and SH 80, accounting for San Marcos River influences and reducing risk to 1,189 people and 410 structures.

Description of need for study and expected benefit:

Evaluation of alternatives to reduce flooding and provide improved ingress and egress for residents during storm events.

Cost Estimate:

\$50,000



**Task 4C FMEs -
Caldwell Co.
Mebane Creek
Channel
Improvements**

FME Description:

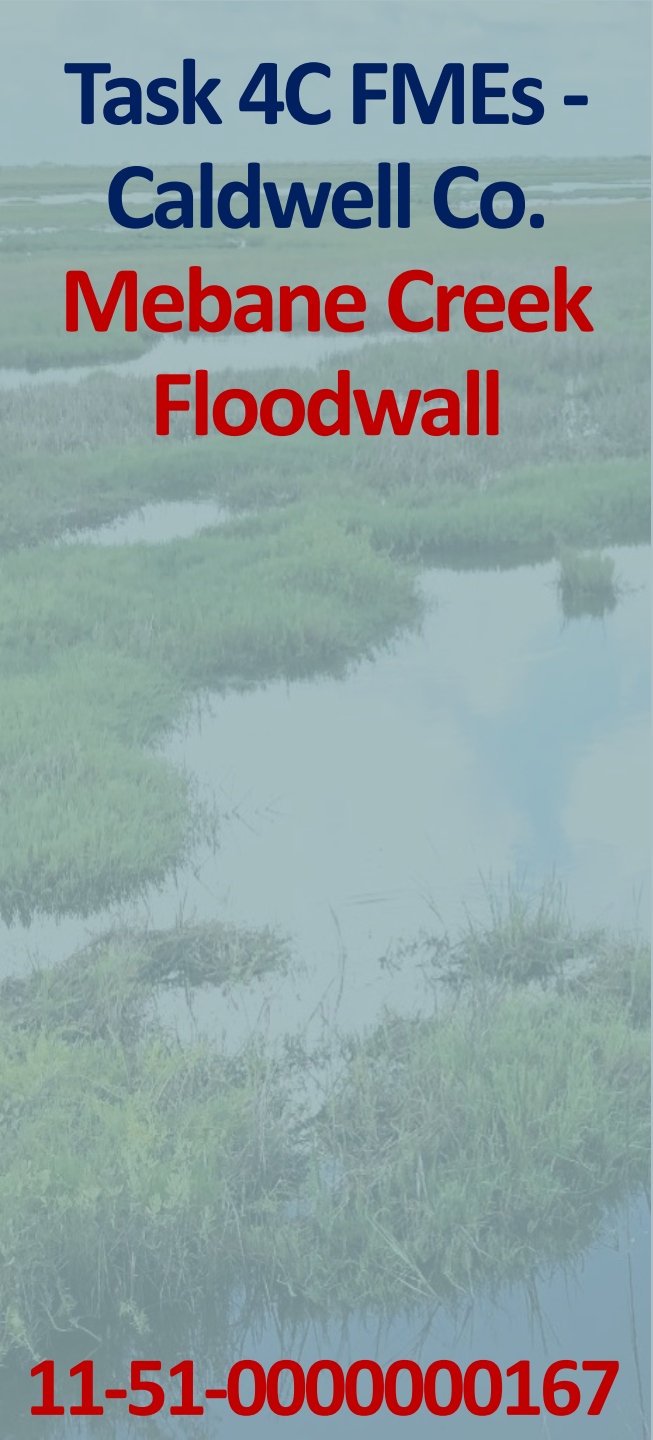
Planning-level study to evaluate channel improvement alternatives along Mebane Creek to reduce 1-percent-annual-chance riverine flooding upstream of Clear Fork Street in Caldwell County, protecting about 15 homes and 3 critical facilities.

Description of need for study and expected benefit:

Evaluation of channel improvements to reduce flooding and provide improved ingress and egress for residents during storm events.

Cost Estimate:

\$50,000



**Task 4C FMEs -
Caldwell Co.
Mebane Creek
Floodwall**

FME Description:

Planning-level study to evaluate a floodwall alternative to reduce 1-percent-annual-chance riverine flooding along Mebane Creek near Blue Stem Drive in Caldwell County, protecting about 15 homes and 3 critical facilities within the 13-square-mile watershed.

Description of need for study and expected benefit:

Need to evaluate alternatives to allow access to and evacuation from Blue Stem Drive during times of flooding.

Cost Estimate:

\$50,000

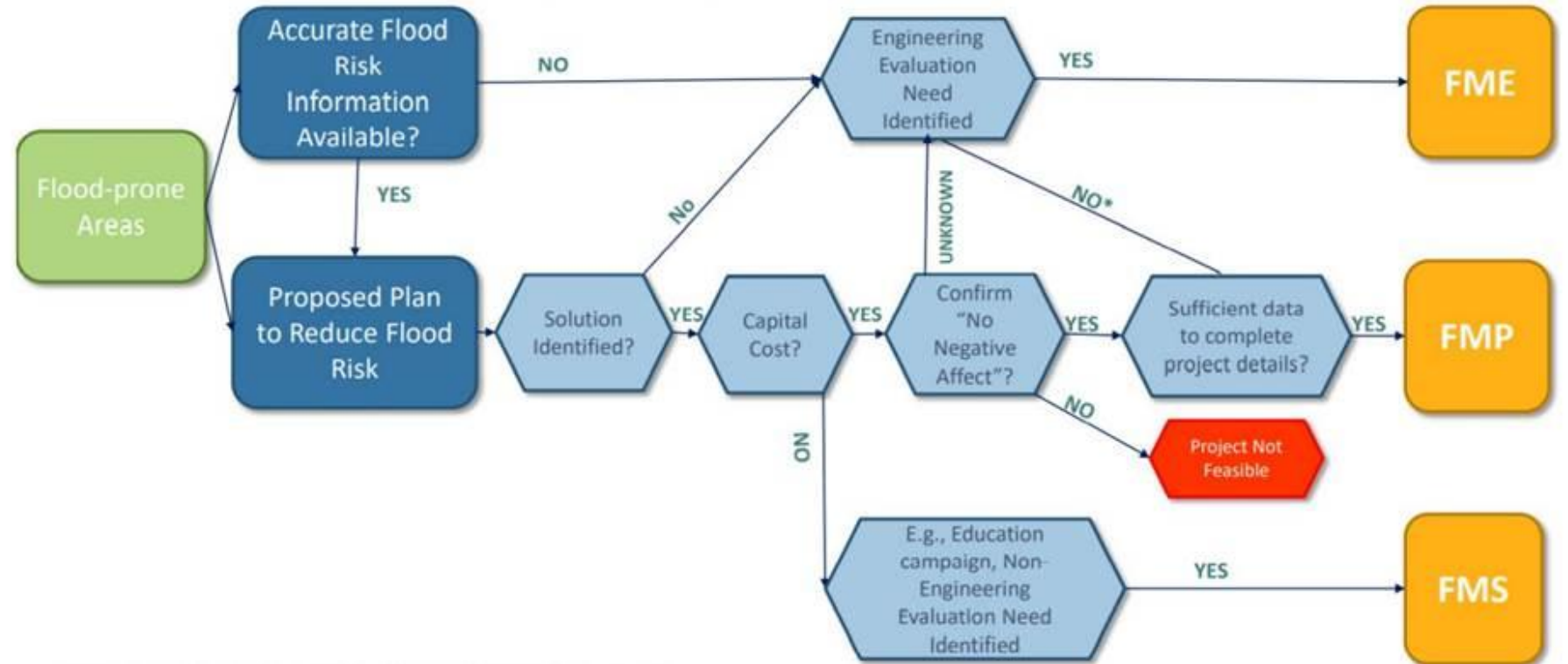


Recommendation of Flood Management Evaluations, Flood Mitigation Projects, and Flood Management Strategies

Task 5A - FMS

FME, FMP, FMS Flow Chart

FME, FMP, FMS Flow Chart



FMS

Flood

Management

Strategies can be a broad array of policy or other strategies that aid in flood management.

RFPGs shall recommend:

- FMSs to reduce the potential impacts of flood and RFPG goals that must, at a minimum, mitigate for flood events associated with at 1 percent annual chance (100-year flood) where feasible.
- FMSs or FMPs may not negatively affect a neighboring area or an entity's water supply.
- FMSs or FMPs that will contribute to water supply may not result in an overallocation of a water source based on the water availability allocations in the most recently adopted State Water Plan.
- To the extent possible, FMSs that were previously identified and evaluated by others prior to and/or outside of the regional flood planning process and that are being considered by the RFPG for inclusion in the regional flood plan should be updated.

Cycle 1 FMSs

FMS ID	Sponsor	FMS Name	FME Description	FMS Type
11-53-0000000186	Guadalupe RFPG	Guadalupe Region-Wide Education and Outreach	Activities not limited to implementing/improving flood education and awareness programs for residents, elected officials, and real estate agents/developers; and flood insurance campaigns to reduce flood risk and increase NFIP participation.	Education and Outreach
11-53-0000000187	Guadalupe RFPG	Guadalupe Region-Wide Property Acquisitions and Structural Elevation	Develop and implement a voluntary buyout or structural elevation assistance programs to eliminate repetitive loss structures and implementing programs to purchase/preserve open space to protect riparian corridors.	Property Acquisition and Structural Elevation
11-53-0000000188	Guadalupe RFPG	Guadalupe Region-Wide Regulatory and Guidance	Regularly review and update floodplain ordinances, land use/zoning, development criteria, and enforcement. Develop and implement higher standards, green infrastructure program, and use best available data (eg. BLE) to manage floodplains	Regulatory and Guidance
11-53-0000000189	Guadalupe RFPG	Guadalupe Region-Wide Flood Measurement and Warning	Develop or implement programs to increase flood warning including reverse 911 systems; evacuation/emergency management plans and personnel training; NOAA all-hazards radios, and programs to increase safety at low water crossings (signs, flashers, gages)	Flood Measurement and Warning
11-53-0000000190	Guadalupe RFPG	Guadalupe Region-Wide Infrastructure Projects	Develop programs to preserve system functionality (storm drains, culverts, bridges); enhance riparian corridors & preserve floodplain capacity; and infrastructure improvements programs that identify and prioritize flood risk reduction projects	Infrastructure Projects

Cycle 2 FMSs

FMS ID	Sponsor	FMS Name	FME Description	FMS Type
11-53-0000000191	Comal	Comal County Flood Measurement and Warning	Expand the current high water warning systems in Comal County by installing 50 additional systems at low water crossings.	Flood Measurement and Warning
11-53-0000000192	Comal	Comal County Flood Measurement and Warning	Expanding emergency warning systems in Comal County by installing 6 sirens downstream of Canyon lake and 4 upstream of Canyon Lake.	Flood Measurement and Warning
11-53-0000000193	City of Wimberley	Hays County Flood Measurement and Warning	Install flood early warning systems and sirens in areas of flood risk across Hays County.	Flood Measurement and Warning

Flood Management Strategy (FMS)



Title **Guadalupe Region-Wide Education and Outreach**

FMS ID **11-53-000000186** Sponsor Entity ID **11-01-0000003546**

Sponsor Name **Guadalupe Regional Flood Planning Group (Other)**

RFPG Recommend? **Yes** Reason for Recommendation **Meets minimum TWDB requirements**

FMS Details

FMS Type **Education and Outreach**

FMS Description **Activities not limited to implementing/improving flood education and awareness programs for residents, elected officials, and real estate agents/developers; and flood insurance campaigns to reduce flood risk and increase NFIP participation.**

County **Multiple** Associated FME's **-** Associated FMP's **-**

Emergency Need? **No** If yes, describe Emergency Need **-**

Drainage area (Est. sq-mi) **6,010.37** Assumptions/Relevant Context **N/A**

Existing 100-Year Flood Risk

Flood risk type:	Riverine? Yes	Coastal? Yes	Local? No	Playa? No	Other? Yes
Known lives lost in study area	156	Emergency facilities at risk	-	Residential at risk	18,879
Population at risk	62,638	Structures at risk	27,069	Critical facilities at risk	136
Farm/ranch at risk (acres)	360,251.31	Impacted roadway miles	935		
Low water crossings	661	Total historical road closures	-		

100-Year Flood Risk Reduction

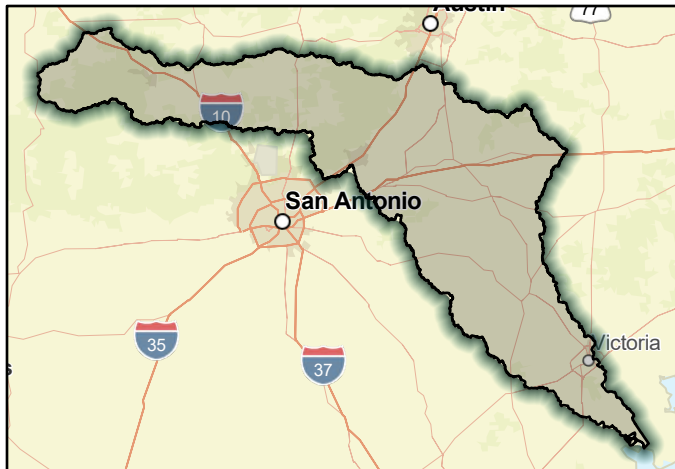
Population removed	-	Structures removed	-	Critical facilities removed	-
Emergency facilities removed	-	Farm/ranch removed	-	Roadways removed(miles)	-
Low water crossings removed	-			Reduction in road closures over 10 years	-
Other benefits	Flood risk reduction, increased participation in the NFIP			Residential removed	-

Impacts

Negative impact?	No	Negative impact description	N/A
Water supply contributions?	No	Water supply description	N/A

Estimated Cost(s)

Total FMS cost	\$978,000	Non-recurring, non-capital cost (NRNC)	\$978,000	Percent Nature-Based	-%
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Guadalupe Region-Wide Property Acquisitions and Structural Elevation**

FMS ID **11-53-000000187** Sponsor Entity ID **11-01-0000003546**

Sponsor Name **Guadalupe Regional Flood Planning Group (Other)**

RFPG Recommend? **Yes** Reason for Recommendation **Meets minimum TWDB requirements**

FMS Details

FMS Type **Property Acquisition and Structural Elevation**

FMS Description **Develop and implement a voluntary buyout or structural elevation assistance programs to eliminate repetitive loss structures and implementing programs to purchase/preserve open space to protect riparian corridors.**

County **Multiple** Associated FME's **-** Associated FMP's **-**

Emergency Need? **No** If yes, describe Emergency Need **-**

Drainage area (Est. sq-mi) **6,010.37** Assumptions/Relevant Context **N/A**

Existing 100-Year Flood Risk

Flood risk type:	Riverine? Yes	Coastal? Yes	Local? No	Playa? No	Other? Yes
Known lives lost in study area	156	Emergency facilities at risk	-	Residential at risk	18,879
Population at risk	62,638	Structures at risk	27,069	Critical facilities at risk	136
Farm/ranch at risk (acres)	360,251.31	Impacted roadway miles	935		
Low water crossings	661	Total historical road closures	-		

100-Year Flood Risk Reduction

Population removed	-	Structures removed	-	Critical facilities removed	-
Emergency facilities removed	-	Farm/ranch removed	-	Roadways removed(miles)	-
Low water crossings removed	-			Reduction in road closures over 10 years	-
Other benefits	Flood risk reduction and nature based solutions			Residential removed	-

Impacts

Negative impact?	No	Negative impact description	N/A
Water supply contributions?	No	Water supply description	N/A

Estimated Cost(s)

Total FMS cost	\$1,250,000	Non-recurring, non-capital cost (NRNC)	\$1,250,000	Percent Nature-Based	-%
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Guadalupe Region-Wide Regulatory and Guidance**

FMS ID **11-53-000000188** Sponsor Entity ID **11-01-000003546**

Sponsor Name **Guadalupe Regional Flood Planning Group (Other)**

RFPG Recommend? **Yes** Reason for Recommendation **Meets minimum TWDB requirements**

FMS Details

FMS Type **Regulatory and Guidance**

FMS Description **Regularly review and update floodplain ordinances, land use/zoning, development criteria, and enforcement. Develop and implement higher standards, green infrastructure program, and use best available data (eg. BLE) to manage floodplains**

County **Multiple** Associated FME's **-** Associated FMP's **-**

Emergency Need? **No** If yes, describe Emergency Need **-**

Drainage area (Est. sq-mi) **6,010.37** Assumptions/Relevant Context **N/A**

Existing 100-Year Flood Risk

Flood risk type:	Riverine? Yes	Coastal? Yes	Local? No	Playa? No	Other? Yes
Known lives lost in study area	156	Emergency facilities at risk	-	Residential at risk	18,879
Population at risk	62,638	Structures at risk	27,069	Critical facilities at risk	136
Farm/ranch at risk (acres)	360,251.31	Impacted roadway miles	935		
Low water crossings	661	Total historical road closures	-		

100-Year Flood Risk Reduction

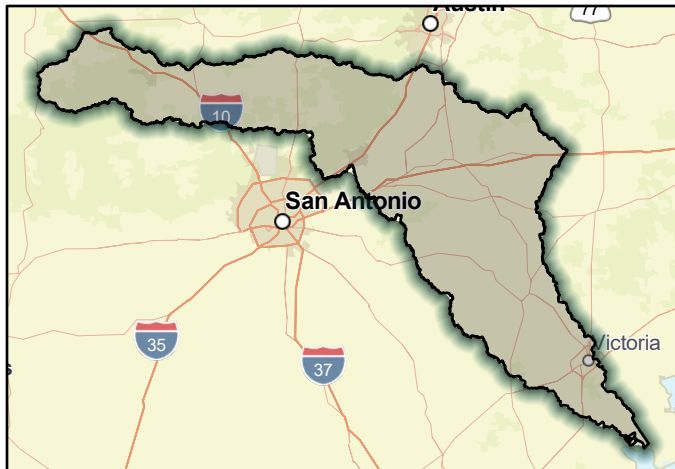
Population removed	-	Structures removed	-	Critical facilities removed	-
Emergency facilities removed	-	Farm/ranch removed	-	Roadways removed(miles)	-
Low water crossings removed	-			Reduction in road closures over 10 years	-
Other benefits	Flood risk reduction and nature based solutions			Residential removed	-

Impacts

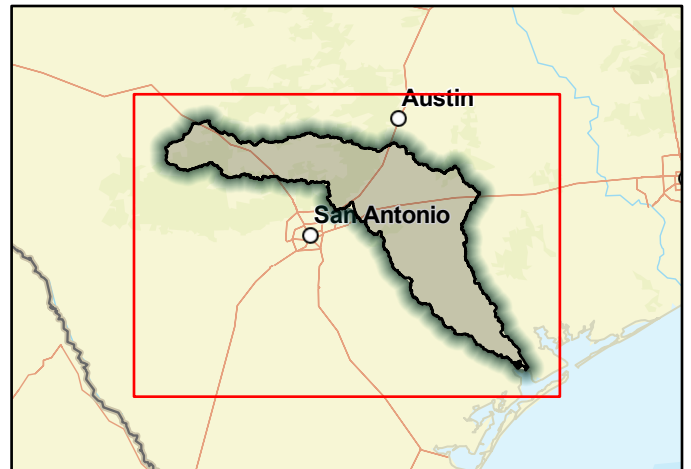
Negative impact?	No	Negative impact description	N/A
Water supply contributions?	No	Water supply description	N/A

Estimated Cost(s)

Total FMS cost	\$93,000	Non-recurring, non-capital cost (NRNC)	\$93,000	Percent Nature-Based	-%
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Guadalupe Region-Wide Flood Measurement and Warning**

FMS ID **11-53-000000189** Sponsor Entity ID **11-01-000003546**

Sponsor Name **Guadalupe Regional Flood Planning Group (Other)**

RFPG Recommend? **Yes** Reason for Recommendation **Meets minimum TWDB requirements**

FMS Details

FMS Type **Flood Measurement and Warning**

FMS Description **Develop or implement programs to increase flood warning including reverse 911 systems; evacuation/emergency management plans and personnel training; NOAA all-hazards radios, and programs to increase safety at low water crossings (signs, flashers, gages)**

County **Multiple** Associated FME's **-** Associated FMP's **-**

Emergency Need? **No** If yes, describe Emergency Need **-**

Drainage area (Est. sq-mi) **6,010.37** Assumptions/Relevant Context **N/A**

Existing 100-Year Flood Risk

Flood risk type:	Riverine? Yes	Coastal? Yes	Local? No	Playa? No	Other? Yes
Known lives lost in study area	156	Emergency facilities at risk	-	Residential at risk	18,879
Population at risk	62,638	Structures at risk	27,069	Critical facilities at risk	136
Farm/ranch at risk (acres)	360,251.31	Impacted roadway miles	935		
Low water crossings	661	Total historical road closures	-		

100-Year Flood Risk Reduction

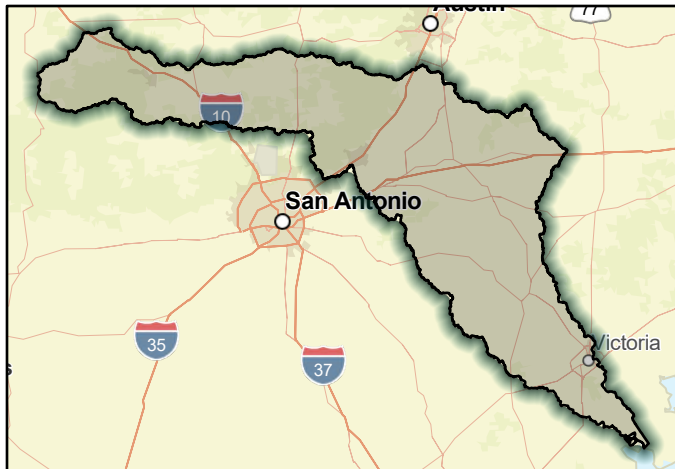
Population removed	-	Structures removed	-	Critical facilities removed	-
Emergency facilities removed	-	Farm/ranch removed	-	Roadways removed(miles)	-
Low water crossings removed	-			Reduction in road closures over 10 years	-
Other benefits Public safety				Residential removed	-

Impacts

Negative impact?	No	Negative impact description	N/A
Water supply contributions?	No	Water supply description	N/A

Estimated Cost(s)

Total FMS cost	\$9,541,000	Non-recurring, non-capital cost (NRNC)	\$1,000,000	Percent Nature-Based	-%
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Guadalupe Region-Wide Infrastructure Projects**

FMS ID **11-53-000000190** Sponsor Entity ID **11-01-000003546**

Sponsor Name **Guadalupe Regional Flood Planning Group (Other)**

RFPG Recommend? **Yes** Reason for Recommendation **Meets minimum TWDB requirements**

FMS Details

FMS Type **Infrastructure Projects**

FMS Description **Develop programs to preserve system functionality (storm drains, culverts, bridges); enhance riparian corridors & preserve floodplain capacity: and infrastructure improvements programs that identify and prioritize flood risk reduction projects**

County **Multiple** Associated FME's **-** Associated FMP's **-**

Emergency Need? **No** If yes, describe Emergency Need **-**

Drainage area (Est. sq-mi) **6,010.37** Assumptions/Relevant Context **N/A**

Existing 100-Year Flood Risk

Flood risk type:	Riverine? Yes	Coastal? Yes	Local? No	Playa? No	Other? Yes
Known lives lost in study area	156	Emergency facilities at risk	-	Residential at risk	18,879
Population at risk	62,638	Structures at risk	27,069	Critical facilities at risk	136
Farm/ranch at risk (acres)	360,251.31	Impacted roadway miles	935		
Low water crossings	661	Total historical road closures	-		

100-Year Flood Risk Reduction

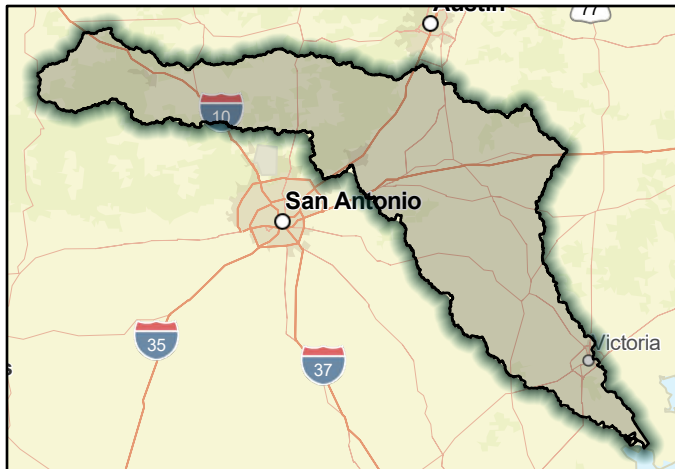
Population removed	-	Structures removed	-	Critical facilities removed	-
Emergency facilities removed	-	Farm/ranch removed	-	Roadways removed(miles)	-
Low water crossings removed	-			Reduction in road closures over 10 years	-
Other benefits	Flood Risk Reduction and Public safety			Residential removed	-

Impacts

Negative impact?	No	Negative impact description	N/A
Water supply contributions?	No	Water supply description	N/A

Estimated Cost(s)

Total FMS cost	\$21,611,000	Non-recurring, non-capital cost (NRNC)	\$2,000,000	Percent Nature-Based	-%
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Comal County Flood Measurement and Warning**

FMS ID **11-53-0000000191** Sponsor Entity ID **00-01-0000000014**

Sponsor Name **Comal (County)**

RFPG Recommend? **-** Reason for Recommendation **-**

FMS Details

FMS Type **Flood Measurement and Warning**

FMS Description **Expand the current high water warning systems in Comal County by installing 50 additional systems at low water crossings.**

County **Comal** Associated FME's **-** Associated FMP's **-**

Emergency Need? **No** If yes, describe Emergency Need **-**

Drainage area (Est. sq-mi) **575.1** Assumptions/Relevant Context **N/A**

Existing 100-Year Flood Risk

Flood risk type:	Riverine? Yes	Coastal? No	Local? Yes	Playa? No	Other? No
Known lives lost in study area	5	Emergency facilities at risk	4	Residential at risk	3,007
Population at risk	9,009	Structures at risk	4,017	Critical facilities at risk	9
Farm/ranch at risk (acres)	9,688.59	Impacted roadway miles	109.85		
Low water crossings	82	Total historical road closures	-		

100-Year Flood Risk Reduction

Population removed	2,607	Structures removed	1,277	Critical facilities removed	0
Emergency facilities removed	0	Farm/ranch removed	0	Roadways removed(miles)	14.34
Low water crossings removed	-6			Reduction in road closures over 10 years	-
Other benefits	-			Residential removed	1,061

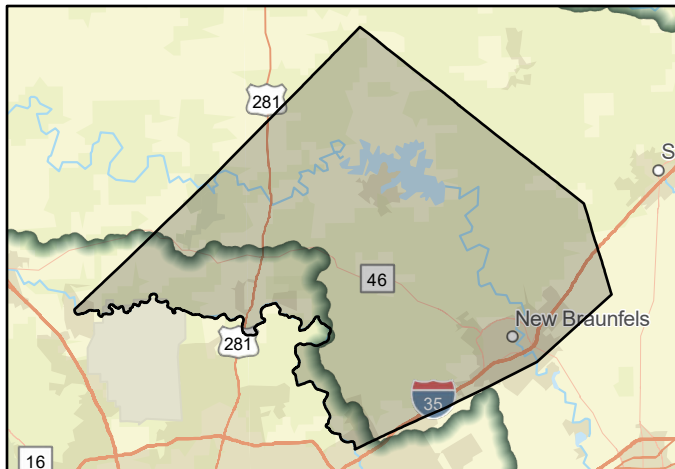
Impacts

Negative impact? **-** Negative impact description **-**

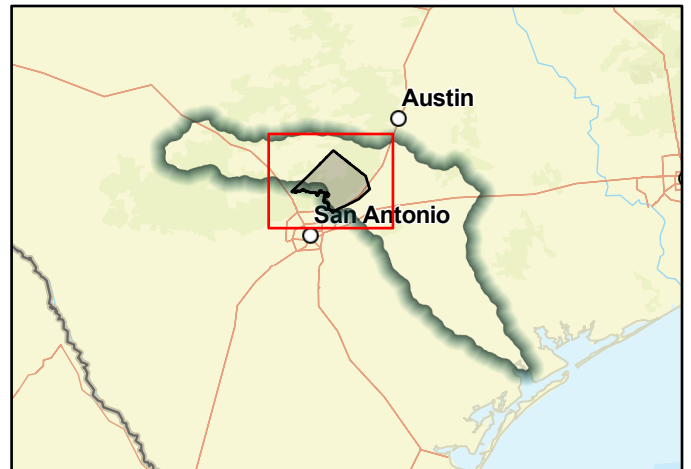
Water supply contributions? **-** Water supply description **-**

Estimated Cost(s)

Total FMS cost **-** Non-recurring, non-capital cost (NRNC) **-** Percent Nature-Based **-%**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Comal County Flood Measurement and Warning**

FMS ID **11-53-0000000192** Sponsor Entity ID **00-01-0000000014**

Sponsor Name **Comal (County)**

RFPG Recommend? **-** Reason for Recommendation **-**

FMS Details

FMS Type **Flood Measurement and Warning**

FMS Description **Expanding emergency warning systems in Comal County by installing 6 sirens downstream of Canyon lake and 4 upstream of Canyon Lake.**

County **Comal** Associated FME's **-** Associated FMP's **-**

Emergency Need? **No** If yes, describe Emergency Need **-**

Drainage area (Est. sq-mi) **575.1** Assumptions/Relevant Context **N/A**

Existing 100-Year Flood Risk

Flood risk type:	Riverine? Yes	Coastal? No	Local? Yes	Playa? No	Other? No
Known lives lost in study area	5	Emergency facilities at risk	4	Residential at risk	3,007
Population at risk	9,009	Structures at risk	4,017	Critical facilities at risk	9
Farm/ranch at risk (acres)	9,688.59	Impacted roadway miles	109.85		
Low water crossings	82	Total historical road closures	-		

100-Year Flood Risk Reduction

Population removed	2,607	Structures removed	1,277	Critical facilities removed	0
Emergency facilities removed	0	Farm/ranch removed	0	Roadways removed(miles)	14.34
Low water crossings removed	-6			Reduction in road closures over 10 years	-
Other benefits	-			Residential removed	1,061

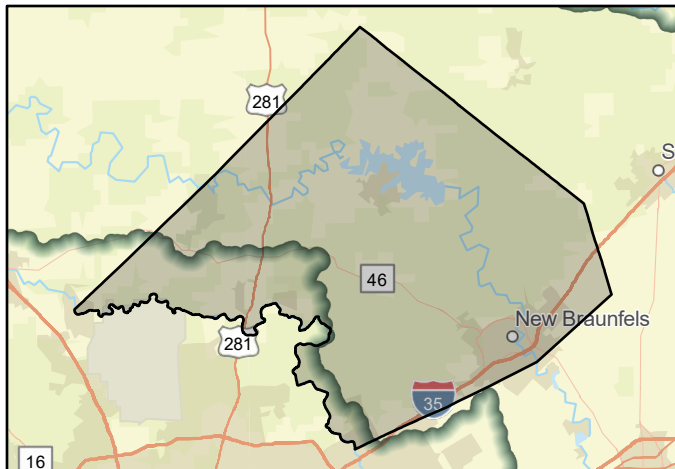
Impacts

Negative impact? **-** Negative impact description **-**

Water supply contributions? **-** Water supply description **-**

Estimated Cost(s)

Total FMS cost **-** Non-recurring, non-capital cost (NRNC) **-** Percent Nature-Based **-%**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Hays County Flood Measurement and Warning**

FMS ID **11-53-000000193** Sponsor Entity ID **11-01-000002432**

Sponsor Name **Wimberley (Municipality)**

RFPG Recommend? **-** Reason for Recommendation **-**

FMS Details

FMS Type **Flood Measurement and Warning**

FMS Description **Install flood early warning systems and sirens in areas of flood risk across Hays County.**

County **Hays** Associated FME's **-** Associated FMP's **-**

Emergency Need? **No** If yes, describe Emergency Need **-**

Drainage area (Est. sq-mi) **678.62** Assumptions/Relevant Context **N/A**

Existing 100-Year Flood Risk

Flood risk type:	Riverine? Yes	Coastal? No	Local? Yes	Playa? No	Other? No
Known lives lost in study area	12	Emergency facilities at risk	14	Residential at risk	3,820
Population at risk	21,550	Structures at risk	5,185	Critical facilities at risk	31
Farm/ranch at risk (acres)	10,120.02	Impacted roadway miles	119		
Low water crossings	92	Total historical road closures	-		

100-Year Flood Risk Reduction

Population removed	6,202	Structures removed	1,637	Critical facilities removed	0
Emergency facilities removed	5	Farm/ranch removed	756.14	Roadways removed(miles)	4.76
Low water crossings removed	-9			Reduction in road closures over 10 years	-
Other benefits	-			Residential removed	1,206

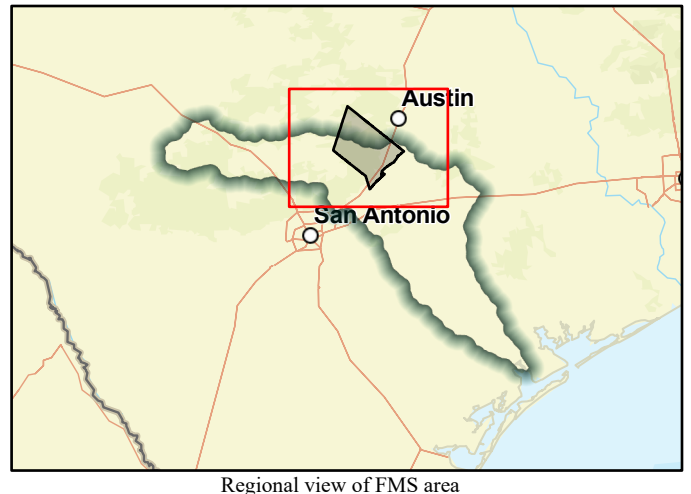
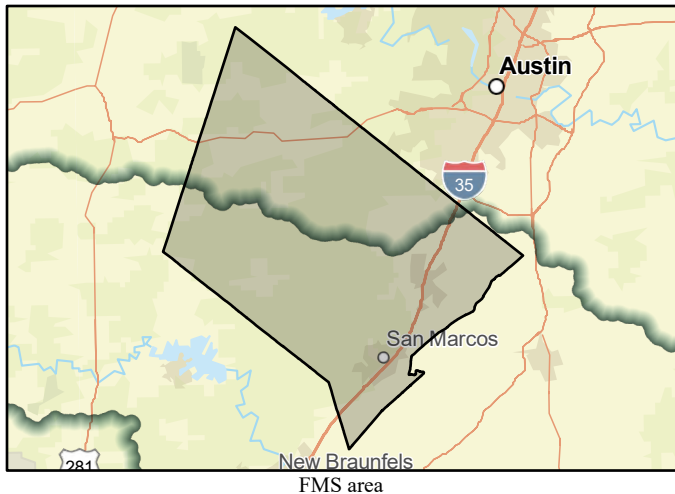
Impacts

Negative impact? **-** Negative impact description **-**

Water supply contributions? **-** Water supply description **-**

Estimated Cost(s)

Total FMS cost **-** Non-recurring, non-capital cost (NRNC) **-** Percent Nature-Based **-%**

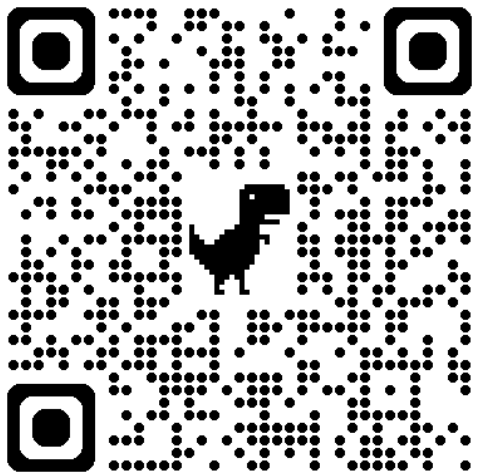


An aerial photograph of a vast wetland landscape. The terrain is a mosaic of green marshland and blue water channels. The water reflects the sky and the surrounding vegetation. The overall scene is serene and expansive.

Flood response information and activities

Task 7

Survey on flooding issues and floodplain management goals



Purpose:

Collect information and data regarding existing flood infrastructure, floodplain management, flood risk reduction (mitigation) planning and projects, emergency response, and funding..

Audience:

Encourage all potential stakeholders, including the general public

Next Steps:

Share!

<https://freese.mysocialpinpoint.com/guadalupe-regional-flood-plan-take-the-survey>



Guadalupe Region FEWS Overview

Updates:

- Senate Bill 3 Implementation
- Funding needs
- County wide systems
 - Upper Basin
 - Lower Basin
- City wide systems
 - Upper Basin
 - Lower Basin



Legislative, Administrative, and Regulatory Recommendations

Task 8

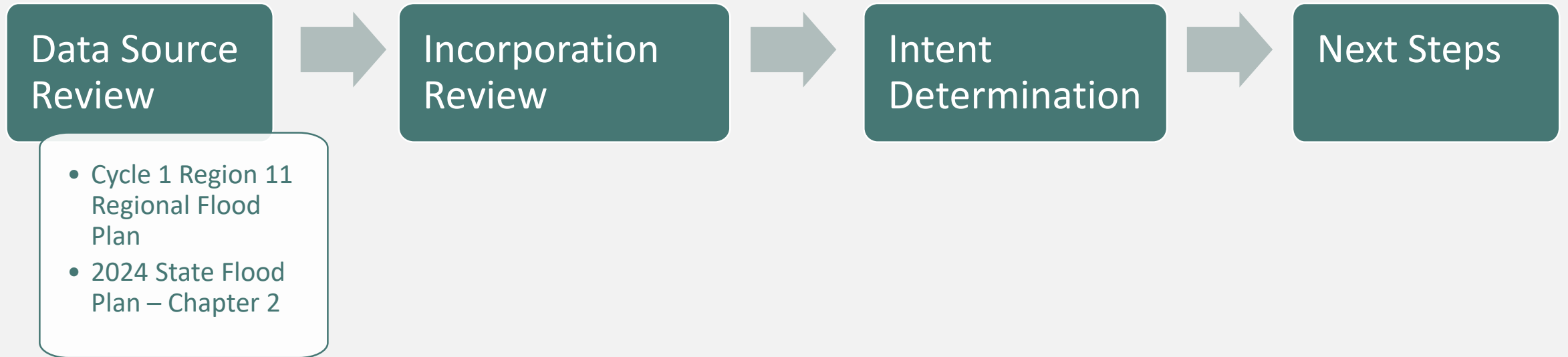
Task 8 Actions

Recommendations on policy issues related to floodplain management and flood mitigation planning and implementation

RFPGs may adopt:

- Legislative recommendations considered necessary to facilitate floodplain management and flood mitigation planning and implementation.
- Other regulatory or administrative recommendations considered necessary to facilitate floodplain management and flood mitigation planning and implementation.
- Any other recommendations that the RFPG believes are needed and desirable to achieve its regional flood mitigation and floodplain management goals.
- 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.

Recommendation Review



Legislative Recommendations

Incorporation
Review



Intent
Determination

ID	Recommendation	Implemented	Intent
8.1.1	Continue recurring biennial appropriations to Flood Infrastructure Fund (FIF) for Study, Strategy, and Project implementation.	Yes	Chapter 2 carries the same FIF/flood-funding concept, but broadens it to ongoing flood mitigation, planning, modeling, and mapping.
8.1.2	State adoption of higher flood standards, for example, establish a minimum floor elevation two feet above the base flood elevation to account for potential changes in future rainfall depths and flood elevations. Enact legislation updating the state building code to a more recent edition (e.g., the 2018 edition of the International Building Code and International Residential Code).	Yes	Chapter 2 splits this concept into statewide standards, statewide building codes, minimum freeboard, and IBC/IRC-related higher standards.
8.1.3	Promote, develop and allocate State funding to assist dam owners (public and private) with the costs associated with repair and maintenance of dams.	Yes	Chapter 2 specifically recommends assistance for public sponsors and private/other governmental dam owners, but broadens the scope to evaluation, repair, maintenance, and upgrade of dams.
8.1.4	Expand the ongoing program and funding to enhance flood early warning system implementation on a regional basis (especially in rural areas).	Yes	Both call for expanded regional flood early warning systems with emphasis on rural areas.

Legislative Recommendations

Incorporation
Review



Intent
Determination

ID	Recommendation	Implemented	Intent
8.1.5	Provide guidance and funding for buyout programs to remove repetitive loss structures and potentially convert flood prone neighborhoods into green space/parkland as an alternative to large-scale construction projects. Importantly, funding should consider factors other than benefit-to-cost ratio (BCR). Funding should continue and be expanded for both pre- and post-disaster buyout programs.	No	Chapter 2 contains related nature-based/open-space language, but it does not include a named recommendation on buyout programs or changing BCR treatment for buyouts.
8.1.6	Continue and expand funding to improve safety at low water crossings through structural improvements and/or flood warning systems or other enhanced safety measures.	Yes	Both call for funding to improve low water crossing safety through structural measures and flood warning.
8.1.7	Provide counties with the authority to require commercial outfitters, landowners, and parks to safely park recreational vehicles and recreational equipment outside of the floodplain. Develop and promote educational materials such as flood warning or evacuation planning to help guide businesses and parks.	Yes	Chapter 2 includes a broader recommendation to clarify county floodplain-management authority. The RV/outfitter/park-specific language and educational-material component are not repeated.
8.1.8	Provide funding to increase the number of conservation easements for riparian areas and land in the 100-year floodplains.	Yes	Chapter 2 recommends funding and incentives for nature-based solutions, open space, and floodplain preservation. It does not specifically call out conservation easements.

Legislative Recommendations

Incorporation
Review



Intent
Determination

ID	Recommendation	Implemented	Intent
8.1.9	Modify the enabling legislation for Green DeWitt Drainage District to allow them expand to watershed boundaries rather than political (Municipal or County) boundaries.	No	No specific recommendation addresses the Green DeWitt Drainage District or changing a drainage district's enabling legislation to watershed boundaries.
8.1.10	Modify CDBG-MIT funding rules to eliminate the need for an eligible recipient to sign a waiver to allow funding to pass down to sub-recipients if those sub-recipients are also eligible for funding.	No	No named Chapter 2 recommendation addresses CDBG-MIT pass-through waiver rules.
8.1.11	Clarify existing legislation (perhaps through issuing guidance or administrative rule) that provides counties the authority to regulate floodplains including development of land use plans and regulatory authorities such as permitting.	Yes	Chapter 2 expressly recommends clarifying counties' regulatory authority regarding floodplain management.

Administrative Recommendations

Incorporation
Review



Intent
Determination

ID	Recommendation	Implemented	Intent
8.2.1	Develop model ordinances for general law cities (building codes, Low Impact Design/Development, Green Infrastructure, other).	No	Chapter 2 addresses higher standards and nature-based solutions, but it does not include a named recommendation to develop model ordinances for general law cities.
8.2.2	Continue and expand funding to support ongoing education/training regarding floodplain management.	Yes	Chapter 2 recommends targeted technical assistance for floodplain-management activities and broader public flood education/outreach. It does not frame the action exactly as an ongoing training-funding program.
8.2.3	Modify the selection process for flood projects so that project selection is not scored or awarded only on a traditional benefit-cost ratio.	No	Figure 2-1 in Chapter 2 shows 'Improving benefit-cost analyses' as a recommendation theme, but Chapter 2 does not carry that theme into a named recommendation header or recommendation text.
8.2.4	Continue and increase funding and/or technical assistance to develop updated floodplain maps.	Yes	Chapter 2 recommends dedicated funding for flood risk modeling and mapping and targeted technical assistance, but it does not single out updated floodplain maps as a standalone recommendation.

Administrative Recommendations

Incorporation
Review



Intent
Determination

ID	Recommendation	Implemented	Intent
8.2.5	Develop a statewide database and tracking system to document flood-related fatalities and provide a public website/dashboard that conveys map-based statistical information regarding these fatalities.	No	No named Chapter 2 recommendation creates a statewide fatality database or dashboard.
8.2.6	Continue and increase funding for stream monitoring at high-risk flood prone areas.	Yes	Chapter 2 addresses flood early warning systems and flood sensors/related warning activities, but it does not use the narrower stream-monitoring wording.
8.2.7	Provide incentives to local governments to participate in the FEMA Community Rating System (CRS) program.	No	Figure 2-2 in Chapter 2 shows CRS participation as a floodplain-management theme, but Chapter 2 does not include a named recommendation offering incentives for CRS participation.
8.2.8	TWDB, TFMA, river authorities, and local governments should provide Green Infrastructure training to agencies, local governments, engineers, planners and encourage this practice in flood mitigation efforts.	Yes	Chapter 2 recommends funding/incentives for nature-based solutions and broader education/outreach. It does not establish a specific green-infrastructure training program.

Administrative Recommendations

Incorporation
Review



Intent
Determination

ID	Recommendation	Implemented	Intent
8.2.9	TWDB Flood Infrastructure Fund (FIF) project selection process should place additional emphasis on social vulnerability, sustainability, environmental resilience, etc. in addition to benefit cost analysis to guide the funding and implementation of multi-dimensional projects that can provide water supply and other benefits beyond flood mitigation.	No	No named Chapter 2 recommendation revises FIF scoring to emphasize social vulnerability, sustainability, environmental resilience, or multi-benefit/water-supply outcomes.
8.2.10	TWDB/TFMA or others should develop a riparian management guidance document that addresses vegetation management purpose, timing, and location within the floodplain and floodway.	No	Chapter 2 includes broad nature-based-solutions and asset-management guidance, but it does not include a named riparian/vegetation-management guidance recommendation.
8.2.11	Encourage cities and counties to exercise their existing authority to manage new and existing development, and fund projects to mitigate existing flooding.	Yes	Chapter 2 addresses local floodplain-management authority and encourages minimum floodplain-management practices. The R11 wording about funding local projects is not expressly repeated.
8.2.12	Encourage communities to work together to enhance program/project efforts to improve funding and implementation opportunities.	No	Figure 2-1 in Chapter 2 shows interjurisdictional collaboration as a recommendation theme, but Chapter 2 does not carry that theme into a named recommendation header or recommendation text for community collaboration.

Administrative Recommendations

Incorporation
Review



Intent
Determination

ID	Recommendation	Implemented	Intent
8.2.13	TWDB should work with FEMA and other regulatory agencies to develop a more effective way to measure/calculate flood damages including the number of structures, and financial cost of damages.	No	No named Chapter 2 recommendation addresses improved statewide flood-damage calculation methods.
8.2.14	TWDB should encourage communities to adopt best practice modeling, and model reporting practices.	No	Chapter 2 includes funding for modeling and mapping, but it does not include a named recommendation on best-practice modeling or model-reporting standards.
8.2.15	TWDB should leverage available state and federal programs to prioritize the preservation and restoration of natural or pre-development hydrology.	Yes	Chapter 2 recommends funding/incentives for nature-based solutions and preserving floodplain space for water. The R11 wording about pre-development hydrology is more specific.
8.2.16	TWDB should consider additional incentives to encourage the incorporation of nature-based solutions in flood mitigation projects.	Yes	Chapter 2 calls for funding and incentives for incorporating nature-based solutions.

Administrative Recommendations



ID	Recommendation	Implemented	Intent
8.2.17	TWDB should evaluate the potential to use ongoing research projects to develop and provide a future flood hazard dataset to the Regional Flood Planning Groups for use in the second planning cycle.	No	No named Chapter 2 recommendation calls for a future flood hazard dataset for the second planning cycle.
8.2.18	TWDB should review the list of critical facilities to determine if additional types (such as industrial facilities or superfund sites) should be included.	No	No named Chapter 2 recommendation revises the statewide critical-facilities list.
8.2.19	Review State-wide Flood Planning programs in other states to determine if there are any initiatives that would be appropriate to include in the Texas State Flood Planning process.	No	No named Chapter 2 recommendation calls for a review of other states' flood planning programs.

Regulatory Recommendations

Incorporation
Review



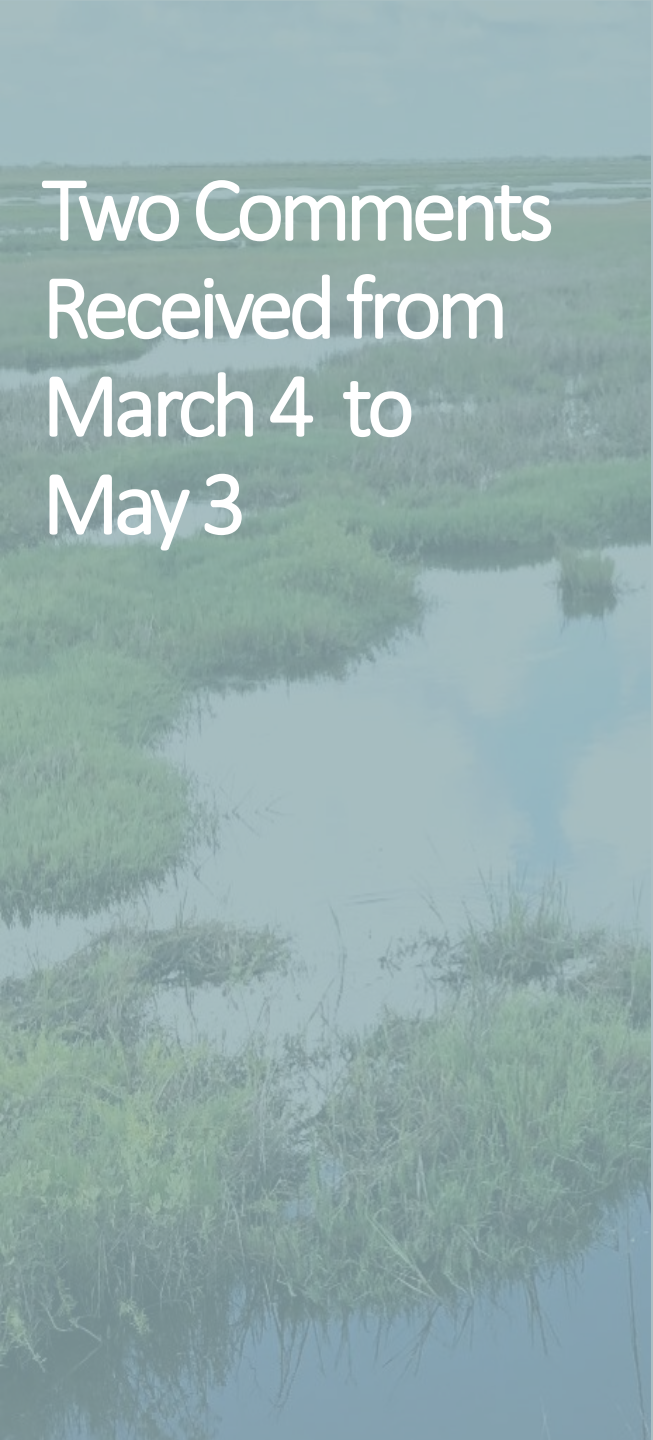
Intent
Determination

ID	Recommendation	Implemented	Intent
8.3.1	TxDOT design criteria should include stormwater detention requirements to not increase downstream flooding from new highway projects.	No	Chapter 2 addresses statewide infrastructure standards and TxDOT compliance with local standards. It does not specifically require detention for new highway projects.
8.3.2	Statewide detention and/or verification of no downstream impact from new development for design storms ranging from the 2-year to the 100-year storm.	Yes	Chapter 2 addresses statewide design standards, a broader range of storm-event frequencies, detention for new development, and limiting negative impacts. The wording is broader than R11's detention/no-downstream-impact formulation.
8.3.3	State should provide guidance and/or authority to local governments to manage proposed RV parks in the floodplain.	No	Chapter 2 includes broader local-authority language, but it does not include a named RV-park-specific guidance or authority recommendation.

The background image shows a vast, flat landscape with a large body of water in the foreground and middle ground. The water is a pale blue-grey color, reflecting the overcast sky. The surrounding land is covered in dense, green marsh vegetation, likely reeds or grasses. The horizon is flat and distant, with a few small structures or trees visible on the far side. The overall atmosphere is calm and natural.

Adoption of plan and public participation

Task 10



Two Comments
Received from
March 4 to
May 3

Two Public Comments Received Since March 3, 2026 via comments@guadalupefpg.org and One Public Comment Received at the RFPG Meeting on March 10, 2026

Topic	Comment
Email request from public official to keep them updated	Senator Donna Campbell's office requested to keep them updated on Guadalupe River Basin Flood Planning. The response noted the request and provided anticipated dates for the remaining RFPG meetings in 2026.
Email received from Hays County requesting supporting spatial data for FMEs and FMPs	On behalf of Hays County, HDR requested supporting spatial data for the FMEs and FMPs to avoid duplication of effort and provide clarity on the currently identified flood mitigation activities. HDR is working with Hays County on a Countywide Water Study. FNI provided the data.
At the March 10 RFPG meeting, a question was asked regarding ASRs recommended as FMPs	The City of Kyle representative asked why ASRs were not being recommended as FMPs. Several planning group members provided reasons why ASRs would not work.

Future meeting dates for 2026

- Tuesday, July 14, 2026 (9:00am)
- Tuesday, September 8, 2026 (9:00am)
- Tuesday, November 10, 2026 (9:00am)

Discussion of future meeting dates for 2027

Tentative Topics for future meetings

Agenda Item 12

Meeting	Milestones / Goals
July 2026	Task 5B Update Present Chapter 1 to RFPG Present Cycle 2 FMSs
September 2026	Task 5B Update Submit SOW for remaining 5B FMEs Submit Community Affirmation Forms Present Updated Cycle 1 FMEs
November 2026	Task 5B Update Potential Action to Recommend Chapters 7 & 8

Public general comments – limit 3 minutes per person

Agenda Item 13

Adjourn

Agenda Item 14