

Lower Colorado-Lavaca
**REGIONAL FLOOD
PLANNING GROUP**

REGION 10

July 18, 2022

Region 10 Lower Colorado-Lavaca RFPG

- 1. Call to Order**
- 2. Welcome**
- 3. Approval of minutes from the previous meeting**

Region 10 Lower Colorado-Lavaca Flood Planning Group Meeting
July 7, 2022
9:30 AM
Hybrid Meeting

Roll call:

Voting Member	Interest Category	Present (x) / Absent () Alternate Present (*)
Terry Been	<i>Agricultural interests</i>	X
Phillip Spenrath	<i>Counties</i>	X
Jason Ludwig	<i>Electric generating utilities</i>	X
Kirby Brown	<i>Environmental interests</i>	X
G. Nicholas "Nick" Textor	<i>Flood districts</i>	X
Brandon Klenzendorf	<i>Industries</i>	X
Matt Hollon	<i>Municipalities</i>	X
Frances Acuna	<i>Public</i>	X
Patrick Brzozowski	<i>River authorities</i>	* Scott Hartl X
Kelly Payne	<i>River authorities</i>	X
Ann Yakimovicz	<i>Small business</i>	X
Vacant	<i>Water districts</i>	
Hank Smith	<i>Water utilities</i>	X

Non-voting Member	Agency	Present (x) / Absent () Alternate Present (*)
Charles "CW" Schneider	<i>Texas Commission on Environmental Quality</i>	X
Lauren Mayes	<i>Texas Department of Agriculture</i>	X
Hollie Hischer	<i>Texas Division of Emergency Management</i>	
Shonda Mace	<i>Texas General Land Office</i>	X
Beth Bendik	<i>Texas Parks and Wildlife Department</i>	X
Allen Nash	<i>Texas State Soil and Water Conservation Board</i>	X
Tressa Olsen	<i>Texas Water Development Board</i>	X
Mark Vogler	<i>Region 8 – Lower Brazos Liaison</i>	X
Chuck Brown	<i>Region 9 – Upper Colorado Liaison</i>	
Ronald G. Fieseler	<i>Region 11 – Guadalupe Liaison</i>	X
Cara Tackett	<i>Region 12 – San Antonio Liaison</i>	

Quorum:

Quorum: **Yes**

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

Number required for quorum per current voting membership of 12: **7**

Other Meeting Attendees: **

**Meeting attendee names were gathered from those who entered information for joining the Zoom meeting or signed in at the meeting location.

Tressa Olsen – TWDB
 James Bronikowski - TWDB
 Morgan White – Freese & Nichols
 Cris Parker – HDR
 Jennifer Bassett – LCRA
 Lauren Graber - LCRA

Cindy Engelhardt – Halff Associates, Inc.
 Mike Personett – Halff Associates, Inc
 Jay Scanlon, Freese & Nichols
 Karen Ford – WaterPR
 Steve Dean
 Nick Kincaid

Annette Keaveny – LCRA
Marcin Tyszka – LCRA

Sanjay Negi
Augusto Villalon

All meeting materials are available for the public at:
www.lowercoloradolavacafood.org/meetings

Agenda:

1) Call to Order

Chair Spenrath called the meeting to order at 9:30 AM CDT. 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) Welcome

Chair Spenrath welcomed members and other attendees to the meeting.

3) Approval of minutes from the previous meeting

The draft meeting minutes of June 9th were reviewed. Kelly Payne offered proposed corrections to the minutes submitted by Beth Bendik of the Texas Parks & Wildlife Dept. to incorporate her comments regarding minimizing impacts to streams for FMXs at road crossings.

Kirby Brown moved to approve the minutes as amended, seconded by Jason Ludwig. The motion passed by a vote of 12-0.

4) Public comments– limit 3 minutes per person

Chair Spenrath called for public comments.

No public comments were given.

5) TWDB Update

Tressa Olsen reported that a TWDB newsletter was sent out on June 29th and has a lot of good information including no negative impact requirements for FMEs and FMPs, some public comment requirements for the draft regional flood plans and an update to mileage reimbursement rates for RFPG travel starting July 1st. TWDB also sent an email outlining the requirements for the upcoming draft submissions. Please contact Tressa if you have any questions or concerns.

6) Update from RFPG liaisons

Ron Fieseler reported that Region 11 is meeting on July 27th to adopt the draft chapters for their plan.

Ann Yakimovicz reported that Region 9 met yesterday and is moving forward on completing their draft plan. They will hold four public meetings to cover their region starting on Sept 15th. They have 128 FMEs, eight FMPs and 139 FMSs. They do not have good flood mapping coverage in their region.

Kirby Brown reported that San Antonio Region 12 meeting will be held July 14th. They are wrapping up their FMXs and will be ready to move forward. Several public outreach meetings were held with only 3-5 members of the general public attending.

7) Update from the Planning Group Sponsor

Lauren Graber gave an update on the following items:

- The process to fill the vacant water district position created by Kacey Paul's resignation has begun, including all the required notifications soliciting nominations. Lauren reminded the RFPG that they can nominate someone, and that the deadline is 5PM Friday, July 29th. The Executive Committee will meet on August 24th to discuss which candidate to recommend to the full group.
- Today, the RFPG will need to elect a new vice chair for the full planning group and replace Kacey on the technical committee.

8) Consider nominating and electing RFPG Vice Chair

a. Nominations for Vice Chair by members

b. Discussion and consider taking action to elect Vice Chair

Chair Spenrath explained that due to Kacey Paul's resignation, we need to elect a new Vice Chair to finish out her unexpired term. Chair Spenrath described the process and rules to elect an officer and the duties of the vice chair, per the RFPG bylaws.

After discussion, Matt Hollon nominated and made a motion for Ann Yakimovicz to serve as Vice Chair of the RFPG, seconded by Kelly Payne. The motion passed by a vote of 12-0.

9) Discussion, nominations, and possible action to elect a member to serve on the Technical Committee

Chair Spenrath explained that due to Kacey Paul's resignation, we need to elect a new member to serve on the Technical Committee. This committee meets frequently and reviews very detailed information on behalf of the RFPG.

After discussion, Matt Hollon nominated and made a motion for Kirby Brown to serve on the Technical Committee, seconded by Brandon Klenzendorf. The motion passed by a vote of 12-0.

10) Discussion and potential action to approve mileage expenses for reimbursement

Lauren Graber presented the latest voting member mileage expenses for reimbursement. Kelly Payne moved to approve the mileage expenses, seconded by Ann Yakimovicz. The motion passed by a vote of 12-0.

11) Discussion and potential action regarding administrative expenses to be submitted to the Texas Water Development Board for reimbursement

Lauren Graber presented the latest administrative expenses for reimbursement. Ann Yakimovicz moved to approve the administrative expenses, seconded by Kirby Brown. The motion passed by a vote of 12-0.

12) Update from the Technical Committee

Kelly Payne reported that since the last RFPG meeting, the Technical Committee met on June 16th and June 30th and, along with our technical consultants, worked systematically through the one-page summaries offering suggestions to improve the summaries and understand the projects. While not perfect, the summaries are in a good place. The one-page summaries are our attempt to make the data that will be submitted to the TWDB in

tabular form more accessible and understandable for the public reviewing the Regional Flood Plan.

The Technical Committee will recommend that the RFPG consider approving the seven additional FMEs, one additional FMP and two additional FMSs, subject to non-substantive changes and refinements.

The Technical Committee will have another batch of FMXs to review on Monday, July 11th and will bring recommendations to the RFPG on July 18th. These FMXs will serve as the backbone to Chapter 5 of our Regional Flood Plan.

With the departure of Kacey as our Vice Chair, the Technical Committee elected Brandon Klenzendorf as the new Vice Chair at the June 30th meeting. Kelly welcomed Kirby Brown to the Technical Committee.

Lastly, there is an item on the agenda later today requesting an additional assignment for the Technical Committee to perform on behalf of the RFPG. This item will be discussed in more detail in Agenda Item 18.

13) Technical Consultant presentations and discussions related to regional flood planning

a) Look-ahead

b) Project status

- i) Public and stakeholder engagement strategies update**
- ii) Updates on regional flood plan tasks 1-10**
- iii) Task 3 – Review and discuss Flood Mitigation and Floodplain Management Goals**
- iv) Task 5 – Review and discuss draft summaries for Flood Management Strategies, Flood Management Evaluations, and Flood Mitigation Projects**
- v) Task 6 – Review and discuss draft Administrative, Regulatory, and Legislative Recommendations**
- vi) Task 9 – Review and discuss draft Flood Infrastructure Financing Analysis**
- vii) Task 12 – Review and discuss performing draft Flood Management Evaluation for additional Flood Mitigation Projects**
- viii) Next Steps**

Mike Personett (Halff Associates, Inc.), Karen Ford (Water PR), and Jay Scanlon (FNI) provided updates, briefings, and discussion on the project status and look-ahead.

Planning group members asked questions and made comments during the presentation. The following items include highlights of the discussion during this agenda item.

The second draft iteration of the Regional Flood Plan will be provided for RFPG consideration on July 18th and RFP Draft iteration #3 will be submitted to the TWDB by August 1st. Substantive changes in any part of the document should be addressed on July 18th.

Paper copies of the Draft Regional Flood Plan will be available at locations throughout the region, potentially including public libraries or county courthouses. Final details will be announced soon.

Kirby complimented the team on the great work they have done on the Draft Regional Water Plan.

The TWDB will be sending out new guidance on printed Draft RFP copies soon.

Frances Acuna voiced concerns with the public having an easy ability to provide comments on the zoom call during the public meeting on September 15th. The format for the meeting was discussed, and Karen will assist any attendees with submitting comments.

Mike Personett discussed the process and limitations for making changes to the Draft Regional Flood Plan once submitted to TWDB. He encouraged individual members of the planning group to submit comments as early as possible. A portal will be created on the planning group website where the RFPG can accumulate all of the comments. Written comments at the open houses will be entered into the system and will be logged and tracked. These comments will then be assigned to the consultants to develop responses.

Beth Bendik commented that she appreciated the addition in 8.2.9 about green and nature-based projects being encouraged. Beth asked about conflicting aspects within the description of channel improvements and ecological uplift. Beth suggests adding another paragraph to include channel restorations in the plan.

Matt Hollon stressed the importance of the executive summary.

Cindy Engelhardt recommends getting all comments to the consultants by July 15th to be integrated into the draft plan. Other non-substantive revisions submitted after July 15th can be addressed in iteration #3 that goes to the TWDB on August 1st.

Kirby Brown commented that on item 8.1.8, the RFPG may want to include language to manage, protect, and restore sensitive stream corridors particularly in ag and rural areas. The General Land Office (GLO) is working on the coastal zone master plan and may want to reference in the draft Regional Flood Plan.

Kelly Payne mentioned that postings for the next meeting will have a short time to review. He encouraged members not to wait for the next draft but to continue reviewing the current draft for editorial comments.

Ann Yakimovicz mentioned that Chapter 3 had a tremendous amount of information in the maps to make it clearer to people that we do have flood risks all over the basin. Ann suggested maps to be displayed for the open houses.

Mike Personett agreed with Ann's recommendation to include map board displays at the open houses and also with Matt Hollon regarding the executive summary. Mike mentioned that the executive summary will be limited to 20 pages.

Mike suggested having a lessons-learned session with the RFPG.

Beth Bendik questioned the Devers Creek Regional Detention and Channel Improvements one-pager and mentioned that it is not clear what exactly they are proposing to do and whether it is off channel detention or on channel. From an ecological standpoint, the TPWD prefers off channel. For some of these one-pagers you just cannot get an idea of the ecological impacts because it is so brief.

Jay Scanlon stated a lot of these questions regarding the FMEs will be addressed during the studies the FMEs are proposing to perform.

Matt Hollon and Frances Acuna are proposing an FME to find the locations of communities with high social vulnerability and high flood risk to inform on areas for potential future study and project development.

Kirby Brown recommends softening the language of Chapter 8. We are recommending the legislature to look at this, and we need to give the legislature broad opportunities to openly discuss.

Draft Chapter 9 recommends the role of the state in providing financing be expanded.

Matt Hollon stated that state funding will not cover the plan costs and that additional funding is critical.

Jay Scanlon reviewed the criteria for performing FMEs for additional FMPs to be included in the plan for July 2023. Preliminary list contains 12 FMEs that might be doable, with the overall effort to be discussed on July 18th.

14) Discussion and potential action on recommendations regarding Task 3 – Flood Mitigation and Floodplain Management Practices

After discussion, Chair Spenrath moved to approve Chapter 3 – Flood Mitigation and Floodplain Management Practices, subject to non-substantive changes and refinements, seconded by Kelly Payne. A roll call vote was taken, and the motion passed by a vote of 12-0.

Matt Hollon suggested an amendment to Chapter 3, page 12, Amendment #2 eliminate impervious cover limitations and replace it with no adverse impact standards.

After discussion, Hank Smith and Matt Hollon recommended to copy municipalities bullet and change to RFPG recommends counties in their subdivision platting process. Text would read as:

RFPG recommends counties in Region 10 explicitly consider flood hazards, floodplain management, and stream corridor protection in their subdivision platting process.

After discussion, Matt Hollon made a motion to approve the two amendments to the recommended Chapter 3 – Flood Mitigation and Floodplain Management Practices, subject to non-substantive changes and refinements, seconded by Kelly Payne. A roll call vote was taken, and the motion passed by a vote of 12-0.

15) Discussion and potential action on recommendations regarding Task 5 – FMEs, FMSs, and FMPs

After discussion, Kelly Payne moved to recommend seven additional FMEs, one additional FMP and two additional FMSs that were recommended by the Technical Committee, subject to non-substantive changes and refinements, seconded by Matt Hollon. A roll call vote was taken, and the motion passed by a vote of 12-0.

16) Discussion and potential action regarding Chapter 8 – Administrative, Regulatory and Legislative Recommendations

Kelly Payne made the following comments on Chapter 8:

Reword Item 8.1.2 to read – “TWDB should investigate legal impediments and potential legislative or other remedies to the use of local government funds for the elevation and/or floodproofing of structures at-risk of severe flooding.”

Reword Item 8.1.7 to read – “Establish and fund a state program to assist counties and cities with assessing and prioritizing low water crossings. Funding should also be provided on a cost-sharing basis to implement structural and/or not-structural flood risk reduction measures at high-risk, low water crossings. Furthermore, the design of improvements to roadway crossings to reduce flood risk should fully consider potential environmental impact and consider measures to minimize impacts particularly to aquatic ecosystems and the plant and animal species that depend on those ecosystems.”

Reword Item 8.2.3 to read – Revise scoring criteria for funding associates with stormwater and flood-related projects that benefit agricultural and rural areas. (as amended by Kirby Brown during the meeting and accepted by Kelly)

Consider removing Item 8.2.8 from the list of recommendations.

Kirby Brown commented on item 8.1.8 and asked to include language to manage, protect, and restore stream corridors particularly in ag and rural areas.

Matt Hollon commented that 8.3.3 has a typo and probably should be included in the recommendation.

After discussion, Kelly Payne moved to approve Chapter 8 – Administrative, Regulatory and Legislative Recommendations, as amended, subject to non-substantive changes and refinements, seconded by Kirby Brown. A roll call vote was taken, and the motion passed by a vote of 12-0.

17) Discussion and potential action on recommendations regarding Task 9 – Flood Infrastructure Financing Analysis

After discussion, Kirby Brown moved to recommend Chapter 9 – Flood Infrastructure Financing Analysis, subject to non-substantive changes and refinements, seconded by Ann Yakimovicz. A roll call vote was taken, and the motion passed by a vote of 12-0.

18) Discussion and potential action to direct the Technical Committee to make recommendations to the RFPG regarding Task 12 – Perform Identified Flood Management Evaluations, Identify, Evaluate, and Recommend Additional Flood Mitigation Projects

After discussion, Kelly Payne made a motion for the Technical Committee to review the materials prepared by the consultants and make recommendations to the RFPG regarding Task 12, seconded by Matt Hollon. The motion passed by a vote of 12-0.

19) Public comments – limit 3 minutes per person

Chair Spenrath called for public comments.

No public comments were given.

Francis Acuna left the meeting during agenda item 19.

20) Consider date and agenda items for next meeting

After general discussion, Chair Phillip Spenrath concluded that the next meeting will be held on Monday, July 18, 2022 @ 9:30 AM CDT at which time we will adopt the Draft Regional Flood Plan and authorize the consultants to submit the draft plan to the Texas Water Development Board prior to the Aug 1st deadline.

The next Technical Committee Meeting will be held Monday, July 11th at 9:00AM CDT.

21) Adjourn

Kelly Payne made a motion to adjourn, seconded by Kirby Brown. The motion passed 11-0 and the meeting was adjourned at 12:01 PM CDT by Chair Phillip Spenrath.

*Approved by the Lower Colorado-Lavaca RFPG at a meeting held on **DATE**.*

Kelly Payne, SECRETARY

Phillip Spenrath, CHAIR

Region 10 Lower Colorado-Lavaca RFPG

- 4. Public comments – limit 3 minutes per person**
- 5. TWDB Update**
- 6. Update from RFPG liaisons**
- 7. Update from Planning Group Sponsor**

Region 10 Lower Colorado-Lavaca RFPG

8. Discussion and potential action to approve mileage expenses for reimbursement

Date of Meeting	Description	Total Mileage	Per Mile Rate	Total
July 7, 2022	Region 10 RFPG Meeting – Spenrath	295	\$0.625	\$184.38
Approved Budget	Travel Cost Previously Approved	Cumulative Travel Cost	Balance	
\$16,000.00	\$853.56	\$1,037.94	\$14,962.07	

Region 10 Lower Colorado-Lavaca RFPG

9. Update from the Technical Committee

10. Technical Consultant presentations and discussions related to regional flood planning

a. Look-ahead calendar

b. Project status

- i. Public and stakeholder engagement strategies update
- ii. Updates on regional flood plan tasks 1-10 including review and discussion of the Draft Regional Flood Plan
- iii. Task 5 – Review and discuss draft summaries for Flood Management Strategies, Flood Management Evaluations, and Flood Mitigation Projects
- iv. Task 12 – Review and discuss performing draft Flood Management Evaluations for additional Flood Mitigation Projects
- v. Next Steps



LOWER COLORADO – LAVACA
REGIONAL FLOOD PLAN
A TEXAS INITIATIVE

REGIONAL FLOOD PLANNING GROUP MEETING | JULY 18, 2022



AGENDA

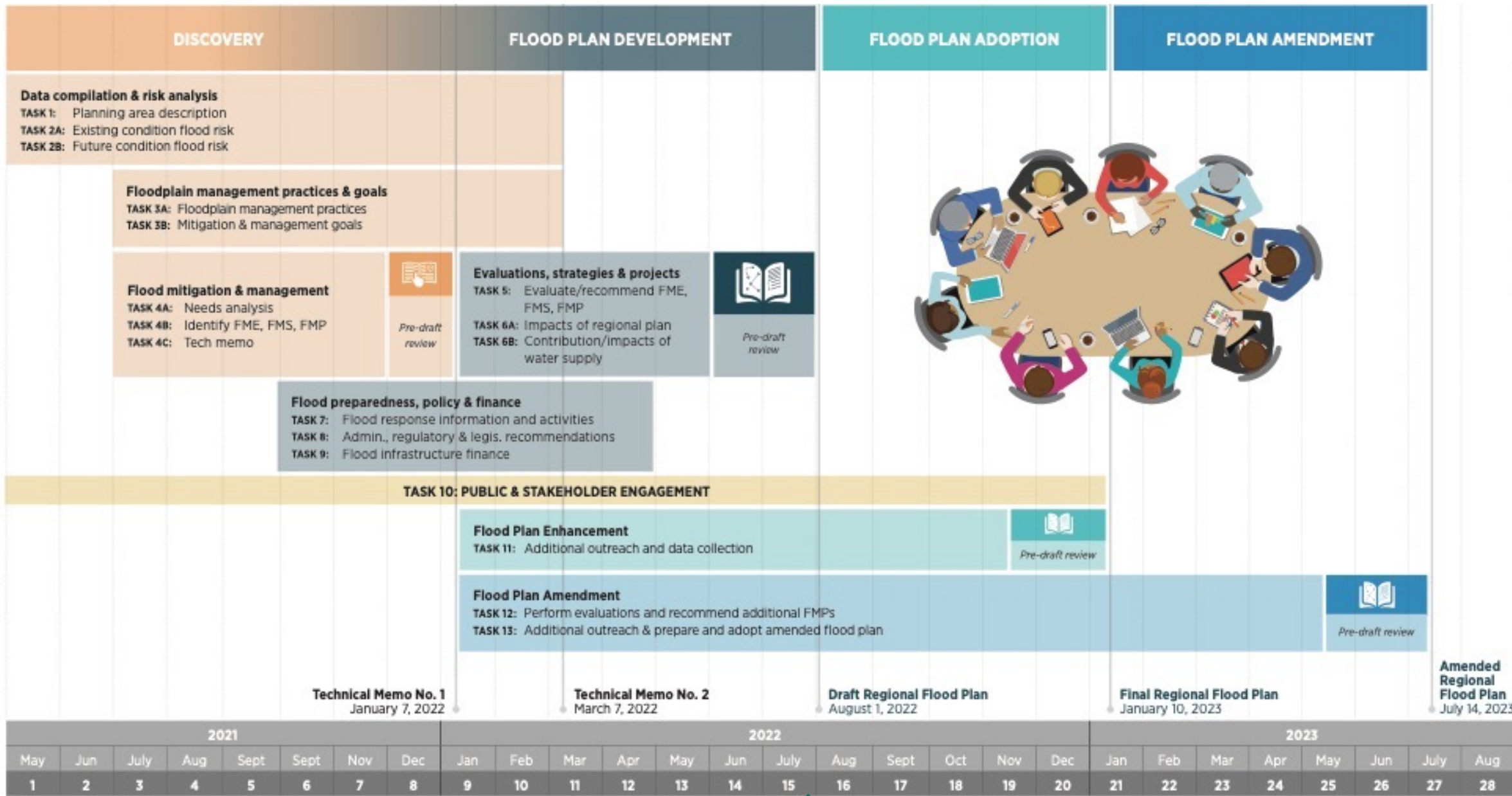
Look-Ahead

Project Status

- Task 10: Public and Stakeholder Engagement
- Task 5: Presentation and discussion of a Flood Management Evaluation (FME) for inclusion in the draft Regional Flood Plan (Agenda Item No. 11)
- Discussion of draft Regional Flood Plan (Agenda Item No. 12)
- Task 12: Discussion of preliminary recommendations regarding FMEs to be further evaluated and developed



Look-Ahead



2022 RFPG MEETINGS THROUGH SEPTEMBER 2022

July

Adopted draft Regional Flood Plan and approve submittal to TWDB by August 1, 2022

August

- 8/4/22 RFPG meeting – no meeting

September

- 9/1/22 RFPG meeting - no meeting
- 9/6/22 Technical Committee meeting
- 9/15/22 RFPG meeting:
 - “Official” public meeting to accept comments on the draft Regional Flood Plan
 - Three open houses

2022 RFPG MEETINGS – THROUGH SEPTEMBER 2022

October – January 2023

- Public comment period closes – October 15th
- Technical Consultant to prepare responses to comments and identify/propose revisions to the draft RFPG
- Review comments, responses and proposed revisions with RFPG – November 7 and December 1 RFPG meetings
- Adopt Lower Colorado-Lavaca Regional Flood Plan – January 5, 2023
- Submit adopted Regional Flood Plan to TWDB on or before January 10, 2023

And Beyond...

- Plan amendment phase
- Amended Regional Flood Plan due July 14, 2023



Public Outreach and Engagement

TASK 10 – PUBLIC OUTREACH & ENGAGEMENT



PLAN for PUBLIC COMMENT PERIOD on DRAFT Regional Flood Plan (RFP)

- Public Comment Period: Aug 1 – Oct 15, 2022
- 9/15 RFPG Meeting for Public Comment
- Open House meetings (3)
 - 9/13 – Lavaca River basin: LNRA headquarters office, 5:30-7pm
 - 9/21 – Lower basin: Wharton County Courthouse;
 - Tbd – Upper basin: City of Llano
- Hard copy distribution:
 - TWDB Requirement: 3 publicly accessible locations
 - Our Plan: 20 copies, current distribution
 - Lower Basin (2)
 - Lavaca Basin (1)
 - Mid-Basin (7)
 - Upper-Basin (4)
 - TWDB (2)
 - Open House Copies (2)



Preliminary Draft REGIONAL FLOOD PLAN

PRELIMINARY DRAFT REGIONAL FLOOD PLAN

Regional Flood Plan Components	Status
Executive Summary	Complete
Chapter 1 – Planning Area Description	Complete
Chapter 2 – Existing and Future Condition Flood Risk Analysis	Complete
Chapter 3 – Flood Mitigation and Floodplain Management Goals	Complete
Chapter 4 – Flood Mitigation Needs Analysis (Task 4A complete)	Complete
Chapter 5 – Recommendation of Flood Management Evaluations and Flood Management Strategies and Associated Flood Mitigation Projects	Complete with RFPG approval of additional FMXs (Agenda Item No. 11)
Chapter 6 – Impacts of Regional Plan and Contributions to and Impacts on Water Supply Development and the State Water Plan	Complete
Chapter 7 – Flood Response Information and Activities	Complete
Chapter 8 – Administrative, Regulatory, and Legislative Recommendations	Complete
Chapter 9 – Flood Infrastructure Financing Analysis	Complete
Chapter 10 – Public Participation and Plan Adoption	Partially complete. Remainder of chapter after public comment period on draft RFP.
Appendices	Substantially complete



Task 5

Recommendation of Studies (FME), Strategies (FMS)
and Associated Projects (FMP)

FLOOD MITIGATION ACTIONS: FMX BATCH 7

Flood Management Evaluation (FME) STUDY

Title Identify and Assess Flood Risk and Potential Mitigation Solutions for High SVI Communities **ID#** 101000194

Sponsor (note if City or County) Lower Colorado-Lavaca RFPG **Commitment** Yes No

Study Type

Emergency preparedness Floodplain modeling, mapping and risk assessment Feasibility study Preliminary project engineering

Other

Problem Area

City Multiple TBD **County** Multiple TBD

Watershed name(s) Multiple TBD

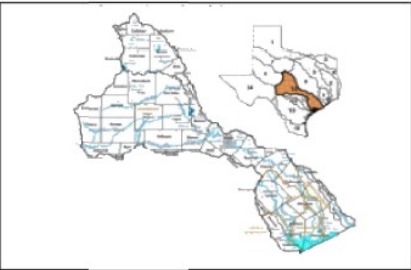
Tributary(ies)

HUC#(s) **Stream miles (est.)**

Drainage area: square miles, est. **or acreage, est.**

Social Vulnerability Index (SVI) Minimum 0.75 for each problem area (SVI score 0.0 indicates least vulnerable; 1.0 indicates most vulnerable.)

Other Watershed study



Flood Risk Description

The Lower Colorado-Lavaca Regional Flood Planning Area has a large number of structures mapped to be at risk. Some of these areas are in socially vulnerable communities, which are disproportionately affected by flood impacts. Those with limited means are much more challenged to recover from flood losses and often cannot afford flood insurance to mitigate these losses. For a number of reasons, the residents of these communities may be less likely to notify their local authorities of the flooding problems and losses they have suffered. This means that many of these flood problem areas are under-reported and/or entirely unknown to their respective municipal and county governments. This combination of deeper vulnerability and lack of attention calls for an effort to proactively seek out these communities to more fully assess and document their flood risk, consider potential solutions, and lay out a path to implement feasible and appropriate solutions.

Other RFPG Goals (no room yet in Related Goals box below): 5.1 Reduce the number of structures and critical infrastructure that are at high risk of repetitive loss through property/lease acquisition, relocations, floodproofing and/or elevation. 6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects.

Population at risk TBD **Structures at risk** TBD **Critical facilities at risk (number)** TBD

Farm/Ranch land impacted (acres) TBD **Roadway(s) impacted (miles)** TBD

Scope of Study

This FME will conduct a technical study to identify high-priority flood problem areas in high social vulnerability index (SVI) locations throughout the Lower Colorado-Lavaca Regional Flood Planning Area (Region 10). Potential study areas will be identified using available data, assessing flood risk, exposure, and vulnerability. Available data includes the "floodplain quilt" developed for this Regional Flood Plan along with other available geospatial data (e.g., building footprints and Social Vulnerability Index). The study would rank the resulting flood problem areas by severity and develop feasibility-level solutions for the highest priority areas, generally those with a combination of the greatest flood risk/exposure and solution feasibility. This information would be shared with the corresponding municipal and county governments to consider sponsor solution implementation. TWDB funds are scored on a needs-based scale, which would help these projects secure grant or low-interest loan funding, thus making the projects more feasible and thus helping these vulnerable populations reduce their flood risk.

Related Goal(s)

Regional and State Flood Plan Guidance Principles ask that regional and state flood plans "focus on: identifying both current and future flood risks, including hazard, exposure, vulnerability and residual risks" and that they "consider protection of vulnerable populations." 5.1 Reduce the number of structures and critical

Estimated Study Cost

Cost \$150,000 **Potential funding source(s)** FEMA Cooperating Technical Partners (CTP) Program, TWDB FFF, local funds

FMEv2_051922



Task 12

Perform FMEs

TASK 12 – PERFORM FMEs FOR ADDITIONAL FMPs

TWDB Requirements

Objective:

- “Perform” identified FMEs to recommended additional FMPs
 - Evaluate flood risks in areas with limited data
 - Evaluate flood risk reduction solutions
 - Preliminary engineering

Requirements:

- RFPG must approve list of FMEs to be performed and any additional FMPs to be evaluated and recommended
- Must adhere to Task 4B/5 requirements
- Revise and re-submit relevant data deliverables and RFP chapters
- Results/recommendations to be included in the Amended Regional Flood Plan (due 7/14/23)

TASK 12 – PERFORM FMEs FOR ADDITIONAL FMPs

TWDB Requirements

Task 12 Recommended FMEs to be Performed

7/11/2022

Action Number	Action Name	County	Sponsor	Source (Type)	Task 12 Rec
101000043	Edison & Creek Street	Gillespie	Fredericksburg	Drainage Master Plan	
101000051	Bob White Trail	Gillespie	Fredericksburg	Drainage Master Plan	
101000053	N Edison Low Water Crossing	Gillespie	Fredericksburg	Drainage Master Plan	
101000054	Schubert Low Water Crossing	Gillespie	Fredericksburg	Drainage Master Plan	
101000116	Whitman Branch Bypass; Oak Ridge Drive Creek	Burnet	Marble Falls	Hazard Mitigation Plan	
101000165	Whitman Branch Regional Detention Pond	Burnet	Marble Falls	Flood Protection Planning Study	
101000166	Ave J Bridge Replacement	Burnet	Marble Falls	Staff	
101000167	Broadway Street at Whitman Branch Low Water Crossing	Burnet	Marble Falls	Staff	
101000027	FM 812 at Little Alum Creek	Bastrop	Bastrop Co.	Flood Protection Planning Study	
101000028	FM 812 at Alum Creek South	Bastrop	Bastrop Co.	Flood Protection Planning Study	
101000102	Piney Creek Benching	Bastrop	Bastrop Co.	Flood Protection Planning Study	
101000125	Alum Creek - Tributary 8, Bowie Drive	Bastrop	Bastrop Co.	Flood Protection Planning Study	
101000189	Wastewater Treatment Plant Floodproofing	Jackson	Edna	Hazard Mitigation Plan	



Wrap Up

Region 10 Lower Colorado-Lavaca RFPG

11. Discussion and potential action on recommendations regarding Task 5 - FMEs, FMSs, and FMPs

**See summaries file for details*

12. Discussion and potential action to adopt the Draft Regional Flood Plan and approve submittal of the Draft Regional Flood Plan to the Texas Water Development Board on or before August 1, 2022

Region 10 Lower Colorado-Lavaca RFPG

- 13. Discussion and potential action on recommendations regarding Task 12 – Perform Identified Flood Management Evaluations, Identify, Evaluate, and Recommend Additional Flood Mitigation Projects**

Region 10 Lower Colorado-Lavaca RFPG

14. Public comments – limit 3 minutes per person

15. Consider date and agenda items for next meeting

16. Adjourn