

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

REGION 10

**Technical Committee Meeting
September 6, 2022**

Region 10 Lower Colorado-Lavaca RFPG Technical Committee Meeting

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

Region 10 Lower Colorado-Lavaca Flood Planning Group
Technical Committee
July 11, 2022
9:00 AM
Hybrid Meeting

Roll call:

Voting Member	Role	Present (x) /Absent () Alternate Present (*)
Kelly Payne	Chair	X
Brandon Klenzendorf	Vice Chair	X
Ann Yakimovicz	Secretary	X
Matt Hollon	Member	X
Kirby Brown	Member	X joined 9:07 am

Quorum:

Quorum: **Yes**

Number of voting members or alternates representing voting members present: **4 at start, 5 after 9:07 am**

Number required for quorum per current voting membership of 5: **3**

Other Meeting Attendees: **

**Meeting attendee names were gathered from those who entered information for joining the Zoom meeting.

Tressa Olsen – TWDB	Mike Personett - Half Associates
Jennifer Bassett – LCRA	Jay Scanlon - Freese & Nichols
Lauren Graber – LCRA	Cris Parker - HDR
Annette Keaveny – LCRA	Karen Ford - Water PR
Marcin Tyszka – LCRA	Pat Brzozowski

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

Agenda:

1) Call to Order

Kelly Payne called the meeting to order at 9:01 AM CDT. A roll call of the technical committee members was taken to record attendance and a quorum was established prior to calling the meeting to order.

2) Welcome

Kelly Payne welcomed members and other attendees to the meeting.

3) Approval of minutes from the previous meeting

The draft meeting minutes were reviewed. Kelly Payne offered an amendment clarifying the description of work performed by Matt Hollon and Frances Acuna regarding a new proposed FME. Matt Hollon moved to approve the minutes as amended, seconded by Ann Yakimovicz. The motion passed by a vote of four to zero.

Kirby Brown joined the meeting. Kelly Payne welcomed Kirby Brown as the new Technical Committee member, filling the vacancy left by Kacey Paul's resignation.

4) Public comments– limit 3 minutes per person

Kelly Payne called for public comments. No comments were made.

5) Task 5 - Presentation, discussion, and possible action regarding recommended Flood Management Evaluations and Strategies and Flood Mitigation Projects

Mike Personett presented Batch 6, the new FME, which proposes a deeper dive across the region to identify communities that are high risk, high SVI with little resiliency, and to gain a better understanding of the risk and potential solutions. Brandon Klenzendorf suggested replacing the area map with the map 1.13 in Chapter 1, or similar, with enough granularity to illustrate SVI.

Matt Hollon moved to recommend this FME, subject to non-substantive changes and refinements, be forwarded to the full RFPG for action. Brandon Klenzendorf seconded the motion. The motion passed by a vote of five to zero.

6) Task 12 - Presentation, discussion, and possible action regarding recommendations to perform identified Flood Management Evaluations; or to identify, evaluate, and recommend additional Flood Mitigation Projects

Jay Scanlon presented the list of twelve potential FMEs that could be developed further and moved to FMP status with additional work performed by the technical consultants in Task 12. The twelve FMEs selected by the technical consultants were low water crossing projects with previously identified preferred alternatives and with H&H models available for No Adverse Impact analysis. The technical consultants' goal was to propose the maximum number of studies possible to complete within the given budget.

Kelly Payne asked whether the floodproofing for the wastewater treatment plant in Edna or any other projects elsewhere in the region might be good studies to include. The twelve projects under discussion are all in the lower Colorado River basin. Kelly suggested we need to consider some projects in the Lavaca basin. Patrick Brzozowski stated his support for including the Edna wastewater treatment plant.

Ann Yakimovicz commented that the map for FME No. 10100043 shows an early version of the study area, outlined with a narrow red line and requested this be changed to the yellow line now being used in the other FMX forms.

Kelly Payne moved to recommend this list of FMEs, plus FME No. 101000189, Edna WWTP, subject to non-substantive changes and refinements, be forwarded to the full

RFPG for action. Matt Hollon seconded the motion. The motion passed with a vote of five to zero.

7) Public comments – limit 3 minutes per person

Kelly Payne called for public comments. No public comments were made.

8) Consider date and agenda items for next meeting

Kelly Payne opened discussion to consider the date and agenda items for the next meeting.

After general discussion, Kelly Payne concluded that the next meeting will tentatively be held on September 6 at 2:00 CDT.

9) Adjourn

Matt Hollon made a motion to adjourn, seconded by Ann Yakimovicz. The motion passed five to zero. The meeting was adjourned at 9:47 AM CDT by Kelly Payne.

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

Ann Yakimovicz, SECRETARY

Kelly Payne, CHAIR

Region 10 Lower Colorado-Lavaca RFPG Technical Committee Meeting

- 4. Public comments – limit 3 minutes per person**
- 5. Task 12 - Presentation, discussion, and possible action regarding recommendations to perform identified Flood Management Evaluations, identify, evaluate, and recommend additional Flood Mitigation Projects**



LOWER COLORADO – LAVACA
REGIONAL FLOOD PLAN
A TEXAS INITIATIVE

RFPG 10 TECHNICAL COMMITTEE | SEPTEMBER 6, 2022





Task 12

Perform Identified Flood Management Evaluations

Identify, Evaluate, and Recommend Additional Flood
Mitigation Projects

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

Criteria and Considerations for FME Selection

- FME categorized as “Preliminary Engineering”
- H&H models available if needed (e.g., analysis of potential adverse impact)
- Structures/populations at risk
- High risk/exposure low-water-crossings (e.g., depth of inundation, traffic count)
- Critical facilities at risk
- Level-of-effort (cost) to perform FME relative to available budget
- Sponsor concurrence

TASK 12 – PERFORM FMEs FOR ADDITIONAL FMPs

Criteria and Considerations for FME Selection

Potential Scope of Work for Selected FMEs:

- Data Collection / Site visits
- Update hydrologic and hydraulic modeling (e.g., Atlas 14 rainfall, LiDAR)
- Update alternatives analysis and/or preliminary design of improvements
- Analyze flood risk reduction benefits
- Verify no adverse impacts
- Develop/update cost estimates
- Conduct cost-benefit analysis
- Evaluate potential constraints (environmental, utility conflicts, right-of-way needs, and constructability)
- Prepare documentation of RFPG action and for inclusion in Amended Regional Flood Plan

NEXT STEPS

- **Today** - Discussion and receive input from Technical Committee
- **September 15 RFPG meeting** – Present, discuss, and request approval of recommended list of FMEs to be performed
- Amend sub-subconsultant contracts
- Initiate work
- Report progress at future RFPG and Technical Committee meetings
- RFPG consideration/approval of recommendations
- Incorporate results and recommendations into the Amended Regional Flood Plan – Spring 2023


TASK 12 – PERFORM FMEs FOR ADDITIONAL FMPs

Preliminary List Approved by RFPG July 18th

FME ID Number	FME Title	County	Sponsor
101000043	Edison & Creek Street	Gillespie	Fredericksburg
101000051	Bob White Trail	Gillespie	Fredericksburg
101000053	North Edison Low Water Crossing	Gillespie	Fredericksburg
101000054	Schubert Low Water Crossing	Gillespie	Fredericksburg
101000116	Whitman Branch Bypass; Oak Ridge Drive Creek	Burnet	Marble Falls
101000165	Whitman Branch Regional Detention Pond	Burnet	Marble Falls
101000166	Ave J Bridge Replacement	Burnet	Marble Falls
101000167	Broadway Street at Whitman Branch Low Water Crossing	Burnet	Marble Falls
101000027	FM 812 at Little Alum Creek	Bastrop	Bastrop Co.
101000028	FM 812 at Alum Creek South	Bastrop	Bastrop Co.
101000102	Piney Creek Benching	Bastrop	Bastrop Co.
101000125	Alum Creek - Tributary 8, Bowie Drive	Bastrop	Bastrop Co.
101000189	Wastewater Treatment Plant Floodproofing	Jackson	Edna

TASK 12 – PERFORM FMEs FOR ADDITIONAL FMPs

Recommended FMEs to be Performed

FME ID Number	FME Title	County	Sponsor	Estimated Study Cost	Recommended (Yes/No)	Recommended Study Cost
101000043	Edison & Creek Street	Gillespie	Fredericksburg	\$49,000	Yes	\$49,000
101000051	Bob White Trail	Gillespie	Fredericksburg	\$49,000		
101000053	North Edison Low Water Crossing	Gillespie	Fredericksburg	\$60,000		
101000054	Schubert Low Water Crossing	Gillespie	Fredericksburg	\$57,000		
 101000035 (FMP)	Creek Street at Barons Creek	Gillespie	Fredericksburg	\$60,000	Yes	\$60,000
101000116 & 101000165	Whitman Branch Bypass; Oak Ridge Dr Creek, including Detention	Burnet	Marble Falls	\$89,000	Yes	\$89,000
101000166	Ave J Bridge Replacement	Burnet	Marble Falls	\$61,000		
101000167	Broadway Street at Whitman Branch Low Water Crossing	Burnet	Marble Falls	\$62,000	Yes	\$62,000
101000027	FM 812 at Little Alum Creek	Bastrop	Bastrop Co.	\$86,000	Yes	\$86,000
101000028	FM 812 at Alum Creek South	Bastrop	Bastrop Co.	\$86,000		
101000102	Piney Creek Benching	Bastrop	Bastrop Co.	\$88,000	Yes	\$88,000
101000125	Alum Creek - Tributary 8, Bowie Drive	Bastrop	Bastrop Co.			
101000189	Wastewater Treatment Plant Floodproofing	Jackson	Edna	\$66,000	Yes	\$66,000
Totals				\$813,000		\$500,000



Wrap Up

Region 10 Lower Colorado-Lavaca RFPG Technical Committee Meeting

- 6. Public comments– limit 3 minutes per person**
- 7. Consider date and agenda items for next meeting**
- 8. Adjourn**