

Public Meeting Notice

Region 9 – Upper Colorado Regional Flood Planning Group

September 14, 2022

6:05 PM CST

Notice is hereby given of a regular meeting of the Region 9 – Upper Colorado Regional Flood Planning Group to be held September 14, 2022 at 6:05 PM at the Tom Green County Stephens Central Library – Suzanne & Joel Sugg Community Room – 3rd Floor, 33 W. Beauregard Ave., San Angelo, Texas, for the purpose of considering the following agenda items. Masks and social distancing recommended for in-person meeting.

Phone participation is available for public and non-voting representatives by the conference call information:

Call In: (325) 326-0870

Passcode / ID: 570 673 473#

The Meeting Agenda and the Agenda Packet are posted online at

<https://www.cosatx.us/departments-services/water-utilities/region-9-upper-colorado-flood-planning-region>

A recording of the meeting will be available to the public in accordance with the Open Meetings Act upon written request.

Members of the public may also submit Public Comment on agenda items by sending their written comments via email to allison.strube@cosatx.us or rfgp9.lance@gmail.com by noon September 13, 2022. The subject line must be in the following format: "Public Comment, [item number] – September 14, 2022." All emails must include your name and address. Please note all Public Comment emails relevant to posted agenda items received by the deadline will be published as part of the agenda packet prior to the meeting and are therefore public record.

Agenda:

1. Call to Order
2. Welcome
3. Public comments – limit 3 minutes per person
4. Approval of minutes from the previous meeting.
5. Texas Water Development Board Update
6. Sponsoring agency update from City of San Angelo
7. Technical Consultant Update
 - a. Presentation of the Draft Regional Flood Plan
 - b. Accept Public Comments on the Draft Regional Flood Plan
 - c. Review any previously submitted public comments
 - d. Additional Funding: Review recommendations for utilizing the additional allocated funds for data collection and prioritizing FMEs and FMSs for evaluation and conversion to FMPs for inclusion in the Amended Upper Colorado Regional Flood Plan.
8. Discussion and direction regarding Water Utilities interest category representative
9. Public comments – limit 3 minutes per person
10. Consider date and agenda items for next meeting
11. Adjourn

Additional information may be obtained from:

Allison Strube

allison.strube@cosatx.us

301 W. Beauregard Ave.,

San Angelo, TX 76903

Public Meeting Notice

Region 9 – Upper Colorado Regional Flood Planning Group

July 6, 2022

10:00 AM CST

Meeting held In person at McNease Convention Center – North Meeting Room, 501 Rio Concho Drive, San Angelo, Texas. Additionally, participation was available via conference call at (325) 326-0870.

Roll Call:

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (x) / Absent () / Alternate Present (*)</u>
Kenneth Dierschke	<i>Agricultural interests</i>	X
Rick Bacon	<i>Counties</i>	X
Henryk Alexander Olstowski	<i>Electric generating utilities</i>	X
Shannon McMillan	<i>Environmental interests</i>	X
Vacant	<i>Flood districts</i>	
Morse Haynes	<i>Industries</i>	
Lance Overstreet	<i>Municipalities</i>	
David H. Loyd Jr.	<i>Public</i>	X
Scott McWilliams	<i>River authorities</i>	
Chuck Brown	<i>Small business</i>	X
Cole D. Walker	<i>Water districts</i>	X - Virtual
Allison Strube	<i>Water utilities</i>	X

<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent() / Alternate Present (*)</u>
John McEachern	Texas Parks and Wildlife Department	X-Virtual
Tim Frere	Texas Division of Emergency Management	
Lauren Mayse	Texas Department of Agriculture	X-Virtual
Ben Wilde	Texas State Soil and Water Conservation Board	
Jet Hays	General Land Office	X-Virtual
Tressa Olsen	Texas Water Development Board (TWDB)	X
Winona Henry	Texas Commission on Environmental Quality	
Anna Yakimovicz	Region 10 Liaison	X-Virtual

Others Present:

James Bronikowski – TWDB: In-Person
Paula Jo Lemonds – HDR (Consultant): In-Person
Heather Keister – Freese & Nichols (Consultant): Virtual
Emily Daniel – HDR (Consultant): In-Person
Scott Rushing – HALFF (Consultant): Virtual
Wade Barns – Freese & Nichols (Consultant): In-person

Quorum:

Quorum: **Yes**

Number of voting members or alternates representing voting members present: 7 + (1 – virtual)

Number required for quorum per current voting positions of 12: 7

Meeting agendas, packets, information and recordings are available at the link

<https://www.cosatx.us/departments-services/water-utilities/region-9-upper-colorado-flood-planning-region>

- **AGENDA ITEM NO. 1: Call to Order**
Chair Strube called the meeting to order at 10:01 AM CST. A roll call of the planning group members was taken to record attendance, and a quorum was established prior to proceeding with the agenda.
- **AGENDA ITEM NO. 2: Welcome, Meeting Facilitation Information and Instructions**
- **AGENDA ITEM NO. 3: Public Comments**
No Public Comments were made during this item.
- **AGENDA ITEM NO. 4: Approval of minutes from previous meeting**
Motion by Commissioner Rick Bacon and seconded by Shannon McMillan. Motion passed unanimously.
- **AGENDA ITEM NO. 5: TWDB Update**
Tressa Olsen with TWDB updated the group to reference a previously sent newsletter and be sure to use the checklist as the guide for submitting the draft plan. Tressa also introduced James Bronikowski.
- **AGENDA ITEM NO. 6: Sponsor agency update from the City of San Angelo Provided by chair Allison Strube**
Chair Strube stated there were no major updates at this time. Chair Strube just stated they have been administering the contract by paying HDR for their work to point in the plan.
- **AGENDA ITEM NO. 7: Discussion and possible action on Consultant Team planning tasks: (a) Presentation on Chapter 4 – Assessment and identification of flood mitigation needs; (b) Presentation on Chapter 5 – Recommendation of flood management evaluations and flood management strategies and associated flood mitigation projects; (c) Presentation on Chapter 6 – Impact and contribution of the regional flood plan; (d) Presentation on Chapter 9 – Flood infrastructure financing analysis; (e) Stakeholder outreach updates; (f) Presentation on Regional Flood Plan development updates, schedule, and next steps**

Paula Jo Lemonds provided an overview of Chapter 4, 5, 6, and 9. A draft of these chapters were provided to the group in the background material to the agenda. Paula Jo Lemonds completed the item with a presentation covering schedule and next steps for the process. For the next steps it was discussed to have a public hearing in mid-September (September 14th was discussed as an option). It was also discussed to have the physical copies of the plan for public comment and viewing at San Angelo, Midland, Andrews, and Brownfield.

- **AGENDA ITEM NO. 8: Consider the approval of identified FMEs, FMSs, and FMPs**
Motion was made by Rick Bacon and seconded by Chuck Brown to approve the identified FMEs.
Motion was made by Shannon McMillan and seconded by Rick Bacon to approve the identified FMPs.
Motion was made by Allison Strube and seconded by Shannon McMillan to approve the identified FMSs.
All motions passed unanimously.
- **AGENDA ITEM NO. 9: Consider adopting the draft Regional Flood Plan and authorize the City of San Angelo to submit the plan to the Texas Water Development Board**
Motion by Kenneth Dierschke and seconded by Chuck Brown to adopt the draft plan and authorize the City of San Angelo to submit. Motion passed unanimously.
- **AGENDA ITEM NO. 10: Consider approval of holding draft Regional Flood Plan hearing and authorize City of San Angelo to post public notice**
Motion by Shannon McMillan and seconded by Rick Bacon. Motion passed unanimously.
- **AGENDA ITEM NO. 11: Public Comments**
No Public Comments were made during this item.
- **AGENDA ITEM NO. 12: Consider Date and Agenda Items for Next Meeting**
Meeting was attentively set for September 14, 2022 at 6:00PM.
- **AGENDA ITEM NO. 13: Adjourn**
Motion by Kenneth Dierschke and seconded by Henryk Olstowski. Motion passed unanimously. Meeting was adjourned at 11:06 AM CST.

Approved by the Region 9 Upper Colorado RFPG at a meeting held on September 14, 2022.

Lance Overstreet, SECRETARY

Allison Strube, CHAIR



Upper Colorado Regional Flood Plan

Draft Regional Flood Plan
Agenda Item No. 7a



September 14, 2022

Draft Regional Flood Plan

- Submitted before August 1st deadline
- Notice of administrative completeness by TWDB
- Hard copies located:
 - City of San Angelo - City Hall Annex
 - Brownfield Municipal Building
 - Andrews Municipal Building
 - Midland City Hall
- Electronic version available:
 - <https://www.cosatx.us/departments-services/water-utilities/region-9-upper-colorado-flood-planning-region>



Draft 2023 Upper Colorado Regional Flood Plan

August 1, 2022

This report is released for review purposes only on August 1, 2022, by HDR Engineering, Inc., 1917 S 67th Street, Omaha, NE 68106-2973, Texas Board of Professional Engineers and Land Surveyors Registered Firm F-754, Texas Board of Professional Geoscientists Firm No. 50226. It is not to be used for any other purpose.

Draft Regional Flood Plan

- Chapter 1. Planning Area Description
- Chapter 2. Flood Risk Analyses
- Chapter 3. Floodplain Management Practices and Flood Protection Goals
- Chapter 4. Assessment and Identification of Flood Mitigation Needs

Draft 2023 Upper Colorado Regional Flood Plan

August 2022

Prepared for Upper Colorado Regional Flood Planning Group

Administered by Upper Colorado Regional Flood Planning Group Sponsor



Prepared by



Draft Regional Flood Plan

- Chapter 5. Recommendation of Flood Management Actions
- Chapter 6. Impact and Contribution of the Regional Flood Plan
- Chapter 7. Flood Response Information and Activities
- Chapter 8. Administrative, Regulatory, and Legislative Recommendations
- Chapter 9. Flood Infrastructure Financing Analysis
- Chapter 10. Adoption of Plan and Public Participation

Draft 2023 Upper Colorado Regional Flood Plan

August 2022

Upper Colorado Regional Flood Planning Group

Voting Members	Non-Voting Members
Kenneth Dierschke <i>Agriculture</i>	John McEachern <i>Texas Parks and Wildlife</i>
Rick Bacon (At-Large) <i>Counties</i>	Tim Frere <i>Texas Division of Emergency Management</i>
Henryk Olstowski <i>Electric Generating Utilities</i>	Larissa Place <i>Texas Department of Agriculture</i>
Shannon McMillan <i>Environmental</i>	Ben Wilde <i>Texas State Soil and Water Conservation Board</i>
Morse Haynes <i>Industries</i>	Jet Hays <i>General Land Office</i>
Lance Overstreet, PE (Secretary) <i>Municipalities</i>	Tressa Olsen <i>Texas Water Development Board</i>
David H. Loyd Jr., PhD <i>Public</i>	Winona Henry <i>Abilene, Texas Commission on Environmental Quality</i>
Scott McWilliams, PG <i>River Authorities</i>	Anne Yakimovicz <i>Lower Colorado River Authority</i>
Chuck Brown (Vice-Chairman) <i>Small Business</i>	
Cole D. Walker, PE <i>Water Districts</i>	
Allison Strube, PE (Chairman) <i>Water Utilities</i>	

Plan Development Schedule

TWDB Working Schedule Current UCRFPG Responsibilities

Working Conceptual Schedule** First Cycle of Regional Flood Planning

As of December 2020



Item	Entity	Activity	Planning SOW Task #	2020			2021												2022					2023															
				Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May				
18	TWDB	Issue Notice-to-Proceed on Task 5																																					
20	RFPG	Recommendation of FMEs, FMSs, and FMPs	5																																				
21	RFPG	Impacts of Regional Flood Plan	6A																																				
22	RFPG	Contributions to and Impacts on Water Supply Development and the State Water Plan	6B																																				
23	RFPG	Flood Response Information and Activities	7																																				
24	RFPG	Administrative, Regulatory, and Legislative Recommendations	8																																				
25	RFPG	Flood Infrastructure Financing Analysis	9																																				
26	RFPG	Preparation and Submission of Draft RFP to the TWDB	10																																				
27	RFPG	Public Input on Draft RFP	10																																				
28	TWDB	TWDB Review and Comment on the Draft RFP																																					
29	RFPG	Incorporate TWDB & Public Input into Final RFP	10																																				
30	RFPG	Adopt and Submit the 2023 RFP to the TWDB	All																																				(DUE JAN 10, 2023)

Flood Plan Development Schedule

Timeframe	TWDB Flood Plan Scope of Work Tasks/Actions
✓ July	Draft Flood Plan Refinements
✓ August 1, 2022	Draft Flood Plan Submitted to TWDB
September 14, 2022	Public Comment Meeting
January 10, 2023	Final Flood Plan Submitted to TWDB
July 14, 2023	Amended Flood Plan Submitted to TWDB



Upper Colorado Regional Flood Plan

Additional Funding
Agenda Item No. 7d



September 14, 2022

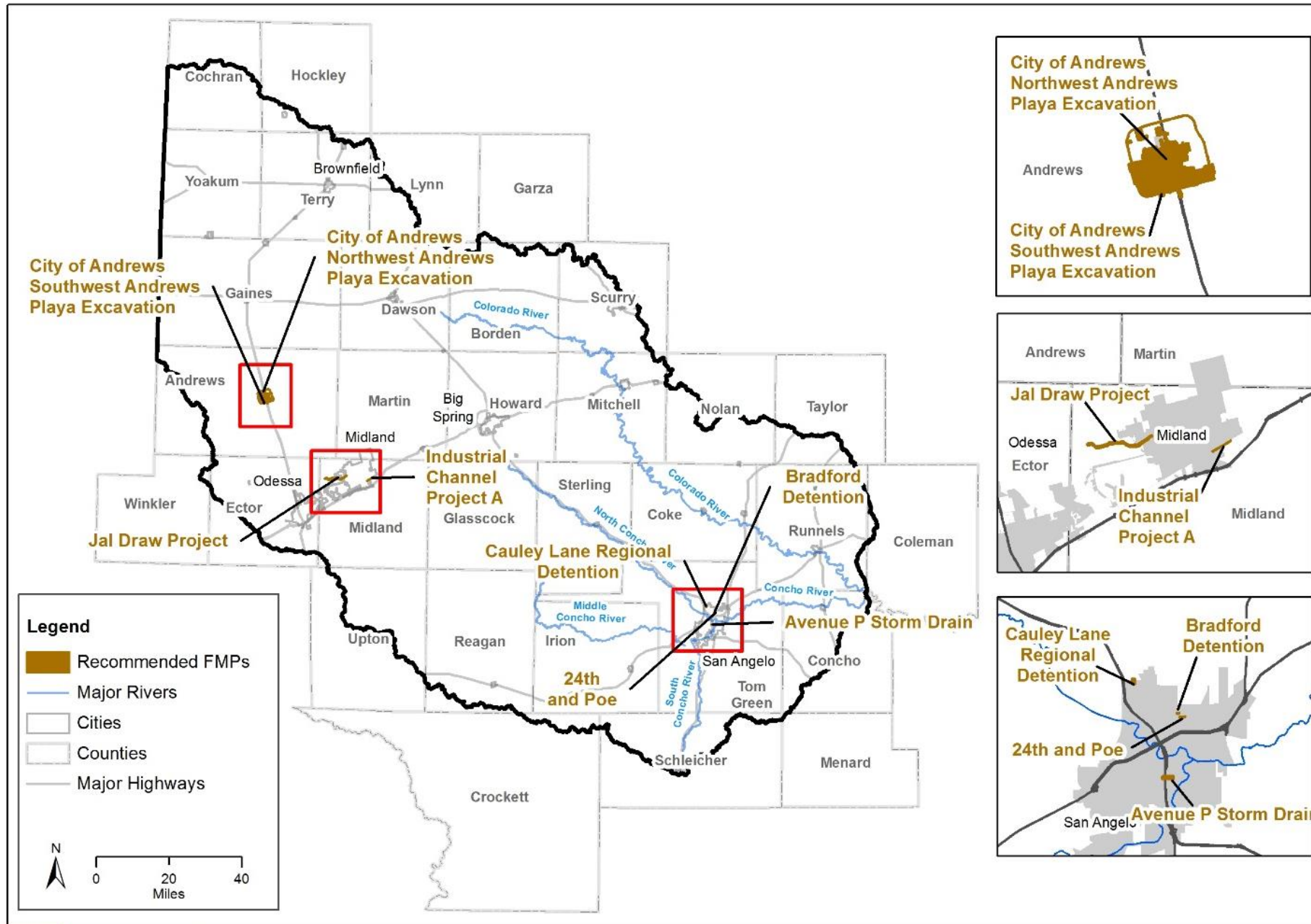
Task 12 – Additional Funding

- Review recommendations for utilizing the additional allocated funds for data collection and prioritizing FMEs for evaluation and conversion to FMPs for inclusion in the Amended Upper Colorado Regional Flood Plan.
- Planning Group – Approve list of FMEs to be performed and additional FMPs to be identified, evaluated, and recommended under this task.

Current FMPs

Flood Mitigation Project (FMP) Type	Number of FMPs Identified
Flood Mitigation Project – Non-Structural: Early Warning System	0
Flood Mitigation Project – Structural: Regional Improvements	8
Flood Mitigation Project – Non-Structural: Infrastructure (buyout program)	0
Total	8

Flood Mitigation Project (FMP) Type	Non-construction Costs	Construction Related Costs	Total Estimated Cost
Avenue P Storm Drain	\$50,000	\$2,388,000	\$2,438,000
Jal Draw Project	\$50,000	\$4,200,000	\$4,250,000
Industrial Channel Project A	\$100,000	\$1,120,000	\$1,220,000
Cauley Lane Regional Detention	\$386,115	\$6,400,000	\$6,786,115
Bradford Detention	\$117,590	\$5,200,000	\$5,317,590
24th and Poe	\$0	\$2,400,000	\$2,400,000
City of Andrews Southwest Andrews Playa Excavation	\$0	\$840,000	\$2,914,000
City of Andrews Northwest Andrews Playa Excavation	\$0	\$2,914,000	\$838,000
Total	\$703,705	\$25,462,000	\$26,163,705



Task 12 FME Prioritization

- TWDB Task 12 allocation: \$377,400
- FME Prioritization
 - Existing FMEs
 - New FMEs can be considered

Potential FMEs for Further Evaluation

FME ID	FME Name	Description	County	Sponsor
091000035	Ector County Stormwater Contaminant Study	Conduct a study to determine pollutant levels in County areas nearby sewer system for level of contaminants before and after a flood event.	Ector	Ector County
091000097	Taylor County Dam Inspection Program	Annual dam inspection, partner with SWCD to help fund repairs and maintenance, partner with property owners to report new damage or erosion, and patrol for illegal dumping at dams.	Taylor	Taylor County
091000110	Upper Colorado Warning System Outreach and Study	Basin-wide Study Program: Improve on Warning signs, lights, or systems.	all	Upper Colorado RFPG
091000010	City of Loraine Kindred St Detention Project	Identify scope of detention project on Kindred Street. Offsite detention and property buyout required in order to handle runoff from culvert project identification on Kinder Street. Implement the most cost-effective solution to reduce or eliminate flooding	Mitchell	City of Loraine
091000116	Butler Farms Bridge	Provide access to Butler Farms subdivision through construction of a bridge structure on Foster Road as well as construction of a secondary access to the subdivision	Tom Green	City of San Angelo
091000117	Southwest Blvd Channel Widening	Widen channel from just upstream of Loop 306 to just downstream of Southwest Blvd. Install storm drain line in Southwest Blvd.	Tom Green	City of San Angelo
091000124	MI4F Playa Detention	The project consists of elevating the outlet elevation from approximately 2843 to 2847 by constructing a berm embankment approximately 600 feet in length. The project also includes one (1) 6' x 4' RCBC outlet pipe. The outlet will extend approximately 2,*	Midland	City of Midland
091000125	North Fork Red Arroyo Detention	8 ac and 12 ac regional detention basins	Tom Green	City of San Angelo
091000126	Pecan and 3rd Street	2.1 ac regional detention. intersection and downstream channel improvements	Tom Green	City of San Angelo
091000127	Spaulding St Storm Drain	Raise Spaulding St. at East Angelo Draw by 5.4 feet and install (4) 9 x 8' box culverts under Spaulding; raise Bell St. at East Angelo Draw by 2.4 feet and install (4) 9 x8' culverts.	Tom Green	City of San Angelo
091000128	City of San Angelo 400 Block of E. 14th St. Buyout	This area floods homes during heavy rainfall. Demo existing building and convert to park area.	Tom Green	City of San Angelo

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091000128	City of San Angelo 400 Block of E. 14th St. Buyout	This area floods homes during heavy rainfall. Demo existing building and convert to park area.	Tom Green	City of San Angelo
n/a	Several	2D Hydraulic Model to advance 2 to 3 FMEs to FMPs (Draft model begun.)	Tom Green	City of San Angelo

Suggested Actions

- Consider approval of the use of additional allocated funds to:
- Complete the evaluation of selected FMEs for potential inclusion as FMPs in the Amended Upper Colorado Flood Plan.

Questions



Definitions

- **Flood Management Evaluation (FME):** a proposed flood study of a specific, flood-prone area that is needed in order to assess flood risk and/or determine whether there are potentially feasible FMSs or FMPs.
- **Flood Mitigation Project (FMP):** a proposed project, either structural or non-structural, that has non-zero capital costs or other non-recurring cost and, when implemented, will reduce flood risk or mitigate flood hazards to life or property.
- **Flood Management Strategy (FMS):** a proposed plan to reduce flood risk or mitigate flood hazards to life or property.