

## **Appendix 8A**

### **Subcommittee 4 June 16, 2022, Meeting #1 Presentation Slides**

# Region 14 – Upper Rio Grande Regional Flood Plan

## Task 8: Legislative and Regulatory Recommendations

June 16, 2022

Virtual Workshop (for areas in City of El Paso and El Paso County)

# Meeting 1 Discussion Items

- Review TWDB Guidance for Task 8
- Discuss legislative recommendations concerning City of El Paso (COEP) and El Paso County (EPC)
- Discuss regulatory or administrative recommendations concerning COEP and EPC
- Discussion of any other recommendations concerning COEP and EPC
- Discuss recommendations for potential new revenue-raising opportunities in COEP and EPC
- Vote on Potential Subcommittee Recommendations to RFPG regarding COEP and EPC
- Discuss if there is a need to set another potential Subcommittee 4 meeting date

## Review TWDB Guidance for Task 8

This task includes developing in accordance with TWDB rules and guidance for floodplain management and flood mitigation planning/implementation:

1. Legislative recommendations.
2. Other regulatory or administrative recommendations.
3. Any other recommendations that the RFPG believes are needed and desirable to achieve its regional flood mitigation and floodplain management goals.
4. Recommendations regarding potential, new revenue-raising opportunities.

**Recommendations are to facilitate the following areas: (1) floodplain management, (2) flood mitigation planning, and (3) implementation of planning.**

# TWDB Definitions

1. **Floodplain management** – federal flood insurance program, development permitting
2. **Flood mitigation planning:**
  - identify and define risks;
  - identify, define, and evaluate alternatives; and
  - prioritize alternatives.
3. **Implementation of mitigation measures** – fund and implement

## Legislative Recommendations

- ❖ Floodplain Management
- ❖ Flood Mitigation Planning
- ❖ Implementation of Mitigation Measures

# Legislative Recommendations: Floodplain Management

What areas of concern or issues related to **floodplain management** are a priority that might be **addressed by changes to State Legislation**? Here's some topics that might be discussed

- Counties have difficulty funding drainage and stormwater infrastructure in unincorporated areas.
- The Harris County Road Law
- Interactions with FEMA, USIBWC
- Interactions with TDEM, TCEQ, TPWD, TXDOT
- Establishing a levee safety program similar to dams.

# Legislative Recommendations: Flood Mitigation Planning

What areas of concern or issues related to **flood mitigation planning** are a priority that might be **addressed by changes to State Legislation**? Here's some topics that might be discussed

a. identify and define risks

- Statewide support on early warning?
- Statewide support on post-flood high water marks? damage assessments?

b. identify, define, and evaluate alternatives

- Addressing risks with multi-agency components

c. prioritize alternatives

- Formalizing communication on priority projects to state agencies



# Legislative Recommendations: Implementation of Mitigation Measures

What areas of concern or issues related to **implementation of mitigation measures** are a priority that might be **addressed by changes to State Legislation**? Here's some topics that might be discussed:

Issues with administration of state funds

- Timing of state funds

State agency permitting needs

- TCEQ dam safety
- Historic preservation office
- Threatened species
- State rules restricting implementation?

# Regulatory or Administrative Recommendations

- ❖ Floodplain Management
- ❖ Flood Mitigation Planning
- ❖ Implementation of Mitigation Measures

# Regulatory or Administrative Recommendations: Floodplain Management

What areas of concern or issues related to **floodplain management** are a priority that might be **addressed by regulatory or administrative changes**? Here's some topics that might be discussed:

- State entities need to comply with local regulations, especially those that are more stringent than the State minimum criteria.
- Local and regional officials are often unaware of their authority to establish and enforce stormwater regulations.

# Regulatory or Administrative Recommendations: Floodplain Management

What areas of concern or issues related to **floodplain management** are a priority that might be **addressed by regulatory or administrative changes**? Here's some topics that might be discussed:

		Existing?		Preferred		Not needed
		design manual	regs	design manual	regs	
Development drainage req'ts						
	Timing of drainage study (state in note)					
	req'ts for H&H - rational method					
	req'ts for H&H - HEC-HMS					
	req'ts for H&H - HEC-RAS 1D					
	req'ts for H&H - HEC-RAS 2D					
	no rise in WSE at property boundary					
	no rise in WSE downstream of property boundary					
	detention requirements (summarize)					

# Regulatory or Administrative Recommendations: Floodplain Management

What areas of concern or issues related to **floodplain management** are a priority that might be **addressed by regulatory or administrative changes**? Here's some topics that might be discussed:

Issues experienced post-development	Describe impacts/ issues
	downstream impacts flooding
	downstream impacts erosion
	infrastructure maintenance issues
	ponds
	storm drains
	natural channels
	engineered channels
	dams

# Regulatory or Administrative Recommendations: Flood Mitigation Planning

What areas of concern or issues related to **flood mitigation planning** are a priority that might be **addressed by regulatory or administrative changes**? Here's some topics that might be discussed:

- Encourage entities to work together towards regional flood mitigation solutions; drainage does not recognize jurisdictional boundaries.
- Create a State/Federal government agency collaboration similar to TWICC (Texas Water Infrastructure Coordination Committee) for one-stop shop information on funding eligibility or technical assistance for entities facing drainage and flooding issues.
- A state-wide database/tracking system should be developed to document flood-related fatalities and injuries.

# Regulatory or Administrative Recommendations: Flood Mitigation Planning

What areas of concern or issues related to **flood mitigation planning** are a priority that might be **addressed by regulatory or administrative changes**? Here's some topics that might be discussed:

Existing planning	
	Documenting of historic events
	Availability of current floodplain maps?
	Early warning system?

Understanding of available funding sources (need training)
Expertise to prepare grants (need training)
Data requirements of grants (need data)

## Regulatory or Administrative Recommendations: Implementation of Mitigation Measures

What areas of concern or issues related to **implementation of mitigation measures** are a priority that might be **addressed by regulatory or administrative changes**?  
Here's some topics that might be discussed:

Expertise in grant administrative requirements

Regulatory programs with respect to (wrt) project implementation

- Federal (USACE, FEMA, USFWS)
- State (TWDB, TPWD, TCEQ, Water Districts [e.g. EPWID1], TSSWCB)
- Local (City of El Paso, El Paso County, Other incorporated [Vinton, Socorro, San Elizario, etc])

State entities need to comply with local regulations, especially those that are more stringent than the State minimum criteria.

Local and regional officials are often unaware of their authority to establish and enforce stormwater regulations.



## Regulatory or Administrative Recommendations: Implementation of Mitigation Measures

What areas of concern or issues related to **implementation of mitigation measures** are a priority that might be **addressed by regulatory or administrative changes**?  
Here's some topics that might be discussed:

State entities need to comply with local regulations, especially those that are more stringent than the State minimum criteria.

Local and regional officials are often unaware of their authority to establish and enforce stormwater regulations.

## **Any Other Flood Planning Recommendations**

- ❖ **Floodplain Management**
- ❖ **Flood Mitigation Planning**
- ❖ **Implementation of Mitigation Measures**

## Any Other Flood Planning Recommendations

Please share any feedback or recommendations for TWDB to consider to help improve the regional flood planning process during future planning cycles. Here's some topics that might be discussed:

- Request for additional outreach and publicity of the State Flood Plan and Regional Flood Planning efforts.
- Concern that amending the State/Regional Flood Plan will be an expensive and lengthy process for an entity to add new FMPs.
- Providing information about the functionality and deficiency of an entity's infrastructure requires extensive field work since most entities do not have these data readily available.

# Funding Opportunity Recommendations

## ➤ Federal funds

- FEMA Hazard Mitigation Funds
- HUD Small Business Administration Planning

## ➤ State Planning Funds

- Texas Water Development Board (TWDB)
- Texas General Land Office (GLO)
- Texas State Soil and Water Conservation Board (TSSWCB)

## ➤ Development Fees

## ➤ Utility Fees

## RFPG Action to Vote

- Vote on Potential Subcommittee Recommendations to RFPG regarding COEP and EPC (if needed)

## Future Subcommittee 4 Meetings

- Discuss if there is a need to set another potential Subcommittee 4 meeting date

**AECOM** Delivering a  
better world

## **Appendix 8B**

### **Subcommittee 4 June 16, 2022, Meeting #2 Presentation Slides**



# **Region 14 – Upper Rio Grande Regional Flood Plan**

## **Task 8: Legislative and Regulatory Recommendations**

**June 16, 2022**

**Virtual Workshop 2 (for areas outside of El Paso County)**

## Meeting 2 Discussion Items

- Review TWDB Guidance for Task 8
- Discuss legislative recommendations concerning counties outside of EPC
- Discuss regulatory or administrative recommendations concerning counties outside of EPC
- Discussion of any other recommendations concerning counties outside of EPC
- Discuss recommendations for potential new revenue-raising opportunities outside of EPC
- Vote on Potential Subcommittee Recommendations to RFPG regarding counties outside of EPC
- Discuss if there is a need to set another potential Subcommittee 4 meeting date

## Review TWDB Guidance for Task 8

This task includes developing in accordance with TWDB rules and guidance for floodplain management and flood mitigation planning/implementation:

1. Legislative recommendations.
2. Other regulatory or administrative recommendations.
3. Any other recommendations that the RFPG believes are needed and desirable to achieve its regional flood mitigation and floodplain management goals.
4. Recommendations regarding potential, new revenue-raising opportunities.

**Recommendations are to facilitate the following areas: (1) floodplain management, (2) flood mitigation planning, and (3) implementation of planning.**

# TWDB Definitions

1. **Floodplain management** – federal flood insurance program, development permitting
2. **Flood mitigation planning:**
  - identify and define risks;
  - identify, define, and evaluate alternatives; and
  - prioritize alternatives.
3. **Implementation of mitigation measures** – fund and implement

## Legislative Recommendations

- ❖ Floodplain Management
- ❖ Flood Mitigation Planning
- ❖ Implementation of Mitigation Measures

# Legislative Recommendations: Floodplain Management

What areas of concern or issues related to **floodplain management** are a priority of your city/county that might be **addressed by changes to State Legislation**? Here's feedback received from similar size entities:

- Counties have difficulty funding drainage and stormwater infrastructure in unincorporated areas.
- Privately-owned dams originally constructed in rural areas are now surrounded by increased development; these owners lack the resources to maintain, repair and upgrade the dam structures.
- Providing technical assistance and/or funding to update drainage criteria and development standards.
- Counties need the authority to regulate land use, especially in unincorporated and flood prone areas located downstream of dams.
- Establishing a levee safety program similar to dams.

# Legislative Recommendations: Flood Mitigation Planning

What areas of concern or issues related to **flood mitigation planning** are a priority of your city/county that might be **addressed by changes to State Legislation**? Here's feedback received from similar size entities:

- Several entities have outdated regulatory floodplain maps or no mapping at all (funding needed).
- Many communities do not have updated drainage master plans that reflect the growth of the area or uses updated rainfall data (funding needed).

# Legislative Recommendations: Implementation of Mitigation Measures

What areas of concern or issues related to **implementation of mitigation measures** are a priority of your city/county that might be **addressed by changes to State Legislation**? Here's feedback received from similar size entities:

- Strategies needed to increase opportunities for communities to apply for federal funding (i.e. FEMA BRIC Grant requires statewide building codes to improve application score).
- Allow Counties the opportunity to establish and collect stormwater/drainage utility fees in unincorporated areas.



# Regulatory or Administrative Recommendations

- ❖ Floodplain Management
- ❖ Flood Mitigation Planning
- ❖ Implementation of Mitigation Measures

# Regulatory or Administrative Recommendations: Floodplain Management

What areas of concern or issues related to **floodplain management** are a priority of your city/county that might be **addressed by regulatory or administrative changes**? Here's feedback received from similar size entities:

- State entities need to comply with local regulations, especially those that are more stringent than the State minimum criteria.
- Local and regional officials are often unaware of their authority to establish and enforce stormwater regulations.
- Entities should be allowed to regulate development in a responsible manner that reduces flood risk without being in fear of legal action by property owners.

## Regulatory or Administrative Recommendations: Flood Mitigation Planning and/or Implementation

What areas of concern or issues related to **flood mitigation planning and/or implementation** are a priority of your city/county that might be **addressed by regulatory or administrative changes**? Here's feedback received:

- Encourage entities to work together towards regional flood mitigation solutions; drainage does not recognize jurisdictional boundaries.
- Create a State/Federal government agency collaboration similar to TWICC (Texas Water Infrastructure Coordination Committee) for one-stop shop information on funding eligibility or technical assistance for entities facing drainage and flooding issues.
- A state-wide database/tracking system should be developed to document flood-related fatalities and injuries.
- Provide financial or technical assistance to smaller/rural jurisdictions since the Office of Rural Affairs/Texas Department of Rural Affairs was disbanded.
- Some communities decide to not pursue funding due to the management and reporting requirements.

## **Any Other Flood Planning Recommendations**

- ❖ **Floodplain Management**
- ❖ **Flood Mitigation Planning**
- ❖ **Implementation of Mitigation Measures**

## Any Other Flood Planning Recommendations

Please share any feedback or recommendations for TWDB to consider to help improve the regional flood planning process during future planning cycles. Here's feedback received from similar size entities:

- Request for additional outreach and publicity of the State Flood Plan and Regional Flood Planning efforts.
- Concern that amending the State/Regional Flood Plan will be an expensive and lengthy process for an entity to add new FMXs.
- Providing information about the functionality and deficiency of an entity's infrastructure requires extensive field work since most entities do not have this data readily available.

# Funding Opportunity Recommendations

## ➤ Federal funds

- FEMA Hazard Mitigation Funds
- HUD Small Business Administration Planning

## ➤ State Planning Funds

- Texas Water Development Board (TWDB)
- Texas General Land Office (GLO)
- Texas State Soil and Water Conservation Board (TSSWCB)

## ➤ Development Fees

## ➤ Utility Fees

## RFPG Action to Vote

- Vote on Potential Subcommittee Recommendations to RFPG regarding counties outside of EPC (if needed)

## Future Subcommittee 4 Meetings

- Discuss if there is a need to set another potential Subcommittee 4 meeting date



**AECOM** Delivering a  
better world

## **Appendix 9A**

### **Sponsor Funding Survey Questions**

# Upper Rio Grande Flood Planning Group (URGFPG) - facilitated by Rio Grande COG for El Paso

The URGFPG is asking for your help. Through the work of our technical consultant, AECOM, we have estimated scope and costs for flood-related studies, infrastructure projects, and strategies affecting your entity. We would greatly appreciate your feedback and confirmation on whether we can include your entity as a sponsor for the proposed flood improvement actions that we are planning to include in the Draft Upper Rio Grande Regional Flood Plan (Flood Plan), due to the Texas Water Development Board (TWDB) on August 1, 2022. The purpose of our work is to submit a list of Flood Mitigation Projects (FMPs), Flood Management Evaluations (FMEs), and Flood Management Strategies (FMSs) as part of our Flood Plan. If future funding opportunities are available through the state of Texas, as a prerequisite to apply for the funding, your project or study must be included in the Regional Flood Plan.

Projects recommended in the Flood Plan as FMPs or FMSs will be eligible to apply for grant funding related to final design and construction. Studies included in the Flood Plan as FMEs or FMSs will be eligible to apply for grant funding related to the development of H&H modeling/mapping, alternative feasibility studies, or other studies defined in the specified FMEs or FMSs.

While the survey is very short (only 9 questions), the background and importance of these questions are critical, as they will allow us to provide the most comprehensive Flood Plan for our region and your entity: TWDB requires that each FME/ FMS/ FMP included in the Flood Plan be labeled with the information requested in Question 4 (the sponsor name) and Question 9 (estimated percent match by the sponsor). Your entity's answers to these questions incur no financial obligation on the part of your community, as these answers simply enable a future state funding opportunity for the FME/ FMS/ FMP in question. A potential scenario is described below, explaining how your answers to these questions could benefit your entity in the event that a future grant or funding opportunity becomes available through the State of Texas:

- The state requests applications for grant funding under a new program, which may be structured similar to the Flood Infrastructure Fund. If the FME/ FMS/ FMP is included in the Regional Flood Plan, the study / strategy/ project will meet the minimum requirements to apply for state funding through this future program.
- Your community decides whether to submit an application for state funding.

•If your entity decides to submit an application, your entity then commits to a percent match which will depend on the specific category or type of funding requested for that future grant program. Note, since the terms of this future grant program have not been set, the percent match (cash or in-kind) does not have to agree with your original estimate provided as an answer to Question No. 9 in this survey.

General guidance on available percent matches for state funding from the recent TWDB Flood Infrastructure Fund program is provided by clicking on the link below, and the then clicking the drop-down menu which states, "3. What type of assistance is available?".

Link to details on the Flood Infrastructure Fund example funding program:

<https://www.twdb.texas.gov/financial/programs/FIF/index.asp>

...

1. What is the name of your entity?

2. Have you applied for any grant funding related to flood related projects, studies, or equipment purchased in the last five years? If yes, can you tell us the project, its cost, and indicate how you covered the expenses (ie-grant, loan, general funds, bonds)?

3. Are there additional flood-related issues your community might consider applying for future grants to study or address towards flood mitigation?

4. The URGFPG has identified potential evaluations/strategies/projects in your community. As a requirement of the Regional Flood Plan, we must list a sponsor. May we list you as a sponsor for the specified FME/FMS/FMP in the link below?

Please click on the link below

[https://riocogorg-my.sharepoint.com/:x:/g/personal/annetteg\\_riocog\\_org/Ea1ruzKB49tGgV8c\\_sbyPX4BuNg25LBAgnEFQ7hyHYA9Mw?e=RSmAqx](https://riocogorg-my.sharepoint.com/:x:/g/personal/annetteg_riocog_org/Ea1ruzKB49tGgV8c_sbyPX4BuNg25LBAgnEFQ7hyHYA9Mw?e=RSmAqx)

Yes

No

5. If you answered no to being a sponsor, would you like to provide a reason?

Enter your answer

6. Do you have any edits/revisions or any additional information you would like considered in the documentation of the specified FME/FMS/FMP from the link provided in Question No. 4? If yes, please click on the link, download the file and provide your edits. You may send the file to [chris.wright@aecom.com](mailto:chris.wright@aecom.com).

Yes

No

7. Does the estimated cost for the specified FME/FMS/FMP from the link provided in Question No. 4 seem accurate? If not, please provide revised costs or additional information you would like to be considered in the cost estimate. Our Technical Consultant, AECOM, developed the cost estimates with the available information, and they can set up a phone call to explain the details of the scope and cost estimate if you request it in your response.

Enter your answer

8. Does the target year for the completion of the specified FME/FMS/FMP from the link provided in Question No. 4 seem accurate? If not, please provide a revised target year or additional information you would like to be considered in the proposed timeline.

Enter your answer

9. In the event that your entity chooses to apply for a future funding opportunity through the state of Texas, what is likely to be the percent match of the total cost that your entity would be willing to provide for the specified FME/FMS/FMP from the link provided in Question No. 4? Also, please specify which percentages of the match may be cash or in-kind.

Enter your answer

10. What is the source of funding your entity would typically utilize to pay for a flood-related project, study, or strategy (e.g., taxes; general revenue; dedicated revenue such as fees; etc.)

Enter your answer

Submit

Never give out your password. [Report abuse](#)

---

This content is created by the owner of the form. The data you submit will be sent to the form owner. Microsoft is not responsible for the privacy or security practices of its customers, including those of this form owner. Never give out your password.

Powered by Microsoft Forms |

The owner of this form has not provided a privacy statement as to how they will use your response data. Do not provide personal or sensitive information.

| [Terms of use](#)



## **Appendix 9B**

### **Funding Survey Summary Table for FMEs, FMPs, and FMSs**



Table 9B. Funding Survey Summary Table for FMEs, FMPs, and FMSs

RFPG #	Sponsor Entity Name	FMS or FMP or FME	FMS FMP FME - Name	Regional plan's unique FMS/FMP/FME identification number	Target year of full implementation	Estimated costs in plan				Estimated percent (share) of total FMS, FMP, or FME estimated cost			
						Non-construction costs	Construction-related costs	Total estimated fixed cost	Recurring cost (annually)	Sponsor Funding		Unknown Funding Needed (including state, federal and/ or Unknown funding)	TOTAL (auto) sum must = 100%
										ANTICIPATED SOURCE of Sponsor funding (e.g., taxes; general revenue; dedicated revenue incl. fees)	FUNDING TO BE FINANCED BY SPONSOR (incl. those local, county, or regional mechanisms available but not yet fully utilized)		
14	San Elizario city	FMP	Small pond at San Elizario	143000003	2023	\$112,000	\$ 113,000	\$ 224,000	\$ -	General Revenue	20%	80%	100%
14	TXDOT, El Paso Water	FMP	SH20 Drainage Improvements from Doniphan Drive to Texas Avenue	143000005	2025	\$1,297,000	\$ 2,448,000	\$ 3,745,000	\$ -	Revenue bonds, Cash Revenues, Credit	0%	100%	100%
14	Marfa city	FMP	Install Flood Gates in Marfa and Monitoring Gage on North Alamito Creek and Highway 17	143000007	2024	\$232,000	\$ 126,000	\$ 358,000	\$ -	General Funds	20%	80%	100%
14	Hudspeth County	FMP	Develop and Implement Floodplain Ordinance to Regulate Development at Hudspeth County	143000009	2023	\$50,000	\$ -	\$ 50,000	\$ -	General Revenue	0%	100%	100%
14	El Paso County	FMP	SSA4 Detention Basin	143000011	2027	\$5,523,000	\$ 9,221,000	\$ 14,744,000	\$ -	General Funds, Bonds, Tax Notes	5%	95%	100%
14	El Paso County, EPCWID1	FMP	SOC4 Sediment/ Detention Basin	143000021	2027	\$966,000	\$ 1,418,000	\$ 2,384,000	\$ -	Taxes, water use fees	55%	45%	100%
14	El Paso County	FMP	MON3 Sediment/ Detention Basin	143000024	2027	\$9,364,000	\$ 17,669,000	\$ 27,033,000	\$ -	General Funds, Bonds, Tax Notes	5%	95%	100%
14	El Paso County	FMP	HAC3 Sediment/ Detention Basin	143000025	2027	\$1,622,000	\$ 2,997,000	\$ 4,619,000	\$ -	General Funds, Bonds, Tax Notes	5%	95%	100%
14	El Paso Water	FMP	NW16 Channel Expansion	143000097	2025	\$544,000	\$ 1,026,000	\$ 1,570,000	\$ -	Revenue bonds, Cash Revenues, Credit	0%	100%	100%
14	El Paso Water	FMP	NE3B Catch Basin	143000100	2025	\$7,355,000	\$ 13,878,000	\$ 21,233,000	\$ -	Revenue bonds, Cash Revenues, Credit	0%	100%	100%
14	El Paso Water	FMP	EA10A Sediment/ Detention Basin	143000105	2024	\$3,396,000	\$ 6,251,000	\$ 9,647,000	\$ -	Revenue bonds, Cash Revenues, Credit	0%	100%	100%
14	El Paso Water	FMP	NW3 Catch Basin / Pump Station	143000111	2025	\$5,588,000	\$ 10,544,000	\$ 16,132,000	\$ -	Revenue bonds, Cash Revenues, Credit	0%	100%	100%
14	El Paso Water	FMP	NW26 Wetland/ Pump Stations	143000113	2025	\$12,321,000	\$ 23,247,000	\$ 35,568,000	\$ -	Revenue bonds, Cash Revenues, Credit	0%	100%	100%
14	El Paso Water	FMP	EA9A Sediment/ Detention Basin	143000116	2024	\$4,121,280	\$ 7,776,000	\$ 11,897,280	\$ -	Revenue bonds, Cash Revenues, Credit	0%	100%	100%
14	El Paso Water, El Paso County, EPCWID1	FME	Develop a plan for a Sediment and Vegetation Control Program in the Rio Grande at El Paso	141000001	2025	\$107,000	\$ -	\$ 107,000	\$ -	Taxes, Water Use Fees	50%	50%	100%
14	Presidio city, Presidio County	FME	Develop H&H Models for Cibolo Creek and arroyos through the City of Presidio, and develop an FMP for flood reduction of buildings and emergency access roadways.	141000002	2024	\$183,000	\$ -	\$ 183,000	\$ -	General Revenue	20%	80%	100%
14	El Paso County, EPCWID1, TXDOT	FME	Arroyo Siphon at SH20 near Tornillo	141000003	2024	\$38,000	\$ -	\$ 38,000	\$ -	Taxes, Water Use Fees	50%	50%	100%
14	El Paso Water, El Paso County, EPCWID1	FME	Lower Mesa Drain Improvements at El Paso	141000004	2024	\$689,000	\$ -	\$ 689,000	\$ -	Taxes, Water Use Fees	50%	50%	100%
14	San Elizario city, El Paso County	FME	Develop solution for flooding of San Elizario historic district, and localized flooding in San Elizario and adjacent communities	141000005	2023	\$73,000	\$ -	\$ 73,000	\$ -	General Revenue / General Funds or Bonds or Tax notes	25%	75%	100%
14	El Paso Water	FME	Increase Storage Capacity of Fort Bliss Sump	141000006	2023	\$30,000	\$ -	\$ 30,000	\$ -	Revenue bonds, Cash Revenues, Credit	0%	100%	100%
14	Presidio County	FME	Sediment Control at Alamito and Terneros Creek	141000008	2025	\$111,000	\$ -	\$ 111,000	\$ -	Unknown	0%	100%	100%
14	Pecos city, Lindsay CDP, Reeves County, TXDOT	FME	Develop city-wide drainage study and stormwater master plan for Pecos	141000010	2024	\$92,000	\$ -	\$ 92,000	\$ -	Unknown	0%	100%	100%
14	Fort Stockton city, Pecos County	FME	Dam Improvements at Comanche Creek Reservoir at Fort Stockton	141000012	2024	\$68,000	\$ -	\$ 68,000	\$ -	Unknown	0%	100%	100%
14	Hudspeth County	FME	Develop a Colonia-wide Drainage System at Fort Hancock	141000014	2024	\$795,000	\$ -	\$ 795,000	\$ -	General Revenue	0%	100%	100%
14	El Paso Water, El Paso County, EPCWID1	FME	Prioritize arroyos on their likelihood of producing sediment/ debris flows	141000015	2023	\$70,000	\$ -	\$ 70,000	\$ -	Taxes, Water Use Fees	50%	50%	100%
14	El Paso Water, El Paso County	FME	Conduct flood risk assessment at El Paso locations where drainage is controlled by river stage, and there are significant flood risks on the non-river side of the levee.	141000018	2024	\$70,000	\$ -	\$ 70,000	\$ -	Revenue bonds, Cash Revenues, Credit	0%	100%	100%
14	El Paso Water, EPCWID1	FME	Plan for mitigation of drainage controls where ground water reduces storm water conveyance capacity in the Montoya Drain	141000019	2024	\$130,000	\$ -	\$ 130,000	\$ -	Taxes, Water Use Fees	50%	50%	100%
14	Kermit city, Winkler County	FME	Develop city-wide drainage study and stormwater master plan for the City of Kermit.	141000021	2024	\$75,000	\$ -	\$ 75,000	\$ -	Unknown	0%	100%	100%

Table 9B. Funding Survey Summary Table for FMEs, FMPs, and FMSs

RFPG #	Sponsor Entity Name	FMS or FMP or FME	FMS FMP FME - Name	Regional plan's unique FMS/FMP/FME identification number	Target year of full implementation	Estimated costs in plan				Estimated percent (share) of total FMS, FMP, or FME estimated cost			
						Non-construction costs	Construction-related costs	Total estimated fixed cost	Recurring cost (annually)	Sponsor Funding		Unknown Funding Needed (including state, federal and/ or Unknown funding)	TOTAL (auto) sum must = 100%
										ANTICIPATED SOURCE of Sponsor funding (e.g., taxes; general revenue; dedicated revenue incl. fees)	FUNDING TO BE FINANCED BY SPONSOR (incl. those local, county, or regional mechanisms available but not yet fully utilized)		
14	Hudspeth County	FME	Develop solutions for flooding near Sierra Blanca	141000022	2024	\$76,000	\$ -	\$ 76,000	\$ -	General Revenue	0%	100%	100%
14	Alpine city, Brewster County	FME	Develop city-wide drainage study and stormwater master plan for Alpine	141000023	2024	\$250,000	\$ -	\$ 250,000	\$ -	Unknown	0%	100%	100%
14	Sonora city, Sutton County	FME	Develop Supplemental Watershed Plans for flood control dams protecting Sonora	141000024	2024	\$1,456,000	\$ -	\$ 1,456,000	\$ -	Unknown	0%	100%	100%
14	Ozona CDP, Crockett County	FME	Develop Supplemental Watershed Plans for flood control dams protecting Ozona	141000025	2024	\$1,456,000	\$ -	\$ 1,456,000	\$ -	Unknown	0%	100%	100%
14	Monahans city, Southwest Sandhill CDP, Ward County	FME	Develop city-wide drainage study and stormwater master plan for Monahans/ Southwest Sandhill	141000026	2024	\$104,000	\$ -	\$ 104,000	\$ -	Dedicated Revenue	10%	90%	100%
14	Socorro city, El Paso County	FME	Develop city-wide drainage study and stormwater master plan for City of Socorro	141000033	2024	\$73,000	\$ -	\$ 73,000	\$ -	General Funds or Bonds or Tax notes	55%	45%	100%
14	El Paso Water	FME	Develop FMPs for additional projects in City of El Paso/El Paso Water Stormwater Master Plan	141000034	2025	\$1,288,000	\$ -	\$ 1,288,000	\$ -	Revenue bonds, Cash Revenues, Credit	0%	100%	100%
14	El Paso County	FME	Develop FMPs for additional projects from the El Paso County Stormwater Master Plan	141000035	2025	\$276,000	\$ -	\$ 276,000	\$ -	General Funds or Bonds or Tax notes	5%	95%	100%
14	USIBWC, El Paso Water, El Paso County, Doña Ana County, Hudspeth County	FMS	FEMA Levee Accreditation for All Rio Grande Levees at El Paso	142000001	2030	\$482,000	\$ -	\$ 482,000	\$ -	General Funds or Bonds or Tax notes	5%	95%	100%
14	Alpine city, Brewster County	FMS	Irrigation and Recharge Application of Captured Rainwater Runoff at Alpine	142000002	2030	\$1,282,000	\$ -	\$ 1,282,000	\$ -	Unknown	0%	100%	100%
14	Fort Hancock city, Hudspeth County	FMS	Implement Colonia-wide Drainage System and Maintenance and Outreach Program for Roadside Swales and Driveway Culverts at Fort Hancock	142000003	2023	\$58,000	\$ 342,900	\$ 400,900	\$ 3,500	General Revenue	0%	100%	100%
14	El Paso Water, El Paso County, U.S. Army	FMS	Coordination with Ft. Bliss for FMP Permitting and Maintenance Access	142000004	2025	\$49,000	\$ -	\$ 49,000	\$ -	General Funds or Bonds or Tax notes	5%	95%	100%
14	RGCOG, Presidio County, TXDOT, USIBWC, USACE	FMS	Maintenance Program to control Salt Cedar vegetation along Rio Grande upstream of Presidio	142000005	2024	\$97,000	\$ -	\$ 97,000	\$ -	General Revenue	20%	80%	100%
14	Presidio County, USIBWC, RG/B Basin Flows Collaboration, Rio Grande Joint Venture	FMS	Study Binational Streamflow Recommendations for Big Bend Reach of Rio Grande/Rio Bravo	142000006	2030	\$63,000	\$ -	\$ 63,000	\$ -	General Revenue	20%	80%	100%
14	USACE, Pecos Compact Commission	FMS	Study to plan the management of saltcedar growth and debris in channels in/adjacent to City of Pecos	142000007	2025	\$73,000	\$ -	\$ 73,000	\$ -	Unknown	0%	100%	100%
14	USACE, Presidio County, City of Presidio	FMS	Develop Certification Package for Cibolo Creek Channel and Levee	142000008	2030	\$79,000	\$ -	\$ 79,000	\$ -	General Revenue	20%	80%	100%
14	EPCWID1, El Paso County, Texas GLO	FMS	Regulatory Review of Off-Road Traffic on State Lands	142000009	2025	\$99,000	\$ -	\$ 99,000	\$ -	Taxes, Water Use Fees	50%	50%	100%
14	EPCWID1, El Paso County, Texas GLO	FMS	Regulatory Review of Impervious Cover on New Development in El Paso County	142000010	2024	\$64,000	\$ -	\$ 64,000	\$ -	Taxes, Water Use Fees	50%	50%	100%
14	RGCOG	FMS	Staff augmentation support or funding for at risk communities to join and/or enforce the NFIP	142000013	2024	\$44,000	\$ -	\$ 44,000	\$ 700	Unknown	0%	100%	100%
14	RGCOG	FMS	Develop new flood gages throughout the region	142000014	2025	\$240,000	\$ -	\$ 240,000	\$ 7,000	Unknown	0%	100%	100%
14	El Paso Water, El Paso County	FMS	Develop and design standard options for addressing identified development-related flooding in El Paso	142000015	2024	\$35,000	\$ -	\$ 35,000	\$ -	General Funds or Bonds or Tax notes	5%	95%	100%
14	RGCOG	FMS	Develop regional solutions to address erosion issues in natural channels affecting stormwater conveyance	142000016	2024	\$57,000	\$ -	\$ 57,000	\$ -	Unknown	0%	100%	100%
14	El Paso Water, El Paso County	FMS	Develop solutions to address city/county stormwater conveyance into the Rio Grande (El Paso County)	142000017	2026	\$99,000	\$ -	\$ 99,000	\$ -	General Funds or Bonds or Tax notes	5%	95%	100%
14	El Paso Water, El Paso County, EPCWID1	FMS	Initiate program to develop integrated solutions to improve irrigation system/ stormwater conveyance system interaction in El Paso area	142000019	2025	\$21,000	\$ -	\$ 21,000	\$ -	Taxes or Water Use Fees	50%	50%	100%
14	El Paso Water, El Paso County, EPCWID1	FMS	Develop and Improve Early Warning System for El Paso City/ County interior drainage	142000020	2024	\$95,000	\$ 15,000	\$110,000	\$30,000	Taxes, Water Use Fees	50%	50%	100%
14	Pecos city, Reeves County	FMS	Develop and Improve Early Warning System for City of Pecos	142000021	2024	\$37,000	\$ 1,000	\$ 38,000	\$ 12,000	Unknown	0%	100%	100%
14	Alpine city, Brewster County	FMS	Develop and Improve Early Warning System for City of Alpine	142000022	2024	\$37,000	\$ 1,000	\$ 38,000	\$ 12,000	Unknown	0%	100%	100%
14	Presidio city, Presidio County	FMS	Develop and Improve Early Warning System for City of Presidio, Presidio County	142000023	2024	\$37,000	\$ 1,000	\$ 38,000	\$ 12,000	General Revenue	20%	80%	100%

Table 9B. Funding Survey Summary Table for FMEs, FMPs, and FMSs

RFPG #	Sponsor Entity Name	FMS or FMP or FME	FMS FMP FME - Name	Regional plan's unique FMS/FMP/FME identification number	Target year of full implementation	Estimated costs in plan				Estimated percent (share) of total FMS, FMP, or FME estimated cost			
						Non-construction costs	Construction-related costs	Total estimated fixed cost	Recurring cost (annually)	Sponsor Funding			TOTAL (auto) sum must = 100%
										ANTICIPATED SOURCE of Sponsor funding (e.g., taxes; general revenue; dedicated revenue incl. fees)	FUNDING TO BE FINANCED BY SPONSOR (incl. those local, county, or regional mechanisms available but not yet fully utilized)	Unknown Funding Needed (including state, federal and/ or Unknown funding)	
14	Fort Stockton city, Pecos County	FMS	Develop and Improve Early Warning System for City of Fort Stockton	142000024	2024	\$37,000	\$ 1,000	\$ 38,000	\$ 12,000	Unknown	0%	100%	100%
14	Marfa city, Presidio County	FMS	Develop and Improve Early Warning System for City of Marfa, Presidio County	142000025	n/a	\$37,000	\$ 1,000	\$ 38,000	\$ 12,000	General Funds	20%	80%	100%

## **Appendix 10A**

### **RFPG Meeting Minutes**

## **Appendix 10A.1**

### **RFPG General Meeting Minutes**

**Meeting Minutes**  
**Region 14 Upper Rio Grande Flood Planning Group Meeting**  
**Thursday, November 5, 2020**  
**9:00 AM**  
**GoToWebinar Virtual Meeting**

**Roll Call:**

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (x) / Absent ( ) / Alternate Present (*)</u>
Oscar D. "Jay" Ornelas	<i>Agricultural interests</i>	
Gilberto Saldana Jr.	<i>Counties</i>	x
Jessica Christianson	<i>Electric generating utilities</i>	x
Jeff Bennett	<i>Environmental interests</i>	x
Vacant	<i>Flood districts</i>	
Sal Masoud	<i>Industries</i>	X (arrived at 9:20am)
Javier Acosta	<i>Municipalities</i>	x
David "Dave" Hall	<i>Public</i>	x
Vacant	<i>River authorities</i>	
Rene Rodriguez	<i>Small business</i>	X (arrived at 9:50am)
Omar L. Martinez	<i>Water districts</i>	x
Vacant	<i>Water utilities</i>	

<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent ( ) / Alternate Present (*)</u>
James Weaver	Texas Parks and Wildlife Department	x
Tim Frere	Texas Division of Emergency Management	x
Larissa Place	Texas Department of Agriculture	x
Ben Wilde	Texas State Soil and Water Conservation Board	x
Sarah Douglas	General Land Office	x
Richard Bagans	Texas Water Development Board (TWDB)	x
Anita Keese	Texas Commission on Environmental Quality	x

**Quorum:**

Quorum: **Yes**

Number of voting members or alternates representing voting members present: **8**

Number required for quorum per current voting positions of 11: **6**

**Other Meeting Attendees: \*\***

Matt Nelson, TWDB (Meeting Facilitator)

Kathleen Jackson, TWDB Board Member

Reem Zoun, TWDB

James Bronikowski, TWDB

Morgan White, TWDB

Annette Mass, TWDB

Hayley Gillespie, TWDB

Ron Ellis, TWDB

Jennifer White, TWDB

Chad Ballard

Phil Bullock  
Ramesh Chintala  
Stephanie Castillo  
Gisela Dagnino  
Kelly Dillard  
Rene Franks  
Alem Gebriel  
Annette Gutierrez  
Scott Hubley

Anita Keese  
Amin Kiaghadi  
Justin Lennon  
Gabby Ramos  
Art Reinhardt  
Paul Robinson  
Gustavo Sosa  
Rodrigo Vizcaino  
Jeff Henson

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

*All meeting materials are available for the public at:*  
<http://www.twdb.texas.gov/flood/planning/regions/schedule.asp>.

**1. AGENDA ITEM NO. 1: Call to Order**

Matt Nelson called the meeting to order at 9:06 AM. A roll call of the planning group members was taken to record attendance and a quorum was established prior to calling the meeting to order.

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

Matt Nelson and Director Kathleen Jackson welcomed members to the meeting. Matt Nelson provided meeting facilitation information and instructions.

**3. AGENDA ITEM NO. 3: Member Introductions**

Each present voting and non-voting member of the Region 14 Upper Rio Grande RFPG introduced themselves.

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

Matt Nelson and Reem Zoun presented an overview of the regional flood planning process.

**5. AGENDA ITEM NO. 5: Discussion of group bylaws and consider adopting group bylaws**

Matt Nelson presented the model bylaws provided by the TWDB for the RFPG to consider adopting and opened discussion on adopting group bylaws.

The members discussed and made edits to the model bylaws regarding the following topics: replacing “Model RFPG” with “Region 14 Upper Rio Grande RFPG” throughout the document, voting membership attendance, selecting initial officers, the selection of regular officers starting in 2022, regular meeting frequency, and amending the bylaws.

The members discussed total voting membership and forming subcommittees. No changes were made regarding these topics.

A motion was made by Omar Martinez to adopt the bylaws, as amended.

The motion was seconded by Dave Hall.

The vote to adopt the group bylaws passed by a vote of 7 Ayes and 0 Nays.

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

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

A nomination of Omar Martinez as the Chair was made by Dave Hall.

Omar Martinez discussed his willingness to serve as Chair and familiarity with the flood planning region and other members.

Dave Hall made a motion to select Omar Martinez as the Chair by acclamation.

The motion was seconded by Jessica Christianson.



The nomination of Omar Martinez as the Chair was approved by unanimous consent.

The group then took a 5-minute recess.

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

Matt Nelson listed the entities that had expressed interest in serving as the Region 14 Upper Rio Grande RFPG's planning group sponsor. These interested entities included:

Rio Grande Council of Governments (COG)

Matt Nelson opened the floor to public comments. No public comments were given.

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

Omar Martinez opened discussion on selecting a planning group sponsor to act on behalf of the RFPG.

The members discussed selecting Rio Grande COG as the planning group sponsor.

A motion was made by Jeff Bennett to select Rio Grande COG as the designated planning group sponsor for Region 14 Upper Rio Grande RFPG.

Sal Masoud seconded the motion.

The vote to select Rio Grande COG as the planning group sponsor to act on behalf of the RFPG passed by unanimous consent.

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

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

Matt Nelson opened the floor to public comments. No public comments were given.

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

No action was taken. Omar Martinez closed discussion on AGENDA ITEM NO. 8.

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

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

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

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

The motion was seconded by Gilberto Saldana.

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

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

Matt Nelson opened the floor to public comments.

Rodrigo Vizcaino with HDR questioned if the International Boundary and Water Commission (IBWC) would have membership representation.

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

The members discussed IBWC having representation and discussed concerns with adding too many members.

No actions were taken. Omar Martinez closed discussion on AGENDA ITEM NO. 10.

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

Matt Nelson opened the floor to public comments. No public comments were given.

Omar Martinez opened the floor to discussion on initiating RFPG solicitation processes for individuals to fill the vacant required voting member position. The current vacant, required voting positions for Region 14 Upper Rio Grande RFPG are:

Currently Vacant: *River authorities, Water utilities*

Members discussed potential IBWC representation within river authorities.

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

The motion was seconded by Jeff Bennett.

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

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

Omar Martinez opened the floor to public comments. No public comments were given.

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

Omar Martinez opened discussion to consider the date and agenda items for the next meeting.

After discussion, Omar Martinez stated that the next meeting will be the week of December 17, 2020. The group decided to disseminate a survey to establish the best time for scheduling the next meeting. Potential agenda items include selecting remaining officers and members of the executive committee, status update on flood maps available in the region, and speakers engaged with stormwater in the region and the IBWC.

#### **14. Adjourn**

Sal Masoud made a motion to adjourn.

The motion was seconded by Jeff Bennett.

The vote to adjourn passed by unanimous consent.

The meeting adjourned at 11:36 AM by Omar Martinez.

*Approved by the Region 14 Upper Rio Grande RFGP at a meeting held during the week of December 17, 2020 on a date and location to be determined.*

---

FIRST AND LAST NAME, SECRETARY

---

Omar Martinez, CHAIR

**Meeting Minutes**  
**Region 14 Upper Rio Grande Flood Planning Group Meeting**  
**Thursday, January 21, 2021**  
**9:00 AM MST/10:00 CST**  
**GoToWebinar Virtual Meeting**

**Roll Call:**

<b><u>Voting Member</u></b>	<b><u>Interest Category</u></b>	<b><u>Present (x) / Absent ( ) / Alternate Present (*)</u></b>
Oscar D. "Jay" Ornelas	<i>Agricultural interests</i>	X
Gilberto Saldana Jr.	<i>Counties</i>	X
Jessica Christianson	<i>Electric generating utilities</i>	
Jeff Bennett	<i>Environmental interests</i>	X
Vacant	<i>Flood districts</i>	
Sal Masoud	<i>Industries</i>	X
Javier Acosta	<i>Municipalities</i>	X
David "Dave" Hall	<i>Public</i>	X
Vacant	<i>River authorities</i>	
Rene Rodriguez	<i>Small business</i>	
Omar L. Martinez	<i>Water districts</i>	X
Vacant	<i>Water utilities</i>	

<b><u>Non-voting Member</u></b>	<b><u>Agency</u></b>	<b><u>Present(x)/Absent( )/ Alternate Present (*)</u></b>
James Weaver	Texas Parks and Wildlife Department	X
Tim Frere	Texas Division of Emergency Management	X
Larissa Place	Texas Department of Agriculture	
Ben Wilde	Texas State Soil and Water Conservation Board	X
Sarah Douglas	General Land Office	X
Richard Bagans	Texas Water Development Board (TWDB)	X
Anita Keese	Texas Commission on Environmental Quality	X

**Quorum:**

Quorum: **Yes**

Number of voting members or alternates representing voting members present: **7**

Number required for quorum per current voting positions of 11: **6**

**Other Meeting Attendees: \*\***

James Bronikowski (TWDB)	James Weaver
Morgan White (TWDB)	Jennifer Herrera
Reem Zoun (TWDB)	Justin Lennon
Annette Gutierrez (RGCOG)	Kelly Dillard
Allison Wood	Michael Ramirez
Andrew Smith	Rene Franks
Anita Machiavello	Rohit Goswami
Art Reinhardt	Sarah Douglas, G
Ben Wilde	Sara Eatman
G Martinez	Scott Hubley
Gisela Dagnino	Stephanie Castillo
Guillermo Martinez	Steve Gonzales
Gustavo Sosa	Tiffany Cartwright
Heather Harris	Tony Smith
	Wade Barnes

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

**1. AGENDA ITEM NO. 1: Call to Order**

Omar Martinez called the meeting to order at 9:06 AM. A roll call of the planning group members was taken to record attendance and a quorum was established prior to calling the meeting to order.

**2. AGENDA ITEM NO. 2: Recognition of guests and designated alternates**

Matt Nelson and Director Kathleen Jackson welcomed members to the meeting. Matt Nelson provided meeting facilitation information and instructions.

**3. AGENDA ITEM NO. 3: Member Updates**

Each present voting and non-voting member of the Region 14 Upper Rio Grande RFPG introduced themselves.

**4. AGENDA ITEM NO. 4: Review and approve the minutes for the meeting held on November 5, 2020.**

Dave Hall made a motion to accept the Minutes from November 5, 2021. Sal Massoud seconded the motion.

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

Matt Nelson presented the model bylaws provided by the TWDB for the RFPG to consider adopting and opened discussion on adopting group bylaws.

**6. AGENDA ITEM NO. 6: Consider nominating and electing Vice Chair and Secretary**

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

A nomination of Omar Martinez as the Chair was made by Dave Hall.

Omar Martinez discussed his willingness to serve as Chair and familiarity with the flood planning region and other members.

Dave Hall made a motion and Omar Martinez seconded the motion. Sal Massoud made a motion and Gilbert Saldaña seconded the motion.

**7. AGENDA ITEM NO. 7: Consider nominating and electing member(s)-at-large to serve on the Executive Committee**

Matt Nelson listed the entities that had expressed interest in serving as the Region 14 Upper Rio Grande RFPG's planning group sponsor. These interested entities included:  
Rio Grande Council of Governments (COG)

Matt Nelson opened the floor to public comments. No public comments were given.

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

Dave Hall made a motion and Omar Martinez seconded the motion. Sal Massoud made a motion and Gilbert Saldaña seconded the motion.

**8. AGENDA ITEM NO. 8: Discussion on required member training on the Open Meetings Act and Public Information Act. Matt Nelson described existing notice requirements and opened discussion on**

**9. AGENDA ITEM NO. 9: Update on URGFPG solicitation process for individuals to fill required member positions (River authorities, Water utilities) Omar Martinez opened discussion on authorizing the RFPG sponsor to apply for grant funds and to enter into a contract with the TWDB on behalf of the RFPG.**

**10. AGENDA ITEM NO. 10: Update on the status of Regional Flood Planning Grant contract with TWDB Matt Nelson opened the floor to public comments.**

Rodrigo Vizcaino with HDR questioned if the International Boundary and Water Commission (IBWC) would have membership representation.

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

The members discussed IBWC having representation and discussed concerns with adding too many members.

No actions were taken. Omar Martinez closed discussion on AGENDA ITEM NO. 10.

- 11. AGENDA ITEM NO. 11: Consider a means by which the URGFPG will develop and host a public website (required per §361.21(b))**

Omar Martinez opened the floor to discussion on initiating RFPG solicitation processes for individuals to fill the vacant required voting member position. The current vacant, required voting positions for Region 14 Upper Rio Grande RFPG are:

Currently Vacant: *River authorities, Water utilities*

- 12. AGENDA ITEM NO. 12: Discussion and consider taking action on group policies for handling public comments Omar Martinez opened the floor to public comments. No public comments were given.**

- 13. AGENDA ITEM NO. 13: Consider a means by which the URGFPG will accept written public comment prior to and after meetings (required per §361.21(c)).**

Omar Martinez opened discussion to consider the date and agenda items for the next meeting. After discussion, Omar Martinez stated that the next meeting will be the week of December 17, 2020. The group decided to disseminate a survey to establish the best time for scheduling the next meeting. Potential agenda items include selecting remaining officers and members of the executive committee, status update on flood maps available in the region, and speakers engaged with stormwater in the region and the IBWC.

- 14. AGENDA ITEM NO. 14: Discussion of the required solicitation for persons or entities who request to be notified of URGFPG activities (required per §361.21(e)).**

- 15. AGENDA ITEM NO. 15: Discussion and consider taking action on allowing the RGCOG to accept annual supplemental funds for the URGFPG from willing local entities.**

- 16. AGENDA ITEM NO. 16: General public comments**

- 17. AGENDA ITEM NO. 17: Consider date and agenda items for next meeting**

- 18. AGENDA ITEM NO. 18: Adjourn**

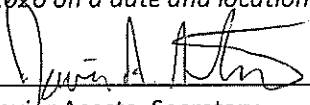
Sal Masoud made a motion to adjourn.

The motion was seconded by Jeff Bennett.

The vote to adjourn passed by unanimous consent.

The meeting adjourned at 11:36 AM by Omar Martinez.

*Approved by the Region 14 Upper Rio Grande RFGP at a meeting held during the week of December 17, 2020 on a date and location to be determined.*

  
\_\_\_\_\_  
Javier Acosta, Secretary

March 16, 2021

Date



**Meeting Minutes**  
**Region 14 Upper Rio Grande Flood Planning Group Meeting**  
**Tuesday, March 16, 2021**  
**10:30 AM**  
**GoToWebinar Virtual Meeting**

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (x) / Absent ( ) / Alternate Present (*)</u>
Oscar D. "Jay" Ornelas	<i>Agricultural interests</i>	X
Gilberto Saldana Jr.	<i>Counties</i>	X
Jessica Christianson	<i>Electric generating utilities</i>	
Jeff Bennett	<i>Environmental interests</i>	X
Vacant	<i>Flood districts</i>	
Sal Masoud	<i>Industries</i>	X
Javier Acosta	<i>Municipalities</i>	X
David "Dave" Hall	<i>Public</i>	X
Vacant	<i>River authorities</i>	
Rene Rodriguez	<i>Small business</i>	X
Omar L. Martinez	<i>Water districts</i>	X
Vacant	<i>Water utilities</i>	

<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent(-) / Alternate Present (*)</u>
James Weaver	Texas Parks and Wildlife Department	X
Tim Frere	Texas Division of Emergency Management	
Larissa Place	Texas Department of Agriculture	
Ben Wilde	Texas State Soil and Water Conservation Board	x
Sarah Douglas	General Land Office	X
Richard Bagans	Texas Water Development Board (TWDB)	X
Anita Keese	Texas Commission on Environmental Quality	X

<u>Others Present:</u>	
Annette Gutierrez (RGCOG)	Heather Harris, Carollo Engineers
James Bronkowski (TWDB)	Karen Perez - Freese and Nichols
Rick Prieto - CONSOR	Kelly Dillard
Allison Wood - Huitt-Zollars	Rene Franks/Parkhill
Art Reinhardt (WSP)	Rick Prieto - CONSOR
Gustavo Sosa - Parkhill	Ross Gordon - CONSOR

**1. Welcome and call to order**

Chairman Omar Martinez welcomed the group and confirmed that a quorum was present. The meeting started at 10:33 am.

**2. Recognition of guests and designated alternates**

Chairman Martinez recognized voting, non-voting members, and guests.

**3. Member updates**

Chairman Martinez provided an update to the group. He participated in a meeting where all the regions' Chairs' met with Texas Water Development Board's (TWDB) staff. They exchanged information with each other stating where they were in the planning cycle. He said some regions are farther along than others. He also said that no group has chosen a consultant yet as well as getting more representation from rural areas. He concluded by saying that they will be having more Chairs meetings throughout the year and he will update the group.

**4. Review and approve the minutes for the meeting held on January 21, 2021.**

Jay Ornelas made a motion to accept the Minutes except for revising item 14. The word listserv replaced the previous misspelled word. Secondly, item 15, added an "s" to the word due. Sal Mousad seconded the motion. Chairman Martinez called for a vote and the motion was approved unanimously. Dave Hall also noted the Minutes reflect there would be an update on the website but it is not listed on the current agenda.

**5. Review and approve recommendations from the Executive Committee members for the required member positions for River Authorities and Water Utilities.**

The Executive Committee recommended to the general membership Gisela Dagnino, P.E., to serve as the representative for Water Utilities. Dave Hall made a motion to have Gisela Dagnino, P.E., serve as the representative for Water Utilities. Gilbert Saldaña seconded the motion. Chairman Martinez called for a vote and the motion was approved unanimously.

**6. TWDB- Updates and Presentation**

Richard Bagans, Planner, TWDB Regional Flood Planning, provided updates to the general membership. Mr. Bagans mentioned TWDB is working with RGCOG in executing their grant agreement. It is in the final stages of edits and is being routed internally. It will then be sent to RGCOG for execution. He also mentioned TWDB's guidance document is forthcoming. This document, which is over 100 pages long, will provide explicit instructions on how each of the ten tasks will be accomplished. It will be available in the next week for public comment. He mentioned the document is technical and is geared more for the Technical Consultant. He also said members who are not as well versed in this arena may look to the Scope of Work to understand.

Richard also discussed how flood planning groups are selecting their liaisons to attend meetings for other regions. He mentioned the Upper Rio Grande Flood Planning Group (URGFPG) will be choosing a liaison for Region 15 and how they have already selected someone to serve as a liaison for the URGFPG. He said a liaison's main purpose is to listen and advocate.

**7. Consider designating a Liaison from Region 15 – Lower Rio Grande Regional Flood Planning Group to serve as a non-voting member as required per §361.11(f)(8) of the Texas Administrative Code.**

As required, the URGFPG is required to select a member from the group to serve a liaison to Region 15. Sarah Douglas, who is a non-voting member, self-nominated herself as the Liaison to Region 15-

Lower Rio Grande Flood Planning Group. Sal Masoud made a motion to appoint Sarah Douglas to Region 15. Jay Ornelas seconded the motion. Chairman Martinez called for a vote and the motion was approved unanimously.

**8. Consideration of appropriate changes to the Region 14 Bylaws.**

Dave Hall made a motion to remove the sentence, "no sooner than ten calendar days after the deadline for submitting nominations", from Section 4 Selection of Members, 4.1 Filling Vacancies, second paragraph. The motion was seconded by Sal Masoud. Chairman Martinez called for a vote and the motion was approved unanimously.

**9. Update Schedule Pre-Planning Meeting as required by TWDB**

Annette Gutierrez, RGCOG, informed the group that a Pre-Planning meeting geared toward the public is required of the TWDB. She mentioned the meeting can take place within a Flood Planning meeting as an agenda item. Richard Bagans has a short presentation available to present to the group. Chairman Martinez said he was fine with the meeting being placed as an agenda item and the rest of the group agreed as well.

**10. Update on Request for Qualifications for Technical Consultant**

Annette Gutierrez, RGCOG, informed the group that proposals are due March 19<sup>th</sup>, 2021, at 5:00 pm, Mountain Time. She also explained that the Executive Committee will be scoring the proposals on April 6, 2021, at 9:30 am, Mountain Time. She also mentioned that she would be working with TWDB in determining TWDB's timeline in securing the technical consultant.

**11. General public comments**

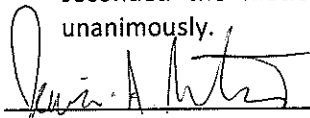
Rick Prieto with Consor Engineering, informed the group they will be submitting a proposal.

**12. Consider date and agenda items for next meeting**

The group decided to set the next meeting on April 20, 2021, at 10:30 AM, Mountain Time, and an Executive Committee meeting at 9:30 am. The agenda items include the pre-planning meeting, extending the membership, and repost the River Authority vacancy, TWDB Scope of Work presentation, website update, and old business for discussion, and updates from both liaisons. Sarah Douglas also mentioned to the group if they want anything for her to discuss with the other group, please let her know.

**13. Adjournment**

Sal Masoud made a motion to adjourn the meeting at 11:46 am, Mountain Time. Jeff Bennet seconded the motion. Chairman Martinez called for a vote and the motion was approved unanimously.



---

Javier Acosta, Secretary

April 9, 2021

Date

**Meeting Minutes**  
**Region 14 Upper Rio Grande Flood Planning Group Meeting**  
**Thursday, 4.15.2021**  
**9:00 AM**  
**GoToWebinar Virtual Meeting**

<b>Voting Member</b>	<b>Interest Category</b>	<b>Present (x) /Absent ( ) / Alternate Present (*)</b>
Oscar D. "Jay" Ornelas	<i>Agricultural interests</i>	X
Gilberto Saldana Jr.	<i>Counties</i>	X
Jessica Christianson	<i>Electric generating utilities</i>	
Jeff Bennett	<i>Environmental interests</i>	X
Sal Masoud	<i>Industries</i>	X
Javier Acosta	<i>Municipalities</i>	X
David "Dave" Hall	<i>Public</i>	X
Rene Rodriguez	<i>Small business</i>	X
Omar L. Martinez	<i>Water districts</i>	X
Gisela Dagnino	<i>Water utilities</i>	X
Vacant	<i>Flood districts</i>	
Vacant	<i>River authorities</i>	

<b>Non-voting Member</b>	<b>Agency</b>	<b>Present(x)/Absent( )/ Alternate Present (*)</b>
James Weaver	Texas Parks and Wildlife Department	
Tim Frere	Texas Division of Emergency Management	X
Larissa Place	Texas Department of Agriculture	
Ben Wilde	Texas State Soil and Water Conservation Board	X
Sarah Douglas	General Land Office/Region 14 Liaison	X
Richard Bagans	Texas Water Development Board	X
Anita Keese	Texas Commission on Environmental Quality	
Vanessa Rosales-Herrera	Region 15 Liaison	X

<b>Others Present:</b>	
Annette Gutierrez (RGCOG)	Jeff Irvin
Morgan White (TWDB)	Heather Harris (Carollo)
Delbert Humberson (IBWC)	Matt Hiland (APPGEO)
Levi Bryand	Gilbert Andujo (AECOM)
Art Reinhardt (WSP)	Daniel Zell (AECOM)
Atri Sen (WSP)	Ross Gordon (CONSOR)
Justin Lennon (WSP)	Zina Schwartz (CONSOR)
Rohit Goswami (WSP)	Trudi Garrett (CONSOR)

**1. Welcome and call to order**

Chairman Omar Martinez welcomed the group and confirmed that a quorum was present. The meeting started at 9:08 am.

**2. Recognition of guests and designated alternates**

Chairman Martinez recognized voting, non-voting members, and guests.

**3. Member updates**

There were no member updates provided.

**4. Review and approve the minutes for the meeting held on March 16, 2021.**

Dave Hall made a motion to accept the Minutes from March 16, 2021, with the request to add the Liasion titles to the individuals who are holding these titles. Jay Ornelas seconded the motion. Chairman Martinez called for a vote and the motion was approved except for Gisela Dagnino who abstained because she was not present at the meeting.

**5. Review, discuss and take action on the recommendation from the Executive Committee members for the proposed Technical Consultant finalist.**

The Executive Committee recommended to the general membership that AECOM serves as the Technical Consultant to the Flood Planning Group based on the scoring and ranking from Executive Committee. Gisela Dagnino made a motion to accept the recommendation for AECOM. Dave Hall seconded the motion. Chairman Martinez called for a vote and the motion was approved unanimously.

**6. Texas Water Development Board (TWDB)- Updates and Presentation**

Richard Bagans, Planner, TWDB Regional Flood Planning, provided a presentation about the Regional Flood Planning Group's Responsibilities through the Scope of Work. Mr. Bagans covered Tasks 1 through Task 10. Annette Gutierrez, Rio Grande Council of Governments (RGCOG), informed Mr. Bagans that RGCOG is updating the Hazard Mitigation Plan for five of their six counties. She mentioned the City and County of El Paso are updating their Plan. She asked if he had discussions with the other regions that he covers about how collaboration will be conducted between the two. Mr. Bagans said to be sure there is no duplication of efforts being made and all sources of information are identified to allow the Technical Consultant can work on other items. Chairman Martinez asked to invite every participant possible to our meetings because he explained how difficult it is to tap into FEMA funding if you are not included in the plan. Ms. Gutierrez said she would check with the City/County of El Paso to see where they are in the process of updating their Hazard Mitigation Plan.

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

Richard Bagans covered this item. He informed the group for every cycle moving forward the group will be required to have pre-planning public meetings to allow the public to comment on what items they would like the group to consider moving forward. He provided a general overview of what the flood planning process is about.

Dave Hall asked if the group wants to ensure there is public participation from the entire region, can TWDB make presentations at different locations, such as Alpine? Mr. Bagans said that initiative will be determined by the planning sponsor and the group but TWDB will assist in determining who is the best person to speak on this item. He said it is appropriate and suggested moving the meetings to different locations but it is contingent on what is most feasible. Post pandemic there will be opportunities to have a hybrid meeting allowing for in-person and virtual.

Dave Hall raised concern that the group should do as much as they can to inform the public of this process to ensure they are aware and engaged soon. However, TWDB staff is the best suited to inform these groups because of their expertise. Mr. Bagans reminded the group they will still need to conduct a second pre-planning meeting as requires, so they could look at having the meeting in a different location. Annette was tasked by the group to look at possible locations to include Alpine, Ft. Stockton, or somewhere further east in late May or early June.

Gisela Dagnino asked Annette Gutierrez how soon could the RGCOG secure a contract with AECOM because she is concerned about getting the public on board soon. Annette explained it will be at the May board meeting but the date is not solidified yet. Dave Hall raised concern about the need to secure the contract soon since they are due dates coming up from TWDB based on the conceptual schedule. Richard Bagans mentioned the dates identified are target dates and they are flexible except for the technical memo and the Final Plan. Annette Gutierrez said she would aim for a May 7<sup>th</sup> board meeting.

Rene Rodriguez mentioned the community of Socorro has had difficulty participating in virtual meetings because of technology. Jay Ornelas suggested the group could utilize Sul Ross University as a possible venue.

**8. Consideration of appropriate changes to the Region 14 Bylaws.**

Annette Gutierrez asked for the general membership to consider amending the bylaws to 4.1 Filling Vacancies and reduce the deadline for submission of nominations between thirty and forty-five calendar days from the date that public notice was posted to fifteen days. Dave Hall made a motion to reduce the time from thirty and forty-five days to fifteen days. Rene Rodriguez seconded the motion. Chairman Martinez called for a vote and the motion was approved unanimously.

**9. Take action to consider adding additional members from interest categories**

Annette Gutierrez, RGCOG, informed the group there is an opportunity for them to increase their membership base. She mentioned in the previous meeting the group expressed interest in adding another position for Water Utilities. Rene Rodriguez mentioned his only concern is that the membership does not become lop-sided. Dave Hall made a motion to increase the membership for Water Utilities and the Public. Rene Rodriguez seconded the motion. Chairman Martinez called for a vote and the motion was approved unanimously.

**10. Take action to consider adding the International Water Boundary Commission as a non-voting member.**

Dave Hall made a motion to add the International Water Boundary Commission (IBWC) as a non-voting member as a non-voting member representing the International Water Boundary Commission. Jay Ornelas seconded the motion. Chairman Martinez called for a vote and the motion was approved unanimously. Chairman Martinez informed the group that IBWC internally decided to appoint Delbert Humberson as their representative.

**11. Consider posting the River Authority vacancy.**

Gisela Dagnino made a motion to post the River Authority vacancy. Rene Rodriguez seconded the motion. Chairman Martinez called for a vote and the motion was approved unanimously.

**12. Update from Liaisons from both Region 15 – Lower Rio Grande Regional Flood Planning Group, Vanessa Rosales-Herrera, and Region 14-Upper Rio Grande Regional Flood Planning Group, Sarah Douglas.** Vanessa Rosales-Herrera, who serves as the Liaison to Region 14 from Region 15, mentioned her region is in the same timeline as ours where they just recently approved their technical consultant. Dave Hall asked if our group should be also coordinating with other surrounding planning besides Region 15. Richard Bagans explained we are only required to liaise with Region 15 since there is an Upper and Lower to the region.

Ms. Sarah Douglas, who serves as the Liaison to Region 15 from Region 14, was unable to attend the most recent meeting but mentioned she will be able to attend future meetings.

**13. Update to the Region 14-Upper Rio Grande Flood Planning Group website.**

Annette Gutierrez informed the group that she was able to secure a quote from the Rio Grande Council of Governments' web developer. She mentioned the quote is for \$5,500. When including the indirect cost rate the total cost for this effort is \$7,219.90. Ms. Gutierrez explained the contributions that will be made from El Paso County Water Improvement District #1 and El Paso Water Utilities will cover these costs, based on her understanding that the website creation was unallowable. Chairman Martinez reminded the group that contributions like the ones made by these two entities will allow the Rio Grande Council of Governments to administer the program. Gisela asked how often would they make the contributions. Chairman Martinez mentioned if this group is to follow the Water Planning Group, the dues would be yearly. Ms. Dagnino also mentioned that part of AECOM's proposal included public relations activities from Barracuda Public Relations firm. Chairman Martinez agreed they would be doing this function but also mentioned it would be good for the RGCOG to have some of their equipment if needed. Ms. Gutierrez also mentioned to the group she would work with the Chair to see what kind of dues structure can be created for the future. Richard Bagans informed the group that this cost is an allowable expense. Annette Gutierrez then informed the group that she will not be asking El Paso Water Utilities for the previously mentioned funding. Gisela Dagnino asked Annette to still send an invoice to them to assist in starting the fund.

**14. Discussion of Old Business**

Dave Hall requested that AECOM should be made aware of the suggested dates from TWDB for the tasks mentioned in the Scope of Work. Dave reminded the group Tasks 1-3 should be completed by July of 2021. Gisela Dagnino informed the group that El Paso Water Utilities has worked with AECOM previously and said they always stay on task on finish the work on time.

**15. General public comments**

There were no public comments.

**16. Consider date and agenda items for next meeting**

The group decided to set the next meeting on May 20, 2021, at 9:00 AM, Mountain Time, and an Executive Committee meeting on May 18, 2021, at 9:00 am. The agenda items include voting on the

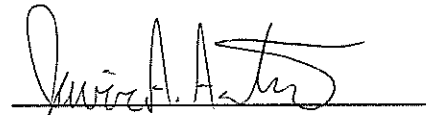
vacancies for the positions mentioned, pre-planning, discuss any old business, receive updates from both liaisons and have AECOM present to the group.

**17. Adjourn**

Gisela Dagnino made a motion to adjourn the meeting at 10:50 am, Mountain Time. Javier Acosta seconded the motion. Chairman Martinez called for a vote and the motion was approved unanimously.

5/20/2021

Date

  
\_\_\_\_\_  
Javier Acosta, Secretary



Meeting Minutes  
 Region 14 Upper Rio Grande Flood Planning Group Meeting  
 Thursday, 5.20.2021  
 9:03 AM  
 GoToWebinar Virtual Meeting

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (x) / Absent ( ) / Alternate Present (*)</u>
Omar L. Martinez, Chair	<i>Water districts</i>	X
Oscar D. "Jay" Ornelas	<i>Agricultural interests</i>	X
Gilberto Saldana Jr.	<i>Counties</i>	X
Jessica Christianson	<i>Electric generating utilities</i>	
Jeff Bennett	<i>Environmental interests</i>	X
Sal Masoud	<i>Industries</i>	X
Javier Acosta	<i>Municipalities</i>	X
David "Dave" Hall	<i>Public</i>	X
Rene Rodriguez	<i>Small business</i>	
Gisela Dagnino	<i>Water utilities</i>	X
Vacant	<i>Flood districts</i>	
Levi Bryand	<i>Water Utilities</i>	X
Rick Tate	<i>River authorities</i>	X
Carlos Velarde	<i>Public</i>	X

<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent ( ) / Alternate Present (*)</u>
James Weaver	Texas Parks and Wildlife Department	X
Tim Frere	Texas Division of Emergency Management	
Larissa Place	Texas Department of Agriculture	
Ben Wilde	Texas State Soil and Water Conservation Board	X
Sarah Douglas	General Land Office/Region 14 Liaison	
Richard Bagans	Texas Water Development Board	X
Anita Keese	Texas Commission on Environmental Quality	X
Vanessa Rosales-Herrera	Region 15 Liaison	X
Delbert Humberson	International Boundary Water Commission	X

<u>Others Present:</u>	
Annette Gutierrez, RGCOG	Chris Wright, AECOM
Matt Nelson, TWDB	Steve Ainsa, AECOM
James Bronikowski, TWDB	Jeff Irvin - AECOM, PIC
Gilbert Andujo, AECOM	Marina Monsisvais, Barracuda Communications
Bryan Blaisdell, AECOM	Martin Bartlett, Barracuda Communications

**1. Welcome and call to order**

Chairman Omar Martinez welcomed the group and confirmed that a quorum was present. The meeting started at 9:03 am.

**2. Recognition of guests and designated alternates**

Chairman Martinez recognized voting, non-voting members, and guests.

**3. Member updates**

Chairman Omar Martinez started the updates. He first recognized the current flooding the Lower Rio Grande Valley was dealing with and offered any assistance. He also mentioned that on April 22, 2021, the Texas Water Development Board (TWDB) approved 3.2 million dollars in funding of which 1.6 million is in grant funds from the state flood infrastructure fund that will be used for design planning, acquisition, design, and construction of a detention ponds and channel improvements projects in El Paso County. He congratulated El Paso County and AECOM for their success in receiving the grant. He also mentioned the National Fish and Wildlife Foundation awarded the Pecos Watershed Conservation Initiative 1.45 million to restore and sustain the Pecos River, its streams and grassland systems that provide important wildlife habitat in the Pecos Watershed and adjacent areas of New Mexico and Texas. He reminded the group part of the Flood Plan is to include environmental concerns in our region and the project mentioned goes to that initiative. Chairman Martinez also informed the group that TWDB is having a webinar from 2:00pm to 3:30pm for the Planning Group Sponsors, Chairs, and technical consultants from the Regional Flood Planning Groups. TWDB will present on the technical guidelines for regional flood planning and regional flood planning data. A significant portion of the webinar will be devoted to questions and answers. Finally, Chairman Martinez mentioned to the group that on June 24, 2021, the International Water Boundary Commission will host the Rio Grande Citizens Forum via webinar. He said these meetings are focused on work related to the Rio Grande River.

**4. Review and approve the minutes for the meeting held on April 15, 2021.**

Gisela Dagnino made a motion to accept the Minutes from April 15, 2021 with the changes noted. Sal Masoud seconded the motion. Chairman Martinez called for a vote and the motion was approved.

**5. Review and approve recommendations from the Executive Committee members for the member positions for Water Utilities, Public and River Authority.**

Jeff Benett made a motion to accept Rick Tate as the representative for Flood River Authority. Gisela Dagnino seconded the motion. Chairman Martinez called for a vote and the motion was approved unanimously.

Gisela Dagnino made a motion to accept Levi Bryand as the representative for Water Utilities. Jay Ornelas seconded the motion. Chairman Martinez called for a vote and the motion was approved unanimously.

Sal Masoud made a motion to accept Carlos Velarde as the representative for the Public. Gisela Dagnino seconded the motion. Chairman Martinez called for a vote and the motion was approved unanimously.

**6. Texas Water Development Board (TWDB)- Updates and Presentation**

Richard Bagans, Planner, TWDB Regional Flood Planning, provided an update to the group.

**7. Update from Liaisons from both Region 15 – Lower Rio Grande Regional Flood Planning Group, Vanessa Rosales-Herrera, and Region 14-Upper Rio Grande Regional Flood Planning Group, Sarah Douglas.**

Vanessa Rosales-Herrera from the Lower Rio Grande Regional Flood Planning Group did not have any updates to provide to the group.

**8. Introduction and presentation from AECOM-Technical Consultants to the Region 14-Upper Rio Grande Flood Planning Group**

Annette Gutierrez informed the group it was the Rio Grande Council of Governments (RGCOG) intention to present the contract between RGCOG and AECOM at its board of directors' meeting on May 14, 2021. However, based on discussions between TWDB and RGCOG and the need to revise some of the language in the contract, RGCOG will not present the document until its June board meeting.

Members asked if the group will be able to meet the deliverables considering the contract delay. Mr. Bagans informed them all parties are working to get the contract finalized and reminded them all technical work is reimbursable to the contractor prior to signature. Jeff Irvin, AECOM, requested for RGCOG to send an email stating AECOM could commence work on Task 1. Ms. Gutierrez stated that she would do so.

Ms. Gutierrez, next introduced the Project Manager, Gilbert Andujo, PE, CFM, AECOM. Mr. Andujo provided some background on his professional experience and then introduced the team and asked for each of the team members to explain what their experience is and what role they will be playing. The team includes Steve Ainsa, PE, Principal in Charge, Jeff Irvin, PE, Quality Assurance/Quality Control, PE, Chris Wright, Assistant Project Manager, PE, CFM, Bryan Blaisdell, PE, and Baracuda Public Relations, that includes Martin Bartlett and Marina Monsisvais, who will be doing the public outreach. Mr. Andujo also informed the group that AECOM will also be using nine subcontractors for this plan. The Chairman as well as several others complimented AECOM on the team and were in agreement they will be able to get the work done.

Annette Gutierrez asked Richard Bagans if TWDB is going to allow future meeting to be conducted in a hybrid manner where members may be in person or virtual if the suspensions to the Open Meetings Act as is lifted. Mr. Bagans stated the TWDB has not provided any direction as of yet. It would depend on any future legislative action and the RGCOG's Legal Counsel's interpretation.

**9. Discussion of Old Business**

Chairman Martinez asked Annette Gutierrez if there was any old business to discuss. Ms. Gutierrez mentioned the developers are working on the flood website and she anticipates that it will be ready soon to allow the flood members and the public a place to where they can get their information. Dave Hall mentioned there was a discussion on having the Pre-Planning meeting in the eastern area. He suggested that perhaps Baracuda could assist with this meeting and Ms. Gutierrez stated she would contact them. Gisela Dagnino asked Ms. Gutierrez if there was any activity with the discussion of the group paying dues similar to the water planning group. Ms. Gutierrez mentioned she will not know if funding is needed until she submits the first request for payment to TWDB. She said will keep the group informed. Mr. Hall also asked if the Bylaws were signed and Mr. Gutierrez said they were.

**10. General public comments**

There were no comments made.

**11. Consider date and agenda items for next meeting**

Chairman Martinez asked when do we have to have the next meeting. Ms. Gutierrez mentioned the Pre-Planning meeting can be next for the group and that it can be in the Tri-County area since it will

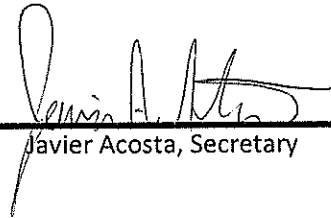
need to be a hybrid. She told the group she did not want to commit to a date until she has more information on the location. In terms of having a flood planning group meeting, she asked the group if she can coordinate with AECOM to determine the next meeting date. However, Richard Bagans did confirm there is no deadline to have the Pre-Planning meeting but it should be early in the cycle. He also reminded the group it requires a fourteen-day notice. She mentioned she will look at the June 25<sup>th</sup> week to schedule the meeting in Alpine.

**12. Adjourn**

Dave Hall made a motion to adjourn. Jay Ornelas seconded the motion. Chairman Martinez called for a vote and the motion was approved unanimously.

9/7/2021

Date



Javier Acosta, Secretary

Meeting Minutes  
 Region 14 Upper Rio Grande Flood Planning Group Meeting  
 Thursday, 8.05.2021  
 9:04 AM  
 GoToWebinar Virtual Meeting

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (x) / Absent ( ) / Alternate Present (*)</u>
Omar L. Martinez, Chair	<i>Water districts</i>	X
Oscar D. "Jay" Ornelas	<i>Agricultural interests</i>	
Gilberto Saldana Jr.	<i>Counties</i>	X
Jeff Bennett	<i>Environmental interests</i>	X
Sal Masoud	<i>Industries</i>	X
Javier Acosta	<i>Municipalities</i>	X
David "Dave" Hall	<i>Public</i>	X
Rene Rodriguez	<i>Small business</i>	
Gisela Dagnino	<i>Water utilities</i>	X
Vacant	<i>Flood districts</i>	
Levi Bryand	<i>Water Utilities</i>	X
Rick Tate	<i>River authorities</i>	
Carlos Velarde	<i>Public</i>	X
<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent( )/ Alternate Present(*)</u>
James Weaver	Texas Parks and Wildlife Department	
Tim Frere	Texas Division of Emergency Management	
Larissa Place	Texas Department of Agriculture	
Ben Wilde	Texas State Soil and Water Conservation Board	
Sarah Douglas	General Land Office/Region 14 Liaison	X
Richard Bagans	Texas Water Development Board	X
Anita Keese	Texas Commission on Environmental Quality	X
Vanessa Rosales-Herrera	Region 15 Liaison	X
Delbert Humberson	International Boundary Water Commission	

<u>Others Present:</u>	
Annette Gutierrez, RGCOG	Chris Wright, AECOM
Matt Nelson, TWDB	Jeff Irvin - AECOM, PIC
James Bronikowski, TWDB	Marina Monsisvais, Barracuda Communications
Gilbert Andujo, AECOM	Martin Bartlett, Barracuda Communications
Bryan Blaisdell, AECOM	

1. **Welcome and call to order**

Chairman Omar Martinez welcomed the group and confirmed that a quorum was present. The meeting started at 9:04 am.

**2. Recognition of guests and designated alternates**

Chairman Martinez recognized voting and non-voting members.

**3. Member updates**

Chairman Omar Martinez asked the members if there were any updates to make. Dave Hall mentioned to the flood group that the Pre-Planning meeting was held in Marfa, Texas on July 15, 2021. He said the public mentioned flood maps were out of date and there was a discussion of LIDAR data. He also said the local community wanted opportunities to provide input to update these maps. Chairman Martinez also said the communities are hard pressed to get the data they need to get the funding for flood mitigation projects. He also mentioned in Marfa there was a loss of life due to a recent flooding that swept away a man in his vehicle while crossing a low road. Annette Gutierrez mentioned she would be composing Minutes from the meeting.

**4. Review and approve the minutes for the meeting held on May 20, 2021.**

Dave Hall made a motion to accept the Minutes from May 20, 2021. Gisela Dagnino seconded the motion. Chairman Martinez called for a vote and the motion was approved.

**5. Texas Water Development Board (TWDB)- Updates and Presentation**

Richard Bagans, Planner, TWDB Regional Flood Planning, provided an update to the group. He informed the group the Legislature appropriated an additional 10 million dollars to the flood planning effort that may become available after September 1, 2021. TWDB sent a survey to all the regions asking their thoughts about the additional funding and have received them back and now are in the process of determining how to allocate the funds to the regions. Contract amendments will be issued once they are available. He also mentioned there were errors in TWDB's building datasets that were identified by Bryan Blaisdell from AECOM, which are now being corrected and there is another dataset based on LIDAR that is set to come out soon, so please be on the lookout for it in Mid-August. Gisela Dagnino asked about the additional funding if it is to go towards the current tasks or if new contracts will need to be issued. Richard said the additional funds will go to Rio Grande Council of Governments (RGCOG) through an amendment but was not sure if the funds will be utilized by AECOM or if another contractor will be utilized. Dave Hall also asked how much funding was available to AECOM currently because he was trying to determine what tasks they should be working on. Annette Gutierrez told the group she would send out AECOM's Task Budget for everyone to review. Richard Bagans also mentioned to the group the funding may go towards additional flood management evaluations.

**6. Update from Liaisons from both Region 15 – Lower Rio Grande Regional Flood Planning Group, Vanessa Rosales-Herrera, and Region 14-Upper Rio Grande Regional Flood Planning Group, Sarah Douglas.**

Sarah Douglas summarized Region 15's meeting to the group. She mentioned Commissioner David Garza asked how all we would reach communities that are not involved in order to include their input. Kristina from HALFF explained that they would share their contact list to find those not included. Commissioner Garza stressed a strong emphasis on outreach. They also discussed between the Flood Planning Group and the GLO's flood studies, which covers their area.

There was no report from Vanessa Rosales-Herrera from the Lower Rio Grande Regional Flood Planning Group because she was not on the call. Annette Gutierrez mentioned she is not with the City of Eagle Pass anymore and it now with Texas Department of Transportation. Ms. Rosales-Herrera did inform Annette that she wanted to continue serving on the flood planning group.

**7. AECOM-Progress to Task 1 – Planning Area Description & 8. AECOM-Progress to Task 10 – Public Participation as it relates to Task 1 of the Region 14 URGRFPG Regional Flood Plan**

Gilbert Andujo led the discussion. He discussed both agenda items seven and eight. He introduced the AECOM team. He then turned the presentation over to Chris Wright, Deputy Project Manager. Chris Wright outlined the presentation. He covered the following:

- General Overview of the AECOM Team
- Tasks as they relate to the Scope of Work
- Maps with relevant data that they will be using in the study
- Deeper Dive with Tasks 1 & 2
- Stakeholder community survey, which will be going out in the next couple of weeks
- General Schedule
- Wrap up with meetings they will be having to include setting up subcommittees

**8. Discussion of Old Business**

Chairman Martinez asked Annette Gutierrez if there was any old business to discuss. Ms. Gutierrez informed the group the flood planning website will be going live on August 6, 2021. She also stated she would be sending an email to inform them of the web address.

**9. General public comments**

There were no comments made.

**10. Consider date and agenda items for next meeting**


The group decided Annette Gutierrez would take a doodle poll to determine when the next meeting will be.

**11. Adjourn**

Sal Masoud made a motion to adjourn. Dave Hall seconded the motion. Chairman Martinez called for a vote and the motion was approved unanimously.

9/7/2021

Date

  
Javier Acosta, Secretary

**Meeting Minutes**  
**Region 14 Upper Rio Grande Flood Planning Group Meeting**  
**Thursday, 9.7.2021**

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (x) / Absent ( ) / Alternate Present (*)</u>
Omar L. Martinez, Chair	<i>Water districts</i>	✓
Oscar D. "Jay" Ornelas	<i>Agricultural interests</i>	✓
Gilberto Saldana Jr.	<i>Counties</i>	✓
Jeff Bennett	<i>Environmental interests</i>	✓
Sal Masoud	<i>Industries</i>	✓
Javier Acosta	<i>Municipalities</i>	✓
David "Dave" Hall	<i>Public</i>	✓
Rene Rodriguez	<i>Small business</i>	✓
Gisela Dagnino	<i>Water utilities</i>	✓
Vacant	<i>Flood districts</i>	
Levi Bryand	<i>Water Utilities</i>	✓
Rick Tate	<i>River authorities</i>	
Carlos Velarde	<i>Public</i>	✓

<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent( )/ Alternate Present (*)</u>
James Weaver	Texas Parks and Wildlife Department	✓
Sarah Douglas	General Land Office/Region 14 Liaison	✓
Richard Bagans	Texas Water Development Board	✓
Anita Keese	Texas Commission on Environmental Quality	✓
Vanessa Rosales-Herrera	Region 15 Liaison	✓
Delbert Humberson	International Boundary Water Commission	✓
Tim Frere	Texas Division of Emergency Management	
Larissa Place	Texas Department of Agriculture	
Ben Wilde	Texas State Soil and Water Conservation Board	



Others Present:	
Annette Gutierrez, RGCOG	Gilbert Andujo, AECOM
Matt Nelson, TWDB	Bryan Blaisdell, AECOM
Reem Zoun, TWDB	Chris Wright, AECOM
Morgan White, TWDB	Jeff Irvin - AECOM, PIC
Ty Edwards, MPGCD	Alejandra Marco - AECOM
Ashlyn Bain	Lily Cartwright - AECOM
	Martin Bartlett, Barracuda Communications

**1. Welcome and call to order**

Chairman Omar Martinez welcomed the group and confirmed that a quorum was present. The meeting started at 9:09 am.

**2. Recognition of guests**

Chairman Martinez recognized voting, non-voting members, AECOM members and the public.

**3. Member updates**

Chairman Omar Martinez mentioned El Paso County experienced severe rain and flooding recently and also said that El Paso Water Utilities experienced a sewer line beak and the sewage is being diverted into the American Canal. Jeff Bennett asked how soon it should be resolved. Chairman Martinez did not have an estimated timeline for completion.

**4. Review and approve the minutes for the meeting held on August 5, 2021.**

Sal Masoud made a motion to accept the Minutes from August 5, 2021. Rene Rodriguez seconded he motion. Chairman Martinez called for a vote and the motion was approved.

**5. Texas Water Development Board (TWDB)- Updates and Presentation**

Richard Bagans informed the group that the Governor’s emergency declaration expired and the Texas Open Meetings Act is in effect. He explained the requirements. The flood planning groups met virtually to discuss what options were available to them. He also mentioned the state legislature appropriated additional funding to this initiative. TWDB sent a survey in July to determine how the allocation should be distributed. They have reviewed and compiled the requests and are taking these items to the board in late September. More news will be shared around that time. He also said Task 2 is being extended to allow the data collection modeling future conditions request from all regions a longer time period needed to run the model only once. All other deliverables are due January 7th. Last, later this month there will be a payment request webinar for the flood planning groups. Dave Hall asked if the extension for all three deliverables received a two-month extension. Richard Bagans mentioned all others are due January 7th; including the Tech Memo.

**6. Update from Liaisons from both Region 15 – Lower Rio Grande Regional Flood Planning Group, Vanessa Rosales-Herrera, and Region 14-Upper Rio Grande Regional Flood Planning Group, Sarah Douglas.**

Sarah Douglas reported the group received a presentation from Half Associates and discussed flood plain maps.

## **7. AECOM General RFP Updates**

AECOM presented the following items:

Task 1 (Planning Area Description)

- Overview of recent El Paso flooding
  - Local floodplain regulation and development codes
  - Agricultural and natural resources
  - Socioeconomic characteristics
  - Previously identified flood mitigation projects (existing local/regional flood plans)

–Task 2

- Evaluating best available floodplain data
  - Exposure/vulnerability analysis

–Subcommittee Meetings

–Road Show Meetings

–Public Outreach Survey & Stakeholder Coordination

## **8. AECOM Road Show Planning**

Jeff Bennett made a motion to have the El Paso Roadshow in October and in February have the others in Pecos and Presidio. Martin Bartlett mentioned the El Paso meeting will more than likely be the week of October 18th or the 25th. Dave Hall seconded the motion. Chairman Martinez called for a vote and the motion was approved.

## **9. AECOM Subcommittee Meeting Planning Subcommittee 1-Tasks 3A/3B**

Dave Hall made a motion to appoint the members below to Subcommittee 1. Gilbert Saldana seconded the motion. Chairman Martinez called for a vote and the motion was approved.

- Omar Martinez-Voting Member
- Javier Acosta-Voting Member
- Gilbert Saldana-Voting Member
- Carlos Velarde-Voting Member
- Dave Hall-Voting Member
- Levi Bryand-Voting Member
- Gisela Dagnino-Voting Member
- Rick Tate-Voting Member

## **Subcommittee 2-Tasks 4B ( c )**

Sal Masoud made a motion to appoint the members below to Subcommittee 2. Gisela Dagnino seconded the motion. Chairman Martinez called for a vote and the motion was approved.

- Omar Martinez-Voting Member
- Javier Acosta-Voting Member
- Jeff Bennett-Voting Member
- Gilbert Saldana-Voting Member

- Carlos Velarde-Voting Member
- Dave Hall-Voting Member
- Levi Bryand-Voting Member
- Gisela Dagnino-Voting Member
- Jay Ornelas-Voting Member

Sal Masoud made a motion to rescind the group approved by the group. Dave Hall seconded the motion. Chairman Martinez called for a vote and the motion was approved.

Sal Masoud made a motion to appoint the members below to Subcommittee 2. Dave Hall seconded the motion. Chairman Martinez called for a vote and the motion was approved.

- Omar Martinez-Voting Member
- Javier Acosta-Voting Member
- Jeff Bennett-Voting Member
- Gilbert Saldana-Voting Member
- Carlos Velarde-Voting Member
- Dave Hall-Voting Member
- Levi Bryand-Voting Member
- Gisela Dagnino-Voting Member
- Jay Ornelas-Voting Member
- Delbert Humberson-Non-Voting

#### **Subcommittee 3-Task 4B (a-b)**

Gisela Dagnino made a motion to appoint the members below to Subcommittee 3. Jay Ornelas seconded the motion. Chairman Martinez called for a vote and the motion was approved.

- Delbert Humberson-Non-Voting Member
- Omar Martinez-Voting Member
- Sal Masoud-Voting Member
- Jeff Bennett-Voting Member
- Levi Bryand-Voting Member
- Gisela Dagnino-Voting Member

#### **Subcommittee 4-Task 8**

Gilbert Saldana made a motion to appoint the members below to Subcommittee 4. Jeff Bennett seconded the motion. Chairman Martinez called for a vote and the motion was approved.

- Gilbert Saldana-Voting Member
- Anita Keese-Non-Voting Member
- Omar Martinez-Voting Member
- Sal Masoud-Voting Member
- Levi Bryand-Voting Member
- Gisela Dagnino-Voting Member
- Delbert Humberson-Non-Voting Member

### **10. AECOM Survey & Stakeholder Coordination**

AECOM covered the coordination information in the general updates.

**11. Discussion of Old Business**

Chairman Martinez asked Annette Gutierrez to review the website with the group. She presented where the members can access the information.

**12. General public comments**

There were no public comments from the general public.

**13. Consider date and agenda items for next meeting**


October 5th will be the next meeting date and if any member wants to attend physically, they may do so at the El Paso County Water Improvement District; if not they can attend virtually. The Fathom dataset was asked aqua strategies is preparing it. A draft memo will be available to the group for review. It will be included in Chapter 1. Adding subcommittee section.

**14. Chair Adjourn**

Jeff Bennett made a motion to adjourn at 11:09 am. Gilbert Saldana seconded the motion. Chairman Martinez called for a vote and the motion was approved.

1/31/22

Date

  
\_\_\_\_\_  
Javier Acosta  
Secretary

Meeting Minutes  
 Region 14 Upper Rio Grande Flood Planning Group Meeting  
 Friday, October 15.2021

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (✓)/Absent (X) / Alternate Present (*)</u>
Omar L. Martinez, Chair	Water districts	X
Oscar D. "Jay" Ornelas	Agricultural interests	✓
Gilberto Saldana Jr.	Counties	✓
Jeff Bennett	Environmental interests	✓
Sal Masoud	Industries	✓
Javier Acosta	Municipalities	✓
David "Dave" Hall	Public	✓
Rene Rodriguez	Small business	X
Gisela Dagnino	Water utilities	✓
Vacant	Flood districts	
Levi Bryand	Water Utilities	✓
Rick Tate	River authorities	X
Carlos Velarde	Public	✓
<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent( )/ Alternate Present (*)</u>
James Weaver	Texas Parks and Wildlife Department	X
Sarah Douglas	General Land Office/Region 14 Liaison	X
Richard Bagans	Texas Water Development Board	✓
Anita Keese	Texas Commission on Environmental Quality	✓
Vanessa Rosales-Herrera	Region 15 Liaison	X
Delbert Humberson	International Boundary Water Commission	✓
Tim Frere	Texas Division of Emergency Management	X
Larissa Place	Texas Department of Agriculture	X
Ben Wilde	Texas State Soil and Water Conservation Board	X
Others Present:		
Annette Gutierrez, RGCOG	Gilbert Andujo, AECOM	
Matt Nelson, TWDB	Bryan Blaisdell, AECOM	
Reem Zoun, TWDB	Chris Wright, AECOM	
Morgan White, TWDB	Jeff Irvin - AECOM, PIC	
Ty Edwards, MPGCD	Alejandra Marco - AECOM	
Ashlyn Bain	Lily Cartwright - AECOM	
	Martin Bartlett, Barracuda Communications	

**1. Welcome and call to order**

Dave Hall chaired the meeting on behalf of Chairman Martinez who could not attend. He welcomed the group and received confirmation that a quorum was present. The meeting started at 12:06 am.

**2. Recognition of guests**

Dave Hall asked if there were any guests who would like to be recognized at this time. Gisela Dagnino informed the group that Enrique Ochoa will be serving as her proxy for these meetings if she cannot attend. Annette Gutierrez, Rio Grande Council of Governments (RGCOG) informed Gisela that an agenda item that will request for proxies will be forthcoming in a future meeting.

**3. Member updates**

Dave Hall asked if there were any updates from the members. There were no updates from the group and Mr. Hall moved onto the next agenda item.

**4. Review and approve the minutes for the meeting held on September 7 2021.**

Sal Masoud made a motion to accept the Minutes from September 7, 2021. Gisela Dagnino seconded the motion. Dave Hall called for a vote and the motion was approved.

**5. Texas Water Development Board (TWDB)- Updates and Presentation**

Richard Bagans provided the group with some updates. He mentioned the additional funding that was allocated by TWDB, is in draft contract form and will be available to the sponsors next week for their review. He also mentioned the Tech Memo's will still be due January with the exception of the geodatabase files that have been extended. Therefore, the group still has an opportunity to approve the Tech Memo deliverables at a late November meeting or early December, to allow the Consultants enough time to submit. Richard also reminded the group if they are going to vote on determining flood mitigation and floodplain management goals or to approve a process for identifying potential FMEs and potentially feasible FMSs and FMPs, it will require a fourteen-day notice. Therefore, he recommended the group table agenda items eleven and twelve. He recommended discussion can still happen, but no vote. The group discussed the possibility of having their next meeting on November 2<sup>nd</sup> and still being able to post with to meet the fourteen-day requirement. Finally, Richard also informed the group that TWDB can now approve the AECOM contract once the group votes on agenda item #7.

**6. Update from Sarah Douglas, Liaison for Region 15 Upper Rio Grande Regional Flood Planning Group.**

There was no report from Sarah Douglas.

**7. Discussion and potential action regarding the updated task budget and expense budget to submitted to the Texas Water Development Board in a budget memo**

Annette Gutierrez presented the group with the budget memo that was submitted to the TWDB. The purpose of the memo was to request permission to revise the allocations per task as requested by AECOM to Rio Grande Council of Governments. Gisela Dagnino made a motion to accept the updated

task budget and expense budget that was submitted to TWDB in a budget memo. Jeff Bennett seconded the motion. Dave Hall called for a vote and the motion was approved.

**8. Discussion and potential action regarding administrative expenses to be submitted to the Texas Water Development Board for reimbursement**

Annette Gutierrez requested to table this agenda item because RGCOG was not prepared to submit the documentation.

**9. AECOM GENERAL UPDATES**

AECOM provided updates on the Stakeholder Survey Outreach, Task 1, 2, 3, and 4. They also provided a summary on some of the "Threatened and Endangered Species".

**10. Consider, discuss and take action for Adoption of Specific, Minimum Floodplain Management or Land Use Standards based on recommendation from Subcommittee 1**

Based on clarification provided by Richard Bagans, the agenda item was tabled because it requires a 14-day public notice.

**11. Consider, discuss and take action for Adoption of Flood Mitigation and Floodplain Management Goals based on recommendation from Subcommittee 1**

Based on clarification provided by Richard Bagans, the agenda item was tabled because it requires a 14-day public notice.

**12. Consider, discuss and take action to confirm general FMEs and FMS evaluation method proposed during Subcommittee 3 meeting**

Gisela Dagnino made a motion to confirm the general FMEs and FMS evaluation method proposed during Subcommittee 3 meeting. Levi Bryand seconded the motion.

**13. Update from Subcommittee 2 meeting**

AECOM provided an update from Subcommittee 2 but no action was taken.

**14. Road Show Dates & Public Participation**

Martin Bartlett, Barracuda Communications, reminded the group of the Flood Planning Group's Open House that will be held at the El Paso TechH2O Center. He thanked El Paso Water for their support with this effort. He also informed the group the Open House will also be conducted in February of 2022 in Pecos and Presidio, then finally wrapping up one last public hearing in El Paso in early summer.

**15. Survey & Stakeholder Coordination**

Martin Bartlett, Barracuda Communications, stated there will be a shift in focus from the survey to the Open House that will be on October 27. Barracuda sent correspondence to all municipalities in Hudspeth and El Paso County. He also showed how much media coverage there was covering the flood planning group, the surveys and the Open House. He also mentioned the team has now received over one-hundred surveys. The planning group has now received survey responses from every county within its service area.

**16. Updated Roadmap, Schedule reminder/Goals for next Meeting**

Gilbert Andujo provided an updated roadmap for the group. He provided the following information:

Upcoming RFPG General Meetings (Tuesdays at 9am MST/10am CST)

- November 2
- November 30

Upcoming Subcommittee meetings

- Subcommittee 1 –Task 3A/3B -Evaluation and Recommendations on Floodplain Management/Flood Mitigation and Floodplain Measurement Goals: October 21
- Subcommittee 3 –Task 4B(a-b) -Identification and Evaluation of Potential Flood Management Evaluations and Flood Management Strategies (FMEs and FMSs): October 22
- Continue contacting community representatives and stakeholders to collect survey responses
- Continue publicizing the survey response opportunity
- Consolidate data collection results from survey and map viewer (extended survey closing date to October 15)
- Organize/hold El Paso Open House: October 27
- Continue existing and future condition flood risk analyses (Task 2)

Identify/outline potential minimum RFPG standards + flood mitigation, floodplain management goals, and recommendations based on Subcommittee 1 feedback and community survey responses (Task 3)

Identify/outline flood mitigation needs by subregion for Needs Analysis (Task 4A)

Identify/outline potential flood solutions (FMEs, FMSs, FMPs) (Task 4B)

Dave Hall asked if AECOM could provide the planning group a draft memo by November 30. Gilbert Andujo from AECOM stated they could try but if is not possible the group will receive it in early December. Annette Gutierrez, RGCOG reminded the group they could go to [www.urpfpg.org](http://www.urpfpg.org), under meeting notices or calendar. Bryan Baisdell and Chris Wright proposed several dates to the group. Bryan stated that all subcommittees should meet for a final time prior to November 15<sup>th</sup>. Once the subcommittees have met and taken action on what items to recommend, the agenda for the November 30, 2021, general membership meeting will be posted.

The two also stated the draft Tech Memo will be distributed by December 3, 2021, for the group to review. The general membership will then meet either December 16<sup>th</sup> or 17<sup>th</sup> to vote on the memo. If the group identifies that more work needs to be done for the memo, the group can reconvene the first week of January. Once approved, AECOM will submit the Tech Memo by January 7, 2021.

#### **17. Discussion of Old Business**

There was no old business discussed.

#### **18. General public comments**

There were no public comments.



**19. Consider date and agenda items for next meeting**

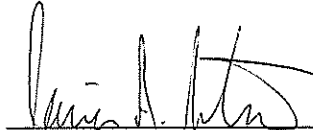
This item was previously discussed by the group.

**20. Adjourn**

Gisela Dagnino made a motion to adjourn and seconded by Jeff Bennett. The meeting adjourned at 2:04 pm. Dave Hall called for a vote and the motion was approved. The meeting adjourned at 2:04 pm.

Nov 2, 2021

Date



Javier Acosta  
Secretary

**Meeting Minutes**  
**Region 14 Upper Rio Grande Flood Planning Group Meeting**  
**Tuesday, November 2, 2021**

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (✓)/Absent (X) / Alternate Present (*)</u>
Omar L. Martinez, Chair	<i>Water districts</i>	✓
Oscar D. "Jay" Ornelas	<i>Agricultural interests</i>	X
Gilberto Saldana Jr.	<i>Counties</i>	✓
Jeff Bennett	<i>Environmental interests</i>	✓
Sal Masoud	<i>Industries</i>	✓
Javier Acosta	<i>Municipalities</i>	✓
David "Dave" Hall	<i>Public</i>	✓
Rene Rodriguez	<i>Small business</i>	✓
Gisela Dagnino	<i>Water utilities</i>	✓
Vacant	<i>Flood districts</i>	
Levi Bryand	<i>Water Utilities</i>	✓
Rick Tate	<i>River authorities</i>	X
Carlos Velarde	<i>Public</i>	✓
<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent( )/ Alternate Present (*)</u>
James Weaver	Texas Parks and Wildlife Department	✓
Sarah Douglas	General Land Office/Region 14 Liaison	✓
Richard Bagans	Texas Water Development Board	✓
Anita Keese	Texas Commission on Environmental Quality	✓
Vanessa Rosales-Herrera	Region 15 Liaison	X
Delbert Humberson	International Boundary Water Commission	✓
Tim Frere	Texas Division of Emergency Management	X
Larissa Place	Texas Department of Agriculture	✓
Ben Wilde	Texas State Soil and Water Conservation Board	X
Others Present:		
Annette Gutierrez, RGCOG	Jeff Irvin - AECOM, PIC	
Morgan White, TWDB	Lily Cartwright - AECOM	
Matt Nelson, TWDB	Susan Roth, P.E.	
James Bronikowski, TWDB	Judy Albus, Texas State Soli and Water Conservation District	
Gilbert Andujo, AECOM	Enrique Ochoa, EPW	
Bryan Blaisdell, AECOM	Lisa McCracken Mairs -USACE SWG	
Chris Wright, AECOM		

**1. Welcome and call to order**

Chairman Martinez welcomed the group and received confirmation that a quorum was present. The meeting started at 9:16 am.

**2. Recognition of guests**

Chairman Martinez asked if there were any guests who would like to be recognized at this time. There were none.

**3. Member updates**

Chairman Martinez asked if there were any updates from the members. Dave Hall mentioned there was a Citizens Forum on October 28<sup>th</sup>, hosted by the International Water Boundary Commission (IBWC). He said there was a lot of discussion about levees and projects, so the work the flood planning group is doing is complementary of what others are talking about. Chairman Martinez mentioned the group said there will be openings if anyone is interested in joining. Delbert Humberson provided a link to the presentations from the event in case anyone wanted to view the information.

**4. Review and approve the minutes for the meeting held on October 15, 2021.**

Dave Hall made a motion to accept the Minutes from October 15, 2021 with the correction of the utilization of the appropriate symbol to indicate what members were present at the meeting. Levi Bryand seconded the motion. Omar L. Martinez called for a vote and the motion was approved. Chairman Martinez abstained from the vote because he was not present at the meeting.

**5. Texas Water Development Board (TWDB)- Updates and Presentation**

Richard Bagans provided the group with some updates. He mentioned the additional funding that was allocated by TWDB, is in draft contract form and Rio Grande Council of Governments (RGCOG) and AECOM should be able to bring the contract amendment to the group at the November 30<sup>th</sup> meeting. He also reminded the group there are several items in the Tech Memo that will not be due until March but through an email that was sent out recently, TWDB provided clarification on which items are due in January for the Tech Memo. Richard also mentioned the AECOM team has brought forward several questions to TWDB about projects that overlap state boundaries, accreditation of levees, and modeling of different dams along with the Rio Grande. Reem Zoun, James Bronikowski, along with Ricard Bagans, are working with them and will provide some responses soon.

**6. Update from Sarah Douglas, Liaison for Region 15 Upper Rio Grande Regional Flood Planning Group.**

Sarah Douglas informed the group Region 15 has a new TDEM representative to the group, Bryan Hertech. The group also reviewed Tasks 1, 3b, and 4. The group also worked towards identifying their goals. They are six of them. They included, education, outreach, flood warning readiness, flood studies and analysis, and structure elevation/flood proofing.

**7. Discussion and potential action regarding administrative expenses to be submitted to the Texas Water Development Board for reimbursement**

Annette Gutierrez requested to table this agenda item because RGCOG was not prepared to submit the documentation.

## **8. AECOM GENERAL UPDATES**

AECOM provided some general updates to the group. Bryan Blaisdell informed the group that AECOM has been holding several subcommittee meetings, to include Subcommittee 1 –Task 3A/3B - Evaluation and Recommendations on Floodplain Management/Flood Mitigation and Floodplain Measurement Goals and Subcommittee 3 – Task 4B(a-b) - Identification and Evaluation of Potential Flood Management Evaluations and Flood Management Strategies (FMEs and FMSs). AECOM also continues to conduct public/stakeholder outreach that includes the El Paso Open House Meeting on October 27, verifying responses from key stakeholders and reaching out to fill remaining data gaps for Task 1, they have performed existing and future condition flood risk analyses for Task 2. AECOM has been drafting flood mitigation and floodplain management goals/recommendations for vote by Subcommittee 1 for Task 3, as well as identifying/outlining flood mitigation needs by subregion for Needs Analysis Task 4A and identifying/outlining potential flood solutions (FMEs, FMSs, FMPs) (Task 4B). He also a preliminary draft Tech Memo will be available for the November 30<sup>th</sup> meeting and the official draft Tech Memo will be available on December 3<sup>rd</sup> to allow for public comment and discussion on it for a general meeting in the middle of December.

Jeff Bennett asked if the flood management projects, evaluations and strategies will be identified this month. Bryan said they will be identifying them but this is not the only opportunity to identify these items. The group will still be able to identify them after the submittal of the Tech Memo.

Bryan also mentioned there will be upcoming URGFPG General Meetings on Tuesday, at 9am MST/10am CST on November 30. In addition, there will several upcoming Subcommittee meetings for Subcommittee 1 –Task 3A/3B - Evaluation and Recommendations on Floodplain Management/Flood Mitigation and Floodplain Measurement Goals on November 4 and potential 4th meeting between November 10-12. For Subcommittee 2 – Task 4B(c) - Identification and Evaluation of Potential Flood Mitigation Projects (FMPs), there will also be a meeting on November 4 and November 15. Subcommittee 3 – Task 4B(a-b) - Identification and Evaluation of Potential Flood Management Evaluations and Flood Management Strategies (FMEs and FMSs) will be on November 10. He also outlined the actions to vote for the next November 30 URGFPG meeting. He stated what items for review need to be posted for public review by November 15. The items will show the minimum URGFPG standards (Task 3A), flood mitigation, floodplain management goals (Task 3B), and formalize a process for identifying FMEs, FMSs, and FMPs (Task 4B).

Gilbert Andujo from AECOM, provided an update on the budget progress to date. He showed a chart outlining the percentage of completion per task. In total, AECOM will be requesting update to \$364,000 in reimbursement from TWDB.

## **9. AECOM – SUBCOMMITTEE UPDATES**

Bryan provided an update on Subcommittee 1 and Chris Wright updated the group on Subcommittees 3. They both He summarized the presentation slides that were previously presented to the group.

**10. AECOM - EL PASO OPEN HOUSE MEETING UPDATE**

Marina Monsisvais from Barracuda Public Relations provided the update. She summarized the events of the Open House. She stated thirty people attended the event. There was a lot of activity on the Roll plots and with people updating their flood information on the laptops. Chairman Martinez provided several interviews to new media outlets. The next round of meetings will be in Presidio and Pecos. Chairman Martinez asked for Barracuda Public Relations to inform the group how they are going to do the outreach for the next two meetings. Marina said she would.

**11. Consider date and agenda items for next meeting**

The next meeting set was for November 30, 2021, at 9:00 am.

**12. Adjourn**

Gisela Dagnino made a motion to adjourn and seconded by Jeff Bennett. Chairman Martinez called for a vote and the motion was approved. The meeting adjourned at 10:03 am.

V3V22

Date



Javier Acosta, Secretary

AMENDED AGENDA  
 REGION 14. UPPER RIO GRANDE FLOOD PLANNING GROUP  
 GENERAL MEETING  
 Tuesday, November 30, 2021  
 9:00 A.M. (MDT)  
 8037 Lockheed, Suite 100 TX 79925

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (✓)/Absent ( X ) / Alternate Present ( * )</u>
Omar L. Martinez, Chair	<i>Water districts</i>	✓, present for agenda items 1-7
Oscar D. "Jay" Ornelas	<i>Agricultural interests</i>	X
Gilberto Saldana Jr.	<i>Counties</i>	✓
Jeff Bennett	<i>Environmental interests</i>	✓
Sal Masoud	<i>Industries</i>	✓
Javier Acosta	<i>Municipalities</i>	✓
David "Dave" Hall	<i>Public</i>	✓, physically present-Chair
Rene Rodriguez	<i>Small business</i>	✓
Gisela Dagnino	<i>Water utilities</i>	✓
Vacant	<i>Flood districts</i>	X
Levi Bryand	<i>Water Utilities</i>	✓
Rick Tate	<i>River authorities</i>	X
Carlos Velarde	<i>Public</i>	✓
<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent( )/ Alternate Present ( * )</u>
James Weaver	Texas Parks and Wildlife Department	X
Sarah Douglas	General Land Office/Region 14 Liaison	X
Richard Bagans	Texas Water Development Board	✓
Anita Keese	Texas Commission on Environmental Quality	✓
Vanessa Rosales-Herrera	Region 15 Liaison	X
Delbert Humberson	International Boundary Water Commission	✓
Judy Lucio	Texas Division of Emergency Management	✓
Larissa Place	Texas Department of Agriculture	✓
Ben Wilde	Texas State Soil and Water Conservation Board	X
Others Present:		
Annette Gutierrez, RGCOG	Jeff Irvin - AECOM, PIC	
Morgan White, TWDB	Lily Cartwright - AECOM	
Matt Nelson, TWDB	Alejandra Marcos - AECOM	
James Bronikowski, TWDB	Judy Albus, Texas State Soil and Water Conservation District	
Gilbert Andujo, AECOM	Gonzalo Cedillos	
Bryan Blaisdell, AECOM	Lisa McCracken Mairs -USACE SWG	
Chris Wright, AECOM		

1. Welcome and call to order  
Dave Hall chaired the meeting on behalf of Chairman Martinez. He welcomed the group and received confirmation that a quorum was present. The meeting started at 9:04 am.
2. Recognition of guests  
Dave Hall asked if there were any guests who would like to be recognized at this time. There were none.
3. Member updates  
Dave Hall asked if there were any updates from the members. There were none.
4. Review and approve the minutes for the meeting held on November 2, 2021.  
Jeff Bennett made a motion to accept the Minutes from November 2, 2021. Sal Masoud seconded the motion. Dave Hall called for a vote and the motion was approved.
4. Update from Sarah Douglas, Liaison for Region 15 Upper Rio Grande Regional Flood Planning Group.  
Sarah Douglas was not present at the meeting. Therefore, there was no update provided.
5. Flood Planning Members assignment of Proxies  
Omar Martinez made a motion for each voting and non-voting member to assign up to two proxies on behalf of themselves and send that information to Annette Gutierrez, Rio Grande Council of Governments (RGCOG). Gisela Dagnino seconded the motion. Dave Hall called for a vote and the motion was approved.
6. Texas Water Development Board (TWDB) - Update  
Richard Bagans provided the group with some updates. He discussed the contract amendments with the group. He said Region 14 was allocated an additional \$660,400 that is to go to additional outreach, data collection, and to perform Flood Mitigation Evaluations. The flood planning group will still be required to submit their regional plan by 2022. However, the group will be able to incorporate an amendment to include the additional tasks. He also reminded the group they will be voting on approving the Tech Memo at the December meeting and if approved it will then be sent on to TWDB by the January 7<sup>th</sup> deadline.
7. "Discussion and potential action to authorize the Planning Group Sponsor to negotiate and execute an amendment to the Regional Flood Planning Grant contract with the TWDB, to incorporate additional funding for the first cycle of regional flood planning, including necessary revisions to the contract scope of work and budget."  
  
Jeff Bennett made a motion to authorize the RGCOG to negotiate and execute an amendment to the Regional Flood Planning Grant contract with the TWDB, to incorporate additional funding for the first cycle of regional flood planning, including necessary revisions to the contract scope of work and budget. Gisela Dagnino seconded the motion. Dave Hall called for a vote and the motion was approved.
8. "Discussion and potential action to authorize the Planning Group Sponsor to negotiate and execute an amendment to the Regional Flood Planning Grant subcontract with the technical consultant, AECOM, to incorporate additional funding for the first cycle of regional flood planning, including necessary revisions to the contract scope of work and budget."

Gisela Dagnino made a motion to authorize the RGCOG to negotiate and execute an amendment to the Regional Flood Planning Grant subcontract with the technical consultant, AECOM, to incorporate additional funding for the first cycle of regional flood planning, including necessary revisions to the contract scope of work and budget.” Rene Rodriguez seconded the motion. Dave Hall called for a vote and the motion was approved.

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

Gisela Dagnino made a motion to accept the administrative expenses as presented to the Texas Water Development Board. Gilbert Saldana seconded the motion. Dave Hall called for a vote and the motion was approved.

10. AECOM provided general updates and information related to the Technical Memorandum.
11. Discussion and action to vote for recommendations on floodplain management standards per §361.35

Levi Bryand made a motion to approve to adopt a region-specific minimum standards and recommendations along with a specific list defining standards or recommendations. Sal Masoud seconded the motion. Dave Hall called for a vote and the motion was not approved.

Levi Bryand then made a motion to approve region-specific recommendations for floodplain management standards. Sal Masoud seconded the motion. Dave Hall called for a vote and the motion was approved.

12. Discussion and action to vote for adoption of the overarching flood mitigation and floodplain management goals for the Region 14 regional flood plan per §361.36. b

Rene Rodriguez made a motion to adopt the short-term and long-term goals as presented. Gisela Dagnino seconded the motion. Dave Hall called for a vote and the motion was approved.

13. Discussion and action to vote for approval of the documented process used by the UFGRFPG to identify and evaluate potential Flood Management Evaluation (FME)s, and potentially feasible Flood Mitigation Project (FMP)s and Flood Management Strategy (FMS)s per §361.38.

Rene Rodriguez made a motion for the approval of process to identify and evaluate potential FMEs, FMSs, and FMPs as described in the 11/16/21 Technical Memorandum. The motion was seconded by Jeff Bennett. Dave Hall called for a vote and the motion was approved.

14. Adjourn

Jeff Bennett made a motion to adjourn and was seconded by Rene Rodriguez. Dave Hall called for a vote and the motion was approved. The meeting adjourned at 10:45 am.

V3V22

Date

  
Secretary, Javier Acosta



AMENDED AGENDA  
 REGION 14. UPPER RIO GRANDE FLOOD PLANNING GROUP  
 GENERAL MEETING  
 Thursday, December 16, 2021  
 9:00 A.M. (MDT)  
 8037 Lockheed, Suite 100 TX 79925

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (✓)/Absent ( X ) / Alternate Present ( * )</u>
Omar L. Martinez, Chair	<i>Water districts</i>	✓, physically present-Chair
Vacant	<i>Agricultural interests</i>	X
Gilberto Saldaña Jr.	<i>Counties</i>	✓
Jeff Bennett	<i>Environmental interests</i>	✓
Sal Masoud	<i>Industries</i>	✓
Javier Acosta	<i>Municipalities</i>	✓
David "Dave" Hall	<i>Public</i>	✓, physically present
Rene Rodriguez	<i>Small business</i>	X
Marvin Gomez for Gisela Dagnino	<i>Water utilities</i>	✓
Vacant	<i>Flood districts</i>	X
Levi Bryand	<i>Water Utilities</i>	✓
Rick Tate	<i>River authorities</i>	X
Carlos Velarde	<i>Public</i>	✓
<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent( )/ Alternate Present ( * )</u>
James Weaver	Texas Parks and Wildlife Department	X
Sarah Douglas	General Land Office/Region 14 Liaison	✓
Richard Bagans	Texas Water Development Board	✓
Anita Keese	Texas Commission on Environmental Quality	✓
Vanessa Rosales-Herrera	Region 15 Liaison	X
Delbert Humberson	International Boundary Water Commission	✓
Judy Lucio	Texas Division of Emergency Management	✓
Larissa Place	Texas Department of Agriculture	X
Judy Albus for Ben Wilde	Texas State Soil and Water Conservation Board	✓
Others Present:		
Annette Gutierrez, RGCOG	Jeff Irvin - AECOM, PIC	
Gilbert Andujo, AECOM	Patricia Garcia-Barracuda PR	
Bryan Blaisdell, AECOM	Alejandra Marco - AECOM	
Chris Wright, AECOM		

1. Welcome and call to order

Chairman Omar Martinez welcomed the group and received confirmation that a quorum was present. The meeting started at 9:05 am.

2. Recognition of guests

Chairman Martinez asked if there were any guests who would like to be recognized at this time. There were none.

3. Member updates

Chairman Martinez asked if there were any updates from the members. There were none.

4. Public Comments

Chairman Martinez asked if there were any public comments from the public. There were none.

5. Review and approve the minutes for the meeting held on November 30, 2021.

Sal Masoud made a motion to accept the Minutes from November 30, 2021. Jeff Bennett seconded the motion. Chairman Martinez called for a vote and the motion was approved.

6. Update from Sarah Douglas, Liaison for Region 15 Upper Rio Grande Regional Flood Planning Group.

Sarah Douglas informed the group she was not able to attend Region 15's meeting but requested a summary of the meeting. She stated she would pass along the information as soon as it is available.

7. Update

Annette Gutierrez, Rio Grande Council of Governments (RGCOG) asked for Richard Bagans, Texas Water Development Board (TWDB), to provide an update on behalf of the agency. He mentioned the contract amendment for additional funds is being processed by the Board. Also reminded the group the Tech Memo is due January 7, 2022 and the group will need to vote on their approval today. He also said there will be an email to be distributed by the Board providing the Technical Consultants how to submit the Tech Memo and how to access their OneDrive. There were also two conference calls held recently, one for Technical Consultants and one for Chairs. The Board covered technical guidelines and clarifications for Technical Consultants and the presentation can be found on their website. The Chairs Call covered what is going on across the State. Both calls are being held quarterly. He mentioned many regions are having meetings this week as well. Finally, he reminded the group, as stated by their bylaws, at their next meeting, they will need to vote on officers for the new year.

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

Annette Gutierrez requested to table the agenda item because there were no reimbursement requests at this time.

9. AECOM General RFP Updates

Gilbert Andujo, introduced the AECOM and Barracuda Public Relations to the group. Patricia Garcia informed the group of the status of their Open House meetings in Pecos and Presidio on February 9<sup>th</sup> and 10<sup>th</sup>. Gilbert next asked Chris Wright to present on the final

recommendations from the previous meeting of Subcommittee 2. Sal Masoud made a motion to submit the recommendations from Subcommittee 2 as follows:

- 1) Approval of refinement of screening process for selection of potentially feasible regional FMPs for Projects not included in the City of El Paso/El Paso Water Stormwater Master Plan, or the El Paso County Stormwater Master Plan, including all process refinements discussed during the subcommittee meeting held 12/14/21. AECOM will have the opportunity to review approximately how many of the 9 currently identified projects, plus other additional projects yet to be considered, can be evaluated based on time/budget to reduce the number of projects further.
- 2) Approval of selection of 25 potentially feasible FMPs from the 2021 City of El Paso/El Paso Water SWMP, including all refinements to the screening process discussed during the subcommittee meeting held 12/14/21. EPWater will have the opportunity to submit a revised list before the next Subcommittee 2 meeting. AECOM will have the opportunity to review approximately how many of the 25 projects can be evaluated based on time/budget to reduce the number of projects further.
- 3) Approval of selection of 19 potentially feasible FMPs from the 2021 El Paso County SWMP, including all refinements to the screening process discussed during the subcommittee meeting held 12/14/21. El Paso County will have the opportunity to submit a revised list before the next Subcommittee 2 meeting. AECOM will have the opportunity to review approximately how many of the 19 projects can be evaluated based on time/budget to reduce the number of projects further.

The motion was seconded by Dave Hall. Chairman Martinez called for a vote and the motion was approved.

10. AECOM Discussion and adoption of the Technical Memo as presented by AECOM with authorization of Consultant/Political Subdivision to make non-substantial edits and submittal of the final Tech Memo to the TWDB.

Jeff Bennett made a motion to approve the Technical Memo as presented by AECOM with authorization of Consultant/Political Subdivision to make non-substantial edits and submittal of the final Tech Memo to the TWDB. Gilbert Saldaña seconded the motion. Chairman Martinez called for a vote and the motion was approved.

11. AECOM Discussion of TWDB responses to AECOM questions regarding levees  
Chris Wright provided the update to the group.

12. Chair Set next meeting date

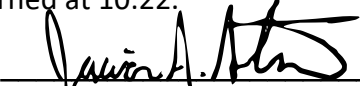
As recommended by AECOM, the group will be meeting sometime between January 24 thru 27. Annette Gutierrez stated she would also send out a doodle poll to determined meetings for subcommittee 2 and 3.

13. Chair Adjourn

Jeff Bennett made a motion second by Dave Hall adjourned at 10:22.

2/28/22

Date

  
Secretary, Javier Acosta

AGENDA  
 REGION 14. UPPER RIO GRANDE FLOOD PLANNING GROUP  
 GENERAL MEETING  
 Wednesday, February 2, 2022  
 9:00 A.M. (MDT)  
 8037 Lockheed, Suite 100 TX 79925

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (✓)/Absent ( X ) / Alternate Present ( * )</u>
Omar L. Martinez, Chair	<i>Water districts</i>	✓
Vacant	<i>Agricultural interests</i>	
Gilberto Saldaña Jr.	<i>Counties</i>	✓
Jeff Bennett	<i>Environmental interests</i>	✓
Sal Masoud	<i>Industries</i>	✓
Javier Acosta	<i>Municipalities</i>	✓
David "Dave" Hall	<i>Public</i>	✓, physically present-served as Chair
Rene Rodriguez	<i>Small business</i>	X
Marvin Gomez for Gisela Dagnino	<i>Water Utilities</i>	✓
Vacant	<i>Flood districts</i>	X
Levi Bryand	<i>Water Utilities</i>	✓
Rick Tate	<i>River authorities</i>	X
Carlos Velarde	<i>Public</i>	✓
<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent(✓ )/ Alternate Present ( * )</u>
James Weaver	Texas Parks and Wildlife Department	✓
Sarah Douglas	General Land Office/Region 14 Liaison	✓
Richard Bagans	Texas Water Development Board	✓
Anita Keese	Texas Commission on Environmental Quality	✓
Vanessa Rosales-Herrera	Region 15 Liaison	X
Delbert Humberson	International Boundary Water Commission	✓
Judy Lucio	Texas Division of Emergency Management	✓
Larissa Place	Texas Department of Agriculture	X
Judy Albus for Ben Wilde	Texas State Soil and Water Conservation Board	✓
Others Present:		
Annette Gutierrez, RGCOG	Jeff Irvin - AECOM, PIC	
Gilbert Andujo, AECOM	Lily Cartwright, AECOM	
Bryan Blaisdell, AECOM	Susan Roth, PE, Susan Roth Consulting	
Chris Wright, AECOM	Patricia Garcia-Barracuda PR	
Alejandra Marco, AECOM	James Bronikowski	

1. Welcome and call to order

Dave Hall served as Chair for Omar Martinez. He welcomed the group and received confirmation that a quorum was present. The meeting started at 9:02 am.

2. Recognition of guests

Dave Hall asked if there were any guests who would like to be recognized at this time. There were none.

3. Member updates

Dave Hall asked if there were any updates from the members. There were none.

4. Public Comments

Dave Hall asked if there were any public comments from the public. There were none.

5. Review and approve the minutes for the meeting held on December 16, 2021.

Levi Bryand made a motion to accept the Minutes from December 16, 2021. Gilbert Saldaña seconded the motion. Dave Hall called for a vote and the motion was approved.

6. Update from Sarah Douglas, Liaison for Region 15 Upper Rio Grande Regional Flood Planning Group.

Sarah Douglas informed the group there was no update at this time.

7. Discussion on membership from subcommittees as it relates to a potential quorum of the flood planning group.

Annette Gutierrez, Rio Grande Council of Governments (RGCOG) asked for Richard Bagans, Texas Water Development Board (TWDB), to provide an update on behalf of the agency before the group discussed the membership of subcommittees. He mentioned AECOM submitted their tech memo to TWDB prior to the deadline. TWDB has deemed it administratively complete and has allowed AECOM to move forward with Task 5. He also reminded the group the next deadline is March 7<sup>th</sup> where extension deliverables are due pertaining to geo-database files. He mentioned the contract amendment for additional funds is being processed by the Board. The Officers election will happen at the second meeting, part of bylaws. Last, he mentioned there will be a Chairs Conference Call in March. The Legal Division will provide an Open Meetings Act overview to the group.

Richard Bagans next discussed the membership from subcommittees as they relate to a potential quorum of the flood planning group. Richard stated, after receiving guidance from TWDB, during subcommittee meetings, the number of planning group members participating may be so many that a quorum of the flood planning group may be established. He noted our region has a large number of members participating but they are being posted as subcommittees. He offered two options. First, if the group wants to continue having subcommittees, they may do so but limit the number of participants so that a quorum of the full membership does not exist. Secondly, the group may forego the subcommittees, have a flood planning group meeting and limit the agenda to specific items related to the topics identified from the subcommittees. Annette Gutierrez asked if the group if they would be open

to having their March meeting be a General Flood Planning Meeting rather than a Subcommittee 2 meeting. The group conferred with AECOM and they agreed it would be appropriate to move forward in this manner.

Next they discussed Subcommittee 1,3, & 4. AECOM stated there would no longer be meetings for Subcommittee 1 since the goals were met. AECOM stated they anticipated having a meeting for Subcommittee 3 in late February and Subcommittee 2 in the middle of March. Their focus over the next several months will be for those two subcommittees. He also mentioned the thought for Subcommittee 4 was to do away with it and treat the process as a workgroup where AECOM will reach out to individuals separately to gather the information and then present it to the group.

Annette summarized to the group that the February 28<sup>th</sup> meeting will focus on subcommittee 3 primarily and the next general meeting will be between March 14-18 to focus on Subcommittee 2.

Dave Hall asked for AECOM to consider forming a small group for Subcommittee 4 if they are in need of gathering more responses, then convening a small group may be beneficial.

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

Jeff Bennett made a motion to approve the expenses as presented. The total amount requested from AECOM was \$154,247.71, for the period of October 1, 2021-December 31, 2021. Omar Martinez seconded the motion. Dave Hall called for a vote and the motion was approved.

9. AECOM General RFP Updates

- Upcoming Open House Meetings in Pecos and Presidio
- Update on Region 14 Fathom 3m Flood Risk Data
- 2022 RFP Road Map/upcoming meeting schedule

Bryan presented agenda items 9 through 11 to the planning group.

12. Discussion and action to vote for approval of recommendations from Subcommittee 3 (FMEs/FMSs)

Sal Masoud made a motion to approve any refinements to the list of FMEs and FMSs included in the 1/7/22 Tech Memo resulting from discussions in this subcommittee meeting to recommend to the URG Regional Flood Planning Group. Omar Martinez seconded the motion. Dave Hall called for a vote and the motion was approved.

13. Discussion and action to vote for approval of recommendations from Subcommittee 2 (FMPs)

Omar Martinez made a motion for the following:

- Approval of the creation of tiers according to 5 projects in each category
- Approval of refined prioritization tables and overall method for prioritization of potentially feasible FMP evaluations (as shown in Alt 3) discussed during this meeting for recommendation to RFPG.

- Approval of applying additional funding of \$58,000 toward Task 4, as needed for recommendation to RFPG.

Levi Bryand seconded the motion. Dave Hall called for a vote and the motion was approved.

14. Chair Set next meeting date

The group agreed to set the next flood planning meeting for February 28, 2022, at 9:00 am., MST. March 14-18 poll.

15. Chair Adjourn

Levi Bryand made a motion to adjourn. Sal Masoud seconded the motion. Dave Hall called for a vote and the motion was approved. The meeting adjourned at 10:42.

2/28/22  
Date

Javier A. Acosta  
Secretary, Javier Acosta

REGION 14. UPPER RIO GRANDE FLOOD PLANNING GROUP  
 GENERAL MEETING MINUTES  
 Monday, February 28, 2022  
 9:00 A.M. (MDT)  
 8037 Lockheed, Suite 100 TX 79925

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (✓)/Absent ( X ) / Alternate Present (*)</u>
Omar L. Martinez, Chair	<i>Water districts</i>	✓, physically present
Vacant	<i>Agricultural interests</i>	
Vacant	<i>Generating Electric Utilities</i>	
Gilberto Saldaña Jr.	<i>Counties</i>	✓
Jeff Bennett	<i>Environmental interests</i>	✓
Sal Masoud	<i>Industries</i>	✓
Javier Acosta	<i>Municipalities</i>	✓
David "Dave" Hall	<i>Public</i>	✓, physically present
Rene Rodriguez	<i>Small business</i>	✓
Gisela Dagnino	<i>Water Utilities</i>	✓
Levi Bryand	<i>Water Utilities</i>	✓
Rick Tate	<i>River authorities</i>	X
Carlos Velarde	<i>Public</i>	✓
<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(✓)/Absent(X)/ Alternate Present (*)</u>
James Weaver	Texas Parks and Wildlife Department	✓
Vacant	General Land Office/Region 14 Liaison	
Richard Bagans	Texas Water Development Board	✓
Anita Keese	Texas Commission on Environmental Quality	✓
Vanessa Rosales-Herrera	Region 15 Liaison	X
Delbert Humberson	International Boundary Water Commission	X
Judy Lucio	Texas Division of Emergency Management	X
Larissa Place	Texas Department of Agriculture	✓
Judy Albus for Ben Wilde	Texas State Soil and Water Conservation Board	✓
Others Present:		
Annette Gutierrez, RGCOG	Alejandra Marco, AECOM	
Gilbert Andujo, AECOM	Jeff Irvin - AECOM, PIC	
Bryan Blaisdell, AECOM	Dr. Apurba Boarh, IBWC	
Chris Wright, AECOM	Patricia Garcia-Barracuda PR	



**1. Welcome and call to order**

Chairman Omar Martinez welcomed the group and received confirmation that a quorum was present. The meeting started at 9:02 am.

**2. Public Comments**

There were no public comments.

**3. Review and approve the Minutes for the meeting held on February 2, 2022, & December 16, 2022**

Annette Gutierrez explained that only February 2, 2022, Minutes needed to be approved and the December 16, 2021 Minutes had already been approved. Dave Hall made a motion to accept the Minutes from February 2, 2022. Sal Masoud seconded the motion. Chairman Martinez called for a vote and the motion was approved.

**4. Review and approve the Minutes for the 4th Subcommittee 3 meeting held on January 12, 2022**

Sal Masoud made a motion to accept the Minutes from Subcommittee 3 meeting held on January 12, 2022. Dave Hall seconded the motion. Chairman Martinez called for a vote and the motion was approved.

**5. Review and approve the Minutes for the 5th Subcommittee 2 meeting held on January 27, 2022**

Gisela Dagnino made a motion to accept the Minutes from Subcommittee 2 meeting held on January 27, 2022. Jeff Bennett seconded the motion. Chairman Martinez called for a vote and the motion was approved.

**6. Liaison for Region 15 Lower Rio Grande Regional Flood Planning Group**

Annette Gutierrez informed the group that Sarah Douglas is no longer working for the General Land Office and submitted her resignation from the Flood Planning Group and as the Liaison for Region 15. Dave Hall made a motion to nominate Jeff Bennett to serve as the Liaison for Region 15. Omar Martinez seconded the motion. Chairman Martinez called for a vote and the motion was approved.

**7. Election of Officers for Calendar Year 2022 (Chair, Vice-Chair, Secretary)**

Annette Gutierrez informed the group that in addition to the positions noted in the agenda, two at-large positions also need to be voted on. However, since it was not posted, Ms. Gutierrez will post these items on the next agenda. Dave Hall made a motion to nominate the current Officers for Calendar Year 2022. Levi Bryand seconded the motion. Chairman Martinez called for a vote and the motion was approved.

**8. Discussion and potential action regarding administrative expenses to be submitted to the Texas Water Development Board for reimbursement**

Gisela Dagnino made a motion to accept the administrative expenses presented. Dave Hall seconded the motion. Chairman Martinez called for a vote and the motion was approved.

**9. Take action on vacancies for Agriculture and Generating Utilities**

Jeff Bennett made a motion to accept Kenton Martin as the member representing Electric Generating Utilities and Dr. Zhuping Sheng as the member representing Agriculture. Gisela Dagnino seconded the motion. Chairman Martinez called for a vote and the motion was approved.

**10. Updates from Richard Bagans**

Richard Bagans informed the group that the Tech Memorandum has deliverables that are due March 7<sup>th</sup>. He said the deliverables are GIS based. He also mentioned for the Tech Memorandum that was submitted in January, it is going under content review by the Board and informal comments should be provided to the group and the consultants in late April. He also said the contract amendments for additional funding for the tasks that were included is currently in DocuSign, where several TWDB staff need to sign. Once this is completed, it will be sent to RGCOG for execution. He said the RGCOG can then amend its subcontract with AECOM. He also said that payment requests have been slower to complete but the Board is working with RGCOG to get expenses paid. He mentioned the Board will be having a conference call with the technical consultants later this afternoon and there will be a Chairs conference call on Wednesday, March 2<sup>nd</sup>. Richard also praised AECOM for seeking clarification and presenting questions to the Board.

**11. Pecos/Presidio Open House Meeting Updates**

Patricia Garcia from Barracuda PR, informed the group that a total of five people signed up for the Pecos meeting at Odessa the College Center. The average attendee stayed for 1 to 1.5 hours. This allowed for ample time for engagement in conversation, input and completing the comment cards. Most of the respondents were concerned about safety issues related to flooding and those that had been affected by flooding in the last 5 years said they sustained \$10,000 to \$20,000 of flood-related damage to their business or property. She also reported on the media coverage for the event.

In Presidio, eight people signed in for the Presidio public meeting. The average attendee stayed for 1 hour to 1.5 hours. As in the previous meeting, this provided ample time for engagement in conversation, input and completing comment cards. Five comment cards were completed and received. While most attendees indicated they had not been directly affected by flood damage, they did indicate that their commute had been interrupted by flooding. Of those who did indicate flood damage, the financial costs were \$10,000 or below. There was also media coverage provided for this event.

**12. Discussion of in-progress Technical Memorandum (March 7) deliverables as presented by AECOM with authorization of Consultant to submit completed draft deliverables to the TWDB**

Gisela Dagnino made a motion to give the authorization of the consultant to submit the completed draft deliverables to Texas Water Development Board. Rene Rodriguez seconded the motion. Chairman Martinez called for a vote and the motion was approved.

**13. Discussion related to Subcommittee 3 (FMEs/FMSs)**

Chris Wright provided an overview of what was discussed in the last Subcommittee 3 meeting.

**14. Discussion related to Task 8 – Administrative, Regulatory, and Legislative Recommendations**


Jeff Irvin covered this agenda item. He explained what items are included in Task 8. These items included 1) Legislative recommendations, 2) Other regulatory/ admin recommendations 3) Any other recommendations, and 4) Recommendations regarding potential, new revenue-raising opportunities. He also discussed the approach AECOM wants to take that includes an initial workshop.

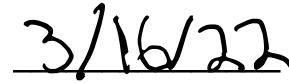
**15. Set next meeting date**

Annette Gutierrez informed the group the next meeting will be between March 14-18, 2022, based on the group's availability.

**16. Adjourn**

Gisela Dagnino made a motion to adjourn. Sal Masoud seconded the motion. Chairman Martinez called for a vote and the motion was approved. The meeting concluded at 11:11.

  
Secretary, Javier Acosta

  
Date

REGION 14. UPPER RIO GRANDE FLOOD PLANNING GROUP  
 GENERAL MEETING MINUTES  
 Tuesday, March 15, 2022  
 9:00 A.M. (MDT)  
 8037 Lockheed, Suite 100 TX 79925

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (✓)/Absent (X) / Alternate Present (*)</u>
Omar L. Martinez, Chair	<i>Water districts</i>	✓
Zhuping Sheng	<i>Agricultural interests</i>	X
Gilberto Saldaña Jr.	<i>Counties</i>	✓
Jeff Bennett	<i>Environmental interests</i>	X
Sal Masoud	<i>Industries</i>	✓
Javier Acosta	<i>Municipalities</i>	✓
David "Dave" Hall	<i>Public</i>	✓
Rene Rodriguez	<i>Small business</i>	
Gisela Dagnino	<i>Water utilities</i>	✓
Vacant	<i>Flood districts</i>	
Levi Bryand	<i>Water Utilities</i>	✓
Rick Tate	<i>River authorities</i>	X
Carlos Velarde	<i>Public</i>	X
<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent( )/ Alternate Present (*)</u>
James Weaver	Texas Parks and Wildlife Department	X
Vacant	General Land Office/Region 14 Liaison	✓
Richard Bagans	Texas Water Development Board	✓
Anita Keese	Texas Commission on Environmental Quality	✓
Vanessa Rosales-Herrera	Region 15 Liaison	X
Delbert Humberson	International Boundary Water Commission	✓
Judy Lucio	Texas Division of Emergency Management	✓
Larissa Place	Texas Department of Agriculture	X
Judy Albus for Ben Wilde	Texas State Soil and Water Conservation Board	✓
Others Present:		
Annette Gutierrez, RGCOG	Jeff Irvin - AECOM, PIC	
Gilbert Andujo, AECOM	Patricia Garcia-Barracuda PR	
Bryan Blaisdell, AECOM	Alejandra Marco - AECOM	
Chris Wright, AECOM	Joanna McKenzie	
Dr. Apura Borah	Marvin Gomez	
Alderman David Cantu		

1. Welcome and call to order

Chairman Omar Martinez welcomed the group and received confirmation that a quorum was present. The meeting started at 9:03.

2. Public Comments

Chairman Martinez asked if there were any public comments from the public. There were none.

3. Review and approve the minutes for the meeting held on February 28, 2022.

Zhuping Sheng made a motion to accept the Minutes from Upper Rio Grande Flood Planning Group meeting held on February 28, 2022. Gisela Dagnino seconded the motion. Chairman Martinez called for a vote and the motion was approved.

4. Selection of two members-at-large for the Executive Committee.

Zhuping Sheng made a motion to appoint Gisela Dagnino, Gilbert Saldana, and David Hall as the At-Large members. Gilbert Saldana seconded the motion. Chairman Martinez called for a vote and the motion was approved.

5. Update from Richard Bagans.

Annette Gutierrez, Rio Grande Council of Governments (RGCOG) asked for Richard Bagans, Senior Regional Flood Planner, Texas Water Development Board (TWDB), to provide an update on behalf of the agency.

Richard Bagans informed the group that AECOM submitted the required March 7<sup>th</sup> deliverables to TWDB. They are currently being reviewed for administrative completeness. He also mentioned TWDB is still reviewing the January 7<sup>th</sup> Tech Memo and their comments should be released around mid-April. He also mentioned there was a chairs conference call as well as one for the technical consultants where they discussed in more detail the FMEs and FMPs. The Director of Flood Planning for TWDB, Reem Zoun, presented at the Texas Floodplain Management Association in Houston recently, where she displayed Region 14's public outreach materials. He also mentioned TWDB is still behind in reimbursing payment requests but they continue to work with AECOM and RGCOG. Finally, he informed the group the contract amendment has been executed to allow for the group to get started for the additional tasks.

6. General RFP Updates/Draft Technical Memorandum through agenda item 13.

Gilbert Andujo led the discussion on behalf of AECOM. He along with Bryan Blaisdell and Chris Wright presented these items.

14. Discussion and Action to Vote for Approval of Additional Potentially Feasible FMPs.

Dave Hall made a motion to approve the potentially feasible FMPs presented. The motion was seconded by Zhuping Sheng. Chairman Martinez called for a vote and the motion was approved.

15. Set next meeting date

Annette Gutierrez informed the group the next meeting will be between April 19 at 9:00 am or week of 18-22, 2022, based on the group's availability.

16. Chairman Omar Martinez Adjourn

Dave Hall made a motion to adjourn. Sal Massoud seconded the motion. Chairman Martinez called for a vote and the motion was approved at 11:58.

4/25/22  
Date

  
Secretary, Javier Acosta

REGION 14. UPPER RIO GRANDE FLOOD PLANNING GROUP  
 GENERAL MEETING MINUTES  
 Thursday, April 21, 2022  
 9:00 A.M. (MDT)  
 8037 Lockheed, Suite 100 TX 79925

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (✓)/Absent ( X ) / Alternate Present ( * )</u>
Omar L. Martinez, Chair	<i>Water districts</i>	✓
Zhuping Sheng	<i>Agricultural interests</i>	✓
Gilberto Saldaña Jr.	<i>Counties</i>	✓
Jeff Bennett	<i>Environmental interests</i>	X
Sal Masoud	<i>Industries</i>	X
Javier Acosta	<i>Municipalities</i>	✓
David "Dave" Hall	<i>Public</i>	✓
Rene Rodriguez	<i>Small business</i>	X
Gisela Dagnino	<i>Water utilities</i>	✓
Vacant	<i>Flood districts</i>	X
Levi Bryand	<i>Water Utilities</i>	✓
Rick Tate	<i>River authorities</i>	X
Carlos Velarde	<i>Public</i>	✓
<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent( )/ Alternate Present ( * )</u>
James Weaver	Texas Parks and Wildlife Department	X
Elijah Casas	General Land Office/Region 14 Liaison	✓
Richard Bagans	Texas Water Development Board	✓
Anita Keese	Texas Commission on Environmental Quality	✓
Vanessa Rosales-Herrera	Region 15 Liaison	X
Delbert Humberson	International Boundary Water Commission	X
Judy Lucio	Texas Division of Emergency Management	✓
Larissa Place	Texas Department of Agriculture	X
Ben Wilde	Texas State Soil and Water Conservation Board	✓
Others Present:		
Annette Gutierrez, RGCOG	Jeff Irvin - AECOM, PIC	
Gilbert Andujo, AECOM	Patricia Garcia-Barracuda PR	
Bryan Blaisdell, AECOM	Alejandra Marco - AECOM	
Chris Wright, AECOM	Alderman David Cantu	
Dr. Apura Borah	Marvin Gomez	
John Gwynn, Doña Ana County		

1. Welcome and call to order

Chairman Omar Martinez welcomed the group and received confirmation that a quorum was present. The meeting started at 9:03.

2. Recognition of guests

Chairman Martinez recognized Alderman David Cantu from San Elizario and John Gwynn from Dona Ana County.

3. Public Comments

Chairman Martinez asked if there were any public comments from the public. There were none.

4. Member updates

Chairman Martinez announced that the AECOM team, along with RGCOG, and himself, assisted Hudspeth County in submitting an appropriations request to Congressman Tony Gonzales's office to establish floodplain management controls in several colonias in Hudspeth County. He encouraged other small communities to seek the Flood Planning Group's assistance in the future.

Tressa Olsen from Texas Water Development Board provided an update. She said that TWDB staff provided informal comments on the January Tech Memo deliverables last week and also mentioned the informal comments for the March 7 deliverables will be provided in May. She reminded the group to submit their executed amended subcontract to your Planner as soon as possible. She also stated there would be a Technical Consultants Call on May 24th and a Chairs Conference Call on May 25<sup>th</sup>. Finally, she mentioned that TWDB sent out a newsletter providing more information on the 60-day public comment requirement and on FMX voting.

5. Review and approve the minutes for the meeting held on March 15, 2022.

Dave Hall made a motion to accept the Minutes from the Upper Rio Grande Flood Planning Group meeting held on March 15, 2022, except for correcting Dr. Zhuping Sheng's attendance. The Minutes stated he was absent when he was present. Jeff Bennett seconded the motion. Chairman Martinez called for a vote and the motion was approved.

6. General RFP Updates & 7 through 12 Agenda Items

Gilbert Andujo from AECOM welcomed the flood planning group. He introduced the AECOM team and asked Bryan Blaisdell to provide the updates. He mentioned they would cover the following topics.

- Upcoming Draft RFP Chapter Target Dates (Submittal to the RFPG)
- Chapter 1 (Task 1 – Planning Area Description): April 2022
- Chapter 3 (Task 3 – Floodplain Management Practices/Goals): May 2022
- Chapter 4 (Task 4 and 5 – FMEs/FMSs/FMPs): June 2022
- Chapter 5-9 (Task 6 through 10 – all remaining chapters): July 1, 2022
- El Paso Wrap-Up Public Meeting: June 2022 - Barracuda has tentatively set the meeting for June 8<sup>th</sup> at the El Paso Independent School District, Central Office
- Draft RFP due to TWDB by August 1, 2022



- El Paso Public Hearing to Obtain Public Feedback on Draft RFP: September 2022
- Incorporate TWDB & Public Input and Adopt Final RFP by January 2023

13. Action to Vote for Recommended FMEs, FMSs, and FMPs

Zhuping Sheng made a motion to approve the 5 FMPs proposed. Gisela seconded the motion. Chairman Martinez called for a vote and the motion was approved.

FMP Name	Description	Project Type	Estimated Project Cost (\$)
HAC3	Sediment/Retention Basin	Sediment/Retention Basin	\$3,000,000
SOC4	Sediment/Detention Basin at "Mankato Arroyo"	Sediment/Retention Basin	\$1,660,000
FAB1	Sediment/Retention Basin	Sediment/Retention Basin	\$3,660,000
MON3	Sediment/Retention Basin	Sediment/Retention Basin	\$29,750,000
SSA4	Detention Basin SSA4	Detention Basin	\$13,900,000
CAN1	Reconstruction of the channel with concrete lining	Channel Improvement	\$1,960,000
EA 10	Detention Basin	Detention/Sediment Basin	\$6,100,000


Jeff Bennett made a motion to accept all the changes presented by AECOM during the presentation ([Click here to see revised information](#)). The motion was seconded by Dave Hall. Chairman Martinez called for a vote and the motion was approved.

14. Next Potential General RFPG Meeting Date May 25<sup>th</sup> will be the next meeting.

15. Adjourn

Jeff Bennett made a motion to adjourn. Dave Hall seconded the motion. Chairman Martinez called for a vote and the motion was approved. The meeting adjourned at 11:07.

5/27/22  
Date

  
Secretary, Javier Acosta

REGION 14. UPPER RIO GRANDE FLOOD PLANNING GROUP  
GENERAL MEETING MINUTES  
Wednesday, May 25, 2022  
1:30 PM (MDT)  
8037 Lockheed, Suite 100 TX 79925

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (✓)/Absent ( X ) / Alternate Present ( * )</u>
Omar L. Martinez, Chair	<i>Water districts</i>	✓
Zhuping Sheng	<i>Agricultural interests</i>	✓
Gilberto Saldaña Jr.	<i>Counties</i>	✓
Jeff Bennett	<i>Environmental interests</i>	✓
Sal Masoud	<i>Industries</i>	✓
Javier Acosta	<i>Municipalities</i>	✓
David "Dave" Hall	<i>Public</i>	✓
Rene Rodriguez	<i>Small business</i>	X
Gisela Dagnino	<i>Water utilities</i>	✓
Vacant	<i>Flood districts</i>	X
Levi Bryand	<i>Water Utilities</i>	✓
Rick Tate	<i>River authorities</i>	X
Carlos Velarde	<i>Public</i>	✓
<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent( )/ Alternate Present ( * )</u>
James Weaver	Texas Parks and Wildlife Department	✓
Elijah Casas	General Land Office/Region 14 Liaison	✓
Richard Bagans	Texas Water Development Board	✓
Anita Keese	Texas Commission on Environmental Quality	✓
Vanessa Rosales-Herrera	Region 15 Liaison	X
Delbert Humberson	International Boundary Water Commission	X
Judy Lucio	Texas Division of Emergency Management	✓
Larissa Place	Texas Department of Agriculture	X
Judy Albus for Ben Wilde	Texas State Soil and Water Conservation Board	✓
Others Present:		
Annette Gutierrez, RGCOG	Alderman David Cantu, City of San Elizario	
Reem Zoun, TWDB – in person	Liz Cassin, American Flood Coalition	
James Bronikowski, TWDB	Chase Krozner, American Flood Coalition	
Gilbert Andujo, AECOM	Carlos Gallinar, City of Socorro	
Bryan Blaisdell, AECOM	Alejandra Valadez, City of Socorro	
Chris Wright, AECOM	Marvin Gomez	
Jeff Irvin, AECOM, PIC	Isela Canava	

Alejandra Marco, AECOM	Carolyn E. Donnelly
Patricia Garcia-Barracuda PR	

1. Welcome and call to order

Chairman Omar Martinez welcomed the group and received confirmation that a quorum was present. The meeting started at 1:34.

2. Public Comments

Chairman Martinez asked if there were any public comments from the public. There were none.

3. Local Flood Projects

Chairman Martinez announced three items. The first was a grant/loan of 10 million dollars that was awarded to the City of Socorro by the Texas Water Development Board through the Flood Infrastructure Fund program. City Development Director, Alejandra Valadez, explained the funding will go to address the Sparks/Arroyo storm drainage project, as well as for channel improvements, and a basin for the onion field area.

Chairman Martinez also announced that Hudspeth County received approval from Congressman Tony Gonzales through his appropriations request for FY 23. For Hudspeth County, the funding would be used to establish a county floodplain management program to address the flood risks associated with rapid urbanization, provide detailed engineering planning and construction funds for addressing current flood risks identified in a 2019 Colonia Area Plan. He thanked AECOM for all of their assistance for Hudspeth County's request.

Also, through Congresswoman Escobar's office, through their appropriations request, EPCWID#1's project was selected to concrete line 1 mile of the Franklin Canal.

Finally, Chairman Martinez mentioned that through the Far West Texas Water Planning Group and Flood Planning Group, these groups are assisting smaller communities to apply for funding. He mentioned many of these communities are limited in their building capacity. Dave Hall asked Reem Zoun, Flood Planning Director, to consider additional funding for communities to tap into technical assistance from other organizations who can assist in preparing applications.

4. Review and approve the minutes for the meeting held on April 21, 2022.

Dave Hall made a motion to accept the Minutes from the Upper Rio Grande Flood Planning Group meeting held on April 21, 2022. Gisela Dagnino seconded the motion. Chairman Martinez called for a vote and the motion was approved.

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

Gisela Dagnino made a motion to accept the administrative expenses of \$231,824.42, from AECOM for the period of January 1, 2022 through March 4, 2022, to the Texas Water

Development Board. Dr. Zhuping Sheng seconded the motion. Chairman Martinez called for a vote and the motion was approved.

6. Updates from Richard Bagans, Texas Water Development Board (TWDB)

Richard reminded the group that TWDB has submitted their second set of informal comments for the Tech Memo, to the regions. He stated the comments are merely suggestions on how to the regions can make the plans better. He also said that on May 24, TWDB held a Technical Consultants Call. During their discussions, it was suggested the group meet one more time in late June to discuss any pending final items prior to submitting the draft plan. Richard also said there would also be a Chair's Call on May 26, where the regions will be discussing what is occurring in their groups. He reminded everyone, the Chairs Call is held quarterly.

He also informed the group that TWDB has executed the contract amendment with RGCOG for the \$666,400, to pay for the additional tasks. He said depending on what the group decides, TWDB will assist RGCOG in submitting a budget memo to identify the revised amounts dedicated to the additional tasks.

Finally, he reminded the group, when scheduling upcoming planning group meetings, the group must have a public meeting where public comments will be accepted on the draft plan. The notice requirement for this meeting is 30 days prior and public comments must be accepted up to 30 days after it is presented. The plan must be located in three physical locations. The group can vote to submit the draft plan before August 1<sup>st</sup>, 2022. However, it is suggested the public comment meeting should happen either in August or September to allow for any of these comments to be incorporated into the final Plan. These next two months will be the most content-heavy months where the Technical Consultant will be releasing the Chapters for the group to review.

Chairman Martinez asked TWDB is already looking at starting up the flood planning process. Richard said it will start up quickly after the State Plan is approved.

7. Presentation from American Flood Coalition

Liz Cassin, Senior Outreach Associate, started the presentation. She thanked the flood planning group for allowing the American Flood Coalition (AFC) to present. She then turned over the presentation to Chase Kronzer, Texas Director for the American Flood Coalition. Mr. Krozner informed the group that the AFC is a 501 ( C ) 3 nonprofit organization and nonpartisan coalition advancing solutions to flooding and sea level rises. The organization has over 280 members nationwide. They are active in 21 states, including Texas. He mentioned the AFC has identified four pillars for coastal and inland solutions. These solutions include the economy, communities, rebuilding, and the military. Mr. Krozner also said that AFC's offers its members education guides, tools for effective communication, networks of leaders on flooding, competitive local resilience pilots, and offers a platform for advocacy and education. Most importantly, he mentioned on the AFC's website is the flood funding finder. This tool breaks down federal grant and technical assistance programs best suited for flooding and se

level rise initiatives. He encouraged everyone to review their information and be prepared to apply for funding that is going to be made available through the infrastructure bill. Finally, he informed the group that any city, county or water district can join the AFC and become a member at no cost. Chairman Martinez inquired if the flood planning group can become a member and Mr. Krozner said he would investigate if that is possible.

8. Request to re-allocate funds within Tasks 11 and 12 for AECOM  
Dave Hall made a motion to allow RGCOG to reallocate funds from Task 12 to 11. The revised amounts will be \$292,996 for Task 11 and \$176,596, for Task 12. Gisela Dagnino seconded the motion. Chairman Martinez called for a vote and the motion was approved.
9. The AECOM team provided the general RFP Updates to the group.
10. Discussion and action to vote on Task 8 – Administrative, Regulatory, and Legislative Recommendations  
Gisela Dagnino made a motion to allow subcommittee 4 to meet on June 16, 2022, for Task 8. Levi Bryand seconded the motion. Chairman Martinez called for a vote and the motion was approved.
11. Discussion and action to vote on Potential Changes to FMEs, FMSs, and FMPs  
Dave Hall made a motion to approve the changes presented to FMEs, FMSs, and FMPs. Dr. Zhuping Sheng seconded the motion. Chairman Martinez called for a vote and the motion was approved.
12. Discussion and action to vote on Task 5 – Recommendation of FMEs and FMSs and Associated FMPs  
Jeff Bennett made a motion to take action on Task 5. Levi Bryand seconded the motion. Chairman Martinez called for a vote and the motion was approved.
13. Discussion and action to vote for the adoption of Revision 2 of the overarching flood mitigation and floodplain management goals for Region 14 Regional Flood Plan per §361.36  
Dr. Zhuping Sheng made a motion to approve the adoption of Revision 2 of the overarching flood mitigation and floodplain management goals for Region 14 Regional Flood Plan per §361.36. Jeff Bennett seconded the motion. Chairman Martinez called for a vote and the motion was approved.
14. Next Potential General RFPG Meeting Date  
Annette Gutierrez stated she would send out a poll to determine what is the most optimal date for the next flood planning meeting between July 19-21. Dave Hall asked for Annette to query the group about meeting sometime between June 20-22 to discuss Chapters 1, 2, and 3, and look at July 13-14, for Chapters 5,6,7,8, and 9.
15. Adjourn

Dave Hall made a motion to adjourn. Jeff Bennett seconded the motion. Chairman Martinez called for a vote and the motion was approved. The meeting adjourned at 4:07 pm.

9/15/22

Date

A handwritten signature in black ink, appearing to read "Javier Acosta", written over a horizontal line.

Javier Acosta, Secretary

REGION 14. UPPER RIO GRANDE FLOOD PLANNING GROUP  
GENERAL MEETING MINUTES  
Thursday, June 30, 2022  
9:00 AM (MDT)  
8037 Lockheed, Suite 100 TX 79925

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (✓)/Absent ( X ) / Alternate Present ( * )</u>
Omar L. Martinez, Chair	<i>Water districts</i>	X
Zhuping Sheng	<i>Agricultural interests</i>	✓
Sal Alonzo for Gilberto Saldaña Jr.	<i>Counties</i>	✓
Jeff Bennett	<i>Environmental interests</i>	X
Sal Masoud	<i>Industries</i>	✓
Javier Acosta	<i>Municipalities</i>	✓
David "Dave" Hall	<i>Public</i>	✓
Rene Rodriguez	<i>Small business</i>	X
Marvin Gomez for Gisela Dagnino	<i>Water utilities</i>	✓
Vacant	<i>Flood districts</i>	
Levi Bryand	<i>Water Utilities</i>	✓
Rick Tate	<i>River authorities</i>	X
Carlos Velarde	<i>Public</i>	X
<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent( )/ Alternate Present ( * )</u>
James Weaver	Texas Parks and Wildlife Department	X
Elijah Casas	General Land Office/Region 14 Liaison	X
Richard Bagans	Texas Water Development Board	✓
Anita Keese	Texas Commission on Environmental Quality	✓
Vanessa Rosales-Herrera	Region 15 Liaison	X
Dr. Apora Borah	International Boundary Water Commission	✓
Judy Lucio	Texas Division of Emergency Management	✓
Lauren Mayes	Texas Department of Agriculture	X
Judy Albus for Ben Wilde	Texas State Soil and Water Conservation Board	X
Others Present:		
Annette Gutierrez, RGCOG	Alejandra Marco, AECOM	
James Bronikowski, TWDB	Alderman David Cantu, City of San Elizario	
Gilbert Andujo, AECOM	Lisa McCracken	
Alejandra Marco, AECOM		
Patricia Garcia-Barracuda PR		

1. Welcome and call to order

Dave Hall served as Chair for Chairman Omar Martinez. He welcomed the group and received confirmation that a quorum was present. The meeting started at 10:00 AM MDT.

2. Public Comments

Mr. Hall asked if there were any public comments from the public. There were none.

3. Review of Chapters 1 and 2

The group reviewed Chapters 1 and 2. The group did not take any action on the chapters.

4. Adjourn

Dr. Zhuping Sheng made a motion to adjourn. Sal Masoud seconded the motion. Mr. Hall called for a vote and the motion was approved. The meeting adjourned at 10:47 a.m.

9/15/22

Date

  
Javier Acosta, Secretary



REGION 14. UPPER RIO GRANDE FLOOD PLANNING GROUP  
 GENERAL MEETING MINUTES  
 Wednesday, July 13, 2022  
 9:30 AM (MDT)  
 8037 Lockheed, Suite 100 TX 79925

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (✓)/Absent ( X ) / Alternate Present ( * )</u>
Omar L. Martinez, Chair	<i>Water Districts</i>	X
Zhuping Sheng	<i>Agricultural Interests</i>	✓
Gilberto Saldaña Jr.	<i>Counties</i>	X
Jeff Bennett	<i>Environmental Interests</i>	✓
Sal Masoud	<i>Industries</i>	✓
Javier Acosta	<i>Municipalities</i>	✓
David "Dave" Hall	<i>Public</i>	✓
Rene Rodriguez	<i>Small Business</i>	X
Gisela Dagnino	<i>Water Utilities</i>	X
Vacant	<i>Flood Districts</i>	
Levi Bryand	<i>Water Utilities</i>	✓
Rick Tate	<i>River Authorities</i>	X
Carlos Velarde	<i>Public</i>	✓
<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent( )/ Alternate Present ( * )</u>
James Weaver	Texas Parks and Wildlife Department	X
Elijah Casas	General Land Office/Region 14 Liaison	X
Richard Bagans	Texas Water Development Board	✓
Anita Keese	Texas Commission on Environmental Quality	✓
Vanessa Rosales-Herrera	Region 15 Liaison	X
Dr. Apurba Borah	International Boundary Water Commission	✓
Judy Lucio	Texas Division of Emergency Management	✓
JD Lawrence	Texas Department of Agriculture	✓
Judy Albus for Ben Wilde	Texas State Soil and Water Conservation Board	✓
Others Present:		
Annette Gutierrez, RGCOG	Jeff Irvin, AECOM	
James Bronikowski, TWDB	Alderman David Cantu, City of San Elizario	
Reem Zoun, TWDB	Joanna McKenzie, Hudspeth County	

1. Welcome and call to order

Dave Hall served as Chair for Chairman Omar Martinez. He welcomed the group and received confirmation that a quorum was present. The meeting started at 9:30 AM MDT.

2. Public Comments

Mr. Hall asked if there were any public comments from the public. There were none.

3. Review of Chapters 3, partial of 4, and 7.

The group reviewed Chapters 1, 3, partial of 4, and 7. The group did not review Chapter 8. The group did not take any action on the chapters.

4. Adjourn

Jeff Bennett made a motion to adjourn. Dr. Zhuping Sheng seconded the motion. Mr. Hall called for a vote and the motion was approved. The meeting adjourned at 11:37 a.m.

9/15/22

Date

  
Javier Acosta, Secretary

REGION 14. UPPER RIO GRANDE FLOOD PLANNING GROUP  
 GENERAL MEETING MINUTES  
 Wednesday, July 20, 2022  
 9:00 AM (MDT)  
 8037 Lockheed, Suite 100 TX 79925

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (✓)/Absent (X) / Alternate Present (*)</u>
Omar L. Martinez, Chair	<i>Water Districts</i>	✓
Zhuping Sheng	<i>Agricultural Interests</i>	✓
Gilberto Saldaña Jr.	<i>Counties</i>	✓
Jeff Bennett	<i>Environmental Interests</i>	✓
Sal Masoud	<i>Industries</i>	✓
Javier Acosta	<i>Municipalities</i>	✓
David "Dave" Hall	<i>Public</i>	✓
Rene Rodriguez	<i>Small Business</i>	X
Gisela Dagnino	<i>Water Utilities</i>	✓
Vacant	<i>Flood Districts</i>	
Levi Bryand	<i>Water Utilities</i>	X
Rick Tate	<i>River Authorities</i>	X
Carlos Velarde	<i>Public</i>	✓
<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent( )/ Alternate Present (*)</u>
James Weaver	Texas Parks and Wildlife Department	
Elijah Casas	General Land Office/Region 14 Liaison	✓
Richard Bagans	Texas Water Development Board	✓
Anita Keese	Texas Commission on Environmental Quality	
Vanessa Rosales-Herrera	Region 15 Liaison	
Dr. Apurba Borah	International Boundary Water Commission	✓
Judy Lucio	Texas Division of Emergency Management	✓
JD Lawrence	Texas Department of Agriculture	✓
Judy Albus for Ben Wilde	Texas State Soil and Water Conservation Board	✓
Others Present:		
Joanna McKenzie		
Ramon Macias		
Alejandra Marco		

1. Welcome and call to order  
Chairman Omar Martinez received confirmation that a quorum was present. The meeting started at 9:04 AM MDT.
2. Public Comments  
Chairman Martinez asked if there were any public comments from the public. There were none.
3. Review and approve the minutes for the meeting held on May 25, 2022, June 30, 202, and July 13, 2022.  
Dr. Zhuping Sheng made a motion to approve the Minutes with the changes noted by Dave Hall for May 25, 2022. Gisela Dagnino seconded the motion. Chairman Martinez called for a vote and the motion was approved.
4. Discussion and potential action regarding administrative expenses to be submitted to the Texas Water Development Board for reimbursement The Administrative Expenses were tabled because no expenses were presented.
5. Updates were provided from Richard Bagans, Texas Water Development Board.
6. General RFP Updates provided were provided by AECOM.
7. Review of Chapters 9 and 10.  
The group reviewed Chapters 9 and 10. The group did not take any action on the chapters.
8. Discussion and action to vote on RFPG Recommendations for FMEs, FMSs, and FMPs  
Dr. Zhuping Sheng made a motion to accept the RFPG recommendations for FMEs, FMSs, and FMPs. The motion was seconded by Dave Hall. Chairman Martinez called for a vote and the motion was approved.
9. Discussion and action to vote on RFPG Chapter 8 Administrative, Regulatory, and Legislative Recommendations from Subcommittee 4. No action was taken.
10. Discussion and action to vote for approval of Draft RFP Deliverables as presented by AECOM with authorization of Consultant/Political Subdivision to make non-substantial edits and submit the Draft RFP Deliverables to TWDB  
Dr. Zhuping Sheng made a motion to approve the draft RFP deliverables as presented by AECOM with authorization of Consultant/Political Subdivision to make non-substantial edits and submit the Draft RFP Deliverables to TWDB. The motion was seconded by Dave Hall. Chairman Martinez called for a vote and the motion was approved.

Dave Hall made a motion to void the motion and adopt the new motion as presented made a motion to approve the draft RFP deliverables as presented by AECOM with authorization of Consultant/Political Subdivision to submit the Draft RFP Deliverables to TWDB including all chapters and digital geodatabases. This assumes there are no significant comments the RFPG will make, which they may

request for chapters yet to be submitted. Dr. Zhuping Sheng seconded the motion. Chairman Martinez called for a vote and the motion was approved.

11. Next Potential General RFPG Meeting Date  
No action was taken on this agenda item.

12. Adjourn  
Jeff Bennett made a motion to adjourn. Levi Bryand seconded the motion. Mr. Hall called for a vote and the motion was approved. The meeting adjourned at 9:30 a.m.

9/19/22  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Javier Acosta, Secretary

REGION 14. UPPER RIO GRANDE FLOOD PLANNING GROUP  
GENERAL MEETING MINUTES  
Tuesday, July 26, 2022  
9:00 AM (MDT)  
8037 Lockheed, Suite 100 TX 79925

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (✓)/Absent ( X ) / Alternate Present ( * )</u>
Omar L. Martinez, Chair	<i>Water Districts</i>	✓
Zhuping Sheng	<i>Agricultural Interests</i>	✓
Gilberto Saldaña Jr.	<i>Counties</i>	✓
Jeff Bennett	<i>Environmental Interests</i>	X
Sal Masoud	<i>Industries</i>	✓
Javier Acosta	<i>Municipalities</i>	✓
David "Dave" Hall	<i>Public</i>	✓
Rene Rodriguez	<i>Small Business</i>	X
Gisela Dagnino	<i>Water Utilities</i>	X
Vacant	<i>Flood Districts</i>	
Levi Bryand	<i>Water Utilities</i>	X
Rick Tate	<i>River Authorities</i>	X
Carlos Velarde	<i>Public</i>	✓
<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent( )/ Alternate Present ( * )</u>
James Weaver	Texas Parks and Wildlife Department	
Elijah Casas	General Land Office/Region 14 Liaison	✓
Richard Bagans	Texas Water Development Board	✓
Anita Keese	Texas Commission on Environmental Quality	
Vanessa Rosales-Herrera	Region 15 Liaison	
Dr. Apurba Borah	International Boundary Water Commission	✓
Judy Lucio	Texas Division of Emergency Management	✓
JD Lawrence	Texas Department of Agriculture	✓
Judy Albus for Ben Wilde	Texas State Soil and Water Conservation Board	✓
Others Present:		
Dr. Al Blair	Jeff Irwin, AECOM	
Alderman David Cantu	Bryan Blaidsdell, AECOM	
Gilbert Andujo, AECOM	Chris Wright, AECOM	

1. Welcome and call to order

Chairman Omar Martinez received confirmation that a quorum was present. The meeting started at 9:01 AM MDT.

2. Public Comments

Chairman Martinez asked if there were any public comments from the public. There were none.

3. Review and approve the minutes for the meeting held on July 20, 2022.

The Minutes will be tabled and presented at the next meeting.

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

The Administrative Expenses were tabled because no expenses were presented in the backup materials.

5. Review of remaining RFP chapters (Chapters 4, 5, 6, and Executive Summary)

The group reviewed Chapter 4. The group did not review Chapters 5, 6, or the Executive Summary. The group did not take any action on the chapters.

6. Adjourn

Dr. Sheng Zhuping made a motion to adjourn. Gilbert Saldaña seconded the motion. Mr. Hall called for a vote and the motion was approved. The meeting adjourned at 9:30 a.m.

9/19/22

Date

  
Javier Acosta, Secretary

REGION 14. UPPER RIO GRANDE FLOOD PLANNING GROUP  
 GENERAL MEETING MINUTES  
 Thursday, July 28, 2022  
 9:00 AM (MDT)  
 8037 Lockheed, Suite 100 TX 79925

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (✓)/Absent (X) / Alternate Present (✓)</u>
Omar L. Martinez, Chair	<i>Water Districts</i>	✓
Zhuping Sheng	<i>Agricultural Interests</i>	✓
Gilberto Saldaña Jr.	<i>Counties</i>	✓
Jeff Bennett	<i>Environmental Interests</i>	X
Sal Masoud	<i>Industries</i>	✓
Javier Acosta	<i>Municipalities</i>	✓
David "Dave" Hall	<i>Public</i>	X
Rene Rodriguez	<i>Small Business</i>	✓
Gisela Dagnino	<i>Water Utilities</i>	X
Vacant	<i>Flood Districts</i>	
Levi Bryand	<i>Water Utilities</i>	X
Rick Tate	<i>River Authorities</i>	X
Carlos Velarde	<i>Public</i>	✓
<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent( )/ Alternate Present (*)</u>
James Weaver	Texas Parks and Wildlife Department	
Elijah Casas	General Land Office/Region 14 Liaison	✓
Richard Bagans	Texas Water Development Board	✓
Anita Keese	Texas Commission on Environmental Quality	
Vanessa Rosales-Herrera	Region 15 Liaison	
Dr. Apurba Borah	International Boundary Water Commission	✓
Judy Lucio	Texas Division of Emergency Management	✓
JD Lawrence	Texas Department of Agriculture	✓
Judy Albus for Ben Wilde	Texas State Soil and Water Conservation Board	✓
Others Present:		
	Jeff Irvin	
Maria Jayni Saenz	Bryan Blaisdell	
Gilbert Anaya	Gilbert Anaya, TWDB	
Reem Zoun		



1. Welcome and call to order  
Chairman Omar Martinez received confirmation that a quorum was present. The meeting started at 9:19 AM MDT.
2. Public Comments  
Chairman Martinez asked if there were any public comments from the public. There were none.
3. Review and approve the minutes for the meeting held July 26, 2022.  
The Minutes will be tabled and will be presented at the next meeting.
4. Update from TWDB, Richard Bagans  
Last major push by the consultants and group before submitting the draft plan, that is due August 1<sup>st</sup>. He reminded the group to post the public meeting and has a requirement for thirty days prior and thirty days after to receive comments. He also reminded the group that at their next meeting they can have Task 12 on the agenda to discuss potential FMEs.
5. Review of remaining RFP chapters  
Jeff Irvin, AECOM, discussed the outcome of the subcommittee 4 meeting.
6. Discussion and action to vote on RFPG Chapter 8 Administrative, Regulatory, and Legislative Recommendations from Subcommittee 4  
Gilbert Saldaña made a motion Rene Rodriguez seconded the motion. Chairman Martinez called for a vote and the motion passed unanimously.
7. Next Potential General RFPG Meeting Date  
The group discussed having the public meeting the week of September 12<sup>th</sup> to determine the best day the group is available.
8. Adjourn  
Rene Rodriguez made a motion to adjourn. Sal Massoud seconded the motion. Chairman Martinez called for a vote and the motion was approved. The meeting adjourned at 9:52 a.m.

9/19/22  
Date

  
Javier Acosta, Secretary

REGION 14. UPPER RIO GRANDE FLOOD PLANNING GROUP  
 GENERAL MEETING MINUTES  
 Wednesday, September 14, 2022  
 1:00 PM (MDT)  
 8037 Lockheed, Suite 100 TX 79925

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (✓)/Absent ( X ) / Alternate Present (✓)</u>
Omar L. Martinez, Chair	<i>Water Districts</i>	✓
Zhuping Sheng	<i>Agricultural Interests</i>	
Gilberto Saldaña Jr.	<i>Counties</i>	✓
Jeff Bennett	<i>Environmental Interests</i>	✓
Sal Masoud	<i>Industries</i>	
Javier Acosta	<i>Municipalities</i>	✓
David "Dave" Hall	<i>Public</i>	✓
Rene Rodriguez	<i>Small Business</i>	
Gisela Dagnino	<i>Water Utilities</i>	✓
Vacant	<i>Flood Districts</i>	
Levi Bryand	<i>Water Utilities</i>	✓
Rick Tate	<i>River Authorities</i>	
Carlos Velarde	<i>Public</i>	✓
<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent( )/ Alternate Present (*)</u>
James Weaver	Texas Parks and Wildlife Department	
Elijah Casas	General Land Office/Region 14 Liaison	✓
Richard Bagans	Texas Water Development Board	
Anita Keese	Texas Commission on Environmental Quality	
Vanessa Rosales-Herrera	Region 15 Liaison	
Dr. Apurba Borah	International Boundary Water Commission	
Judy Lucio	Texas Division of Emergency Management	✓
JD Lawrence	Texas Department of Agriculture	
Judy Albus for Ben Wilde	Texas State Soil and Water Conservation Board	✓
Others Present:		
Annette Gutierrez, RGCOG	Jeff Irvin	
Patricia Garcia	Bryan Blaisdell	
Gilbert Andujo	Chris Wright	

1. Welcome and call to order

Chairman Omar Martinez received confirmation that a quorum was present. The meeting started at 1:06 pm MDT.

2. Public Comments

Chairman Martinez asked if there were any public comments from the public. There were none.

3. Review and approve the minutes for the meeting held July 20, 26, 28, 2022.

The Minutes will be tabled and will be presented at the next meeting. Dave Hall made a motion to approve all of the Minutes. Jeff Bennett seconded the motion. Chairman Martinez called for a vote and the motion was approved.

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

No action was taken on this item.

5. Update from TWDB, Richard Bagans

Richard provided reminders of what is happening at the TWDB currently. He said all plans are at the TWDB right now for review. He stated they will provide level 1 comments, which are remarks that require the contractor to revise and level 2, which are suggestions to the contractor. The comments will be provided at the end of October. He also informed the group that TWDB has received received the contract amendment between RGCOG and AECOM and is under TWDB review right now. He also reminded the group to look out for their newsletters to keep up to date on what is happening.

Dave Hall asked Richard Bagans if level 1 comments are submitted as soon as they are recognized to the contractors or are they being submitted at the end of October. Richard said they anticipate submitting their comments that are level 1 in the next few weeks and all other comments by the end of October.

6. General RFP Updates

AECOM provided general updates to the group.

7. Review of RFPG-approved transfer of RFP Contract Amendment funding from Task 12 to Task 11 for additional data collection (in support of Tasks 1-9) based on previous discussions to include highest priority FMPs in the August 2021 Draft RFP.

AECOM provided recap of how the additional \$666,400 has been reallocated per task.

8. Discussion and possible action to approve Task 12: Perform Identified FMEs, Evaluate and Recommend Additional FMPs and vote to select which FMEs to perform. Dave Hall made a motion to accept the recommendations from AECOM as presented (see slide 26) and Levi Bryand seconded the motion. Chairman Martinez called for a vote and the motion passed unanimously.

9. Next Potential General RFPG Meeting Date

AECOM suggested the group may be able to meet in early November (October 31<sup>st</sup> – November 4th) for the next general meeting and December 5-9 to adopt the Regional Flood Plan. Annette will send out poll.

10. Adjourn

Gisela Dagnino made a motion to adjourn. Dave Hall seconded the motion. Chairman Martinez called for a vote and the motion was approved. The meeting adjourned at 2:20 pm.

12/9/22

Date

  
Javier Acosta, Secretary

REGION 14. UPPER RIO GRANDE FLOOD PLANNING GROUP  
PUBLIC MEETING MINUTES  
Tuesday, November 15, 2022  
9:00 AM (MDT)  
8037 Lockheed, Suite 100 TX 79925

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (✓)/Absent ( X ) / Alternate Present (✓)</u>
Omar L. Martinez, Chair	<i>Water Districts</i>	✓
Zhuping Sheng	<i>Agricultural Interests</i>	✓
Gilberto Saldaña Jr.	<i>Counties</i>	✓
Jeff Bennett	<i>Environmental Interests</i>	X
Sal Masoud	<i>Industries</i>	✓
Javier Acosta	<i>Municipalities</i>	✓
David "Dave" Hall	<i>Public</i>	✓
Rene Rodriguez	<i>Small Business</i>	X
Marvin Gomez for Gisela Dagnino	<i>Water Utilities</i>	✓
Vacant	<i>Flood Districts</i>	
Levi Bryand	<i>Water Utilities</i>	✓
Rick Tate	<i>River Authorities</i>	X
Carlos Velarde	<i>Public</i>	✓
<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent( )/ Alternate Present (*)</u>
James Weaver	Texas Parks and Wildlife Department	X
Elijah Casas	General Land Office/Region 14 Liaison	✓
Richard Bagans	Texas Water Development Board	✓
Anita Keese	Texas Commission on Environmental Quality	X
Vanessa Rosales-Herrera	Region 15 Liaison	X
Dr. Apurba Borah	International Boundary Water Commission	✓
Juan Alaniz	Texas Division of Emergency Management	✓
JD Lawrence	Texas Department of Agriculture	✓
Judy Albus	Texas State Soil and Water Conservation Board	✓
Others Present:		
Annette Gutierrez, RGCOG	Chris Wright, AECOM	
David Cantu, City of San Elizario	Lisa McCracken	
Alejandra Marco, AECOM	Jeff Irvin, AECOM	
John Gwynne	Joanna McKenzie, Hudspeth County	
Clinton Kimball, AECOM		

1. Welcome and call to order  
Dave Hall served as Chairman for the meeting on behalf of Omar Martinez. He received confirmation that a quorum was present. The meeting started at 9:04 MST.
2. Public Comments  
Dave Hall asked if there were any public comments from the public. There were none.
3. Review and approve the minutes for the meeting held September 14, 2022.  
Dr. Sheng made a motion to approve the Minutes. Levi Bryand seconded the motion. Dave Hall called for a vote and the motion was approved.
4. Discussion and potential action regarding administrative expenses to be submitted to the Texas Water Development Board for reimbursement  
Sal Massoud made a motion to approve the administrative expenses as presented, to the Texas Water Development Board. Gilbert Saldaña seconded the motion. Dave Hall called for a vote and the motion was approved.
5. Update from TWDB, Richard Bagans  
Richard Bagans updated the group on TWDB activities.
6. General RFP Updates  
The AECOM Team provided updates to the group on RFPG activities.
7. Discussion of TWDB and public comments on Draft RFP  
AECOM presented all of the comments received by RGCOG on the Draft Plan.
8. Discussion of coordination with cities for Task 12 (performing FMEs for Amended RFP)  
AECOM informed the group of what cities were identified for Task 12.
9. Potential action to vote for approval of changes to Task 12 FMEs to be performed (pending discussion)  
Dr. Sheng made a motion to approve the changes to Task 12 FMEs to be performed as presented. Levi Bryand seconded the motion. Dave Hall called for a vote and the motion was approved. The changes are as follows:

**Potential action to vote on changes to Task 12 FMEs**

- **AECOM will perform partial FME Study for City of El Paso/EPWater FME ID: 41000034**
  - An FME for City SWMP Project, "CE4B" (Gateway Ponds Dewatering Pump Station) will be developed into an FMP with \$25,000 of RFP funding

FME ID	FME Name	Allocated Cost for Amendment Phase
141000034	Develop FMPs for additional projects in City of El Paso/El Paso Water Stormwater Master Plan	\$ 25,000
141000035	Develop FMPs for additional projects from the El Paso County Stormwater Master Plan	\$ 25,000
141000010	Develop city-wide drainage study and stormwater master plan for Pecos	\$ 30,000
141000023	Develop city-wide drainage study and stormwater master plan for Alpine	\$ 35,000
141000021	Develop city-wide drainage study and stormwater master plan for the City of Kermit.	\$ 30,000
141000002	Develop H&H Models for Cibolo Creek and arroyos through the City of Presidio, and develop an FMP for flood reduction of buildings and emergency access roadways.	\$ 30,000

10. Next potential General RFPG meeting date

The group decided to meet at the first part of December and then once again prior to submission

11. Adjourn

Levi Bryand made a motion to adjourn. Sal Massoud seconded the motion. Dave Hall called for a vote and the motion was approved. The meeting adjourned at 10:04 am.

If you wish to provide written comments prior to or after the meeting, please email your comments to [annetteg@riocog.org](mailto:annetteg@riocog.org) and include "Region 14 Upper Rio Grande Flood Planning Group Meeting" in the subject line of the email.

ADDITIONAL INFORMATION

For Additional information or to be notified of future Planning Group meetings, please contact: Region 14 Planning Group Sponsor, at: 915-533-4688, Annette Gutierrez, [annetteg@riocog.org](mailto:annetteg@riocog.org), or Rio Grande Council of Governments: Upper Rio Grande Regional Flood Planning Group Sponsor, 8037 Lockheed, Suite 100, El Paso, Texas, 79925.

12/19/22

Date

  
\_\_\_\_\_  
Javier Acosta, Secretary

REGION 14. UPPER RIO GRANDE FLOOD PLANNING GROUP  
 GENERAL MEETING MINUTES  
 Tuesday, December 6, 2022  
 9:00 AM (MDT)  
 8037 Lockheed, Suite 100 TX 79925

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (✓)/Absent (X) / Alternate Present (✓)</u>
Omar L. Martinez, Chair	<i>Water Districts</i>	✓
Zhuping Sheng	<i>Agricultural Interests</i>	X
Gilberto Saldaña Jr.	<i>Counties</i>	✓
Jeff Bennett	<i>Environmental Interests</i>	✓
Sal Masoud	<i>Industries</i>	✓
Javier Acosta	<i>Municipalities</i>	✓
David "Dave" Hall	<i>Public</i>	✓
Rene Rodriguez	<i>Small Business</i>	X
Gisela Dagnino	<i>Water Utilities</i>	✓
Vacant	<i>Flood Districts</i>	
Levi Bryand	<i>Water Utilities</i>	✓
Rick Tate	<i>River Authorities</i>	X
Carlos Velarde	<i>Public</i>	
<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent(____)/ Alternate Present (*)</u>
James Weaver	Texas Parks and Wildlife Department	X
Elijah Casas	General Land Office/Region 14 Liaison	✓
Richard Bagans	Texas Water Development Board	✓
Anita Keese	Texas Commission on Environmental Quality	✓
Vanessa Rosales-Herrera	Region 15 Liaison	X
Dr. Apurba Borah	International Boundary Water Commission	✓
Juan Alaniz	Texas Division of Emergency Management	X
JD Lawrence	Texas Department of Agriculture	✓
Judy Albus	Texas State Soil and Water Conservation Board	
Others Present:		
Annette Gutierrez, RGCOG	Chris Wright, AECOM	
David Cantu, City of San Elizario	Jeff Irvin, AECOM	
Alejandra Marco, AECOM	Joanna McKenzie, Hudspeth County	
Bryan Blaidell	Marvin Gomez	



1. Welcome and call to order  
Dave Hall served as Chairman for the meeting on behalf of Omar Martinez. He received confirmation that a quorum was present. The meeting started at 9:05 MST.
2. Public Comments  
Dave Hall asked if there were any public comments from the public. There were none.
3. Review and approve the minutes of the meeting held on November 15, 2022.  
Omar Martinez made a motion to approve the Minutes. Gilbert Saldaña seconded the motion. Dave Hall called for a vote and the motion was approved.
4. Update from TWDB, Richard Bagans  
Richard Bagans updated the group on TWDB activities. He provided confirmation that TWDB will only require two hard copies of the Plan and that Consultants must submit the final Plan by January 10. He also reminded the group that for the December 15<sup>th</sup> meeting, materials must be posted seven days prior to the meeting. He also said that payment requests submitted by RGCOG has been approved by TWDB staff and all that is left is for the Accounting staff to release the funds. In terms of rolling over excess funds from the current budget, an email will be sent out explaining how to proceed with that moving those funds.
5. General RFP Updates  
The AECOM Team provided updates to the group on RFPG activities.
6. Review of TWDB and public comments on Draft RFP AECOM
7. Discussion of coordination with stakeholders for Task 12 (performing FMEs for Amended RFP)  
No action was taken on this item.
8. Potential action to vote for approval of changes to Task 12 FMEs to be performed  
Gilbert Saldaña made a motion to select El Paso County project VIN1 as modified in this meeting as the project from FME 141000035 to be studied and defined as an FMP per TWDB guidance. Levi Bryand seconded the motion. Dave Hall called for a vote and the motion was approved.
9. Potential action to vote for approval of responses to TWDB and public comments  
Jeff Bennett made a motion to approve the responses to TWDB and public comments with changes discussed during the meeting. Gisela Dagnino seconded the motion. Dave Hall called for a vote and the motion was approved.
10. Next potential General RFPG meeting date  
RGCOG will inform the group of when the next meeting will be after the December 15<sup>th</sup> meeting.
11. Adjourn  
Levi Bryand made a motion to adjourn. Gilbert Saldaña seconded the motion. Dave Hall called for a vote and the motion was approved. The meeting adjourned at 10:33 am.

---

Date

Note - Final RFP  
submitted prior to  
RFPG approval of  
12/6/2022 meeting  
minutes

---

Javier Acosta, Secretary

REGION 14. UPPER RIO GRANDE FLOOD PLANNING GROUP  
PUBLIC MEETING MINUTES  
Thursday, December 15, 2022  
9:00 AM (MDT)  
8037 Lockheed, Suite 100 TX 79925

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (✓)/Absent ( X ) / Alternate Present (✓)</u>
Omar L. Martinez, Chair	<i>Water Districts</i>	✓
Zhuping Sheng	<i>Agricultural Interests</i>	✓
Gilberto Saldaña Jr.	<i>Counties</i>	✓
Jeff Bennett	<i>Environmental Interests</i>	X
Sal Masoud	<i>Industries</i>	✓
Javier Acosta	<i>Municipalities</i>	✓
David "Dave" Hall	<i>Public</i>	✓
Rene Rodriguez	<i>Small Business</i>	X
Marvin Gomez for Gisela Dagnino	<i>Water Utilities</i>	✓
Vacant	<i>Flood Districts</i>	
Levi Bryand	<i>Water Utilities</i>	✓
Rick Tate	<i>River Authorities</i>	X
Carlos Velarde	<i>Public</i>	✓
<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent(____)/ Alternate Present (*)</u>
James Weaver	Texas Parks and Wildlife Department	X
Elijah Casas	General Land Office/Region 14 Liaison	✓
Richard Bagans	Texas Water Development Board	✓
Anita Keese	Texas Commission on Environmental Quality	X
Vanessa Rosales-Herrera	Region 15 Liaison	X
Dr. Apurba Borah	International Boundary Water Commission	✓
Juan Alaniz	Texas Division of Emergency Management	✓
JD Lawrence	Texas Department of Agriculture	✓
Judy Albus	Texas State Soil and Water Conservation Board	✓
Others Present:		
Annette Gutierrez, RGCOG	Chris Wright, AECOM	
David Cantu, City of San Elizario	Lisa McCracken	
Alejandra Marco, AECOM	Jeff Irvin, AECOM	
John Gwynne	Joanna McKenzie, Hudspeth County	
Clinton Kimball, AECOM		

1. Welcome and call to order  
Dave Hall served as Chairman for the meeting on behalf of Omar Martinez. He received confirmation that a quorum was present. The meeting started at 9:04 MST.
2. Public Comments  
Dave Hall asked if there were any public comments from the public. There were none.
3. Review and approve the minutes of the meeting held on December 6, 2022.  
The Minutes were not presented. Jeff Bennett made a motion to table. Omar Martinez seconded the motion. Dave Hall called for a vote and the motion was approved.
4. Update from TWDB, Richard Bagans  
Richard Bagans updated the group on TWDB activities. Mr. Bagans congratulated the group on their impending approval and submittal of the plan. Two hard copies will be due by January 10<sup>th</sup> to the TWDB. Newsletters will be going out soon explaining how to continue on with the existing tasks. He noted there is one pending payment to be reviewed by TWDB that has been submitted by RGCOG. He also mentioned there is an upcoming Water For Texas Conference. The date is January 23<sup>rd</sup>-January 25, 2023.
5. Discussion and action to vote for approval of Final RFP Deliverables as presented by AECOM with authorization of Consultant/Political Subdivision to make edits finalizing responses to Draft RFP comments submitted by TWDB and the Public and to submit the Final RFP Deliverables to TWDB  
Omar Martinez made a motion to adopt the final RFP deliverables as presented by AECOM with authorization of Consultant/Political Subdivision to make non-substantial edits finalizing responses to Draft RFP comments and submit the Final RFP Deliverables to TWDB. Levi Bryand seconded the motion. Dave Hall called for a vote and the motion was approved.
6. Next potential General RFPG meeting date  
The group decided RGCOG will communicate with AECOM to present potential dates for the next meeting.
7. Adjourn  
Levi Bryand made a motion to adjourn. Sal Massoud seconded the motion. Dave Hall called for a vote and the motion was approved. The meeting adjourned at 10:31 am.

---

Date

Note - Final RFP  
submitted prior to  
RFPG approval of  
12/15/22 meeting  
minutes

---

Javier Acosta, Secretary

## **Appendix 10A.2**

### **Subcommittee 1 Meeting Minutes**

(Evaluation and Recommendations on Floodplain Management Practices/Flood Mitigation and Floodplain Management Goals, Task 3)

**AGENDA**  
**REGION 14. UPPER RIO GRANDE FLOOD PLANNING GROUP**  
**SUBCOMMITTEE 1**  
**MEETING MINUTES**

Thursday, September 30, 2021  
10:00 A.M. (MDT)  
13247 Alameda Ave., Clint, TX 79836

**Subcommittee 1 – Tasks 3A/3B – Evaluation and Recommendations on Floodplain Management Practices/Flood Mitigation and Floodplain Management Goals**

1) Introductions of Subcommittee Members and Interests

Javier Acosta-Professional Engineer-Frank Spencer and Associates in El Paso, Texas, Gilbert Saldana-Senior Civil Engineer for El Paso County, Dave Hall, Carlos Velarde-Civil Engineer for Val Verde County, Levi Bryand-Civil Engineer with LCA in Odessa Texas

Also present were AECOM-Jeff Irvin, Lily Cartwright, Chris Wright, Gilbert Andujo, Bryan Blaisdell, and Tatum Lau

2) Objective of Subcommittee

Bryan Blaisdell lead the discussion. He covered this agenda item. He mentioned the subcommittee will be discussing Tasks 3A/3B – Evaluation and Recommendations on Floodplain Management Practices/Flood Mitigation and Floodplain Management Goals.

3) AECOM provided a presentation of the technical issues.

Bryan Blaisdell presented the following items:

a) Review Regional Floodplain Management and Land Use Practices (Task 3A)

- i) NFIP Requirements
- ii) TFMA Higher Standards
- iii) Subdivision Regulations/Model Subdivision Rules
- iv) Future Development Conditions
- v) **Subcommittee Recommendations to RFPG:** RFPG Path to Adoption of Region-Specific, Minimum Floodplain Management or Land Use Standards (optional)

b) Review Flood Mitigation and Floodplain Management Goals (Task 3B)

- i) Example short-term/long-term goals
- ii) Discussion of region-specific goals
- iii) **Subcommittee Recommendations to RFPG:** RFPG Path to Adoption of Flood Mitigation and Floodplain Management Goals

4) Confirm chair of subcommittee

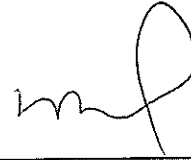
Gilbert Saldana made a motion to have Dave Hall serve as the Chair for Subcommittee 1. Javier Acosta seconded the motion. Chairman Martinez called the vote and the motion was approved.

5) Tentative future meeting dates for subcommittee

Bryan Blaisdell suggested the subcommittee meet every three to four weeks. The subcommittee agreed they would meet again on October 21<sup>st</sup> at 10:00 am. Omar Martinez made a motion to adjourn and Javier Acosta seconded. Chairman Martinez called the vote and the motion was approved.

10/21/2021

Date



Subcommittee 1 Chairman, Dave Hall

**Meeting Minutes**  
**Region 14 Subcommittee 1 Meeting**  
**Thursday, October 21, 2021**

<u>Subcommittee Member</u>	<u>Interest Category</u>	<u>Present (✓)/Absent (X)/Alternate Present (*)</u>
Omar L. Martinez, Chair	<i>Water districts</i>	X
Oscar D. "Jay" Ornelas	<i>Agricultural interests</i>	✓
Gilberto Saldana Jr.	<i>Counties</i>	✓
Javier Acosta	<i>Municipalities</i>	✓
David "Dave" Hall	<i>Public</i>	✓
Gisela Dagnino	<i>Water utilities</i>	✓
Levi Bryand	<i>Water Utilities</i>	✓
Rick Tate	<i>River authorities</i>	X
Carlos Velarde	<i>Public</i>	✓
Others Present:		
Annette Gutierrez, RCGOG	Chris Wright, AECOM	
Richard Bagans, TWDB	Jeff Irvin - AECOM, PIC	
Gilbert Andujo, AECOM	Lily Cartwright-AECOM	
Bryan Blaisdell, AECOM	Tatum Lau-AECOM	

- 1) Subcommittee 1 Chairman Dave Hall welcomed the group.
- 2) Approval of Minutes from September 30, 2021. Omar Martinez made a motion and Levi seconded. Subcommittee 1 Chairman Hall called for a vote and the motion was approved.
- 3) Bryan Blaisdell provided Subcommittee 1 with a roadmap for the group where he highlighted all items that he would discuss. He mentioned the subcommittee could decide on recommendations today for minimum standards and that would give RCGOG enough time to post by October 25 and have the URGFPG vote on November 2<sup>nd</sup>. He also mentioned the Goals could be recommended by the subcommittee at the next meeting, post the notification by November 15, then have the URGFPG vote on November 30.
- 4) Bryan next presented on the differences between the URGFPG Minimum Standards vs. Goals. Subcommittee 1 Chairman asked Bryan what will happen to communities that do not meet the standards in terms of future funding. Bryan explained there are a number of flood funding sources that do not require communities to meet the standards. This requirement will only affect those who are interested in submitting projects to the TWDB after adoption of the plan. Bryan also laid out that communities who don't meet the standards today could use that as an incentive to adopt and apply next go around. Chairman Omar Martinez asked if the group adopts the minimum standards and communities who do not meet the minimum but apply to the Flood Infrastructure Fund (FIF), will that preclude them from receiving funding? Bryan stated it was his understanding that it would. Richard Bagans, TWDB, provided more clarification to the question. He said the group can adopt the minimum standards and the communities could then use this information as a resource to them when considering flood ordinances or if you choose to adopt the minimum flood standards, all Flood

Management Projects (FMPs) will have to adopt those standards to be included in the plan. The FIF is a potential future financial vehicle that may fund FMPs from the plan. He could answer how competitive a project would be if submitted without adoption of minimum standards.

Bryan also reminded the group of the pros and cons of adopting and not adopting the minimum standards. Bryan stated AECOM would like to get a recommendation from the subcommittee whether the minimum standards should be adopted or not. AECOM would also like a recommendation from the subcommittee chooses not to recommend minimum standards that they recommend standards that do not tie anything to the projects serve as a way for the group to serve as a resource and state what they would recommend.

- 5) Bryan next covered a review of the National Flood Insurance Program (NFIP) Requirements/CRS Program. He mentioned about 78% of counties in the region participate in the program. He explained the NFIP could be used as a source for the minimum standards. NFIP is a way for residents to access federal flood insurance. If incorporated communities participate but the County does not, there will not be considered as participating. He mentioned what communities would be impacted if minimum standards were incorporated. He went on to explain more information about the NFIP. Subcommittee Chairman Hall asked how is the SFHA designated? Bryan explained they are approved by FEMA ultimately. He referenced the process El Paso County is going through right now with FEMA is what other communities will experience and how an SFHA will be designated.
- 6) Bryan next covered the stakeholder survey results. As of last week, one hundred surveys were received. Forty percent of the surveys came from community representatives. The survey asked if the minimum standards should be adopted and 77% of the community representatives. He then covered other items within the survey as presented in the slides that highlighted support of following minimum standards and identified potential flood-related issues of concern. They were:
  - i. Insufficient land use standards
  - ii. Development within or near flood prone areas
  - iii. Increased runoff due to development
- 7) Bryan next gave an overview of the Subcommittee Survey Results. He highlighted the three top responses to the question of evaluating potential flood-related needs as they pertain to Region 14. The top answers were:
  - i. Communities need better defined floodplain or land use standards
  - ii. Counties need authority to regulate land use
  - iii. Region-wide need for minimum floodplain standards
- 8) Finally, Bryan laid out discussion topics for the subcommittee that included:
  - URGFPG Minimum Floodplain Management or Land Use Standards – Including Subcommittee Recommendations to RFPG during November 2 RFPG General Meeting
  - URGFPG Flood Mitigation and Floodplain Management Goals (ShortTerm/Long-Term) – Draft goals to be posted on URGFPG website by November 16 and voted on by RFPG during November 30 General Meeting
- 9) The group agreed to meet on November 4, 2021, at 1:30 pm for its 3<sup>rd</sup> meeting.
- 8) Prior to making a motion to adjourn, Chairman Dave Hall asked if anyone from the public had any comment to make. There being none, he asked for a motion to adjourn. Omar Martinez made a motion to adjourn at 11:46 am. Gisela Dagnino seconded the motion. Dave Hall called for a vote and the motion was approved.



11/04/2021

---

Date



---

Subcommittee 1 Chairman, Dave Hall

**Meeting Minutes**  
**Region 14 Subcommittee 1 Meeting**  
**Thursday, November 4, 2021**

<u>Subcommittee Member</u>	<u>Interest Category</u>	<u>Present (✓)/Absent ( X ) / Alternate Present ( * )</u>
Omar L. Martinez, Chair	<i>Water districts</i>	✓
Oscar D. "Jay" Ornelas	<i>Agricultural interests</i>	X
Gilberto Saldana Jr.	<i>Counties</i>	✓
Javier Acosta	<i>Municipalities</i>	✓
David "Dave" Hall	<i>Public</i>	✓
Gisela Dagnino	<i>Water utilities</i>	✓
Levi Bryand	<i>Water Utilities</i>	X
Rick Tate	<i>River authorities</i>	X
Carlos Velarde	<i>Public</i>	✓
Others Present:		
Annette Gutierrez, RGCOG		Chris Wright, AECOM
Richard Bagans, TWDB		Jeff Irvin - AECOM, PIC
Gilbert Andujo, AECOM		Lily Cartwright-AECOM
Bryan Blaisdell, AECOM		Tatum Lau-AECOM

- 1) Subcommittee 1 Chairman Dave Hall welcomed the group at 1:35.
- 2) Approval of Minutes from September 30, 2021.  
 Gisela Dagnino made a motion to approve with the correction of the previous minutes being noted as September 30, 2021. Javier Acosta seconded the motion. Subcommittee 1 Chairman Hall called for a vote and the motion was approved.
- 3) Bryan Blaisdell provided Subcommittee 1 with an overview of the technical issues the subcommittee discussed at the last meeting, as presented in slide 2. He next provided an updated roadmap highlighting important dates. These dates include:
  - Adopted RFPG minimum standards/goals to be included in Technical Memorandum (due to RFPG on Dec 3rd)
  - Goals + Recommendations for Minimum Standards/Adoption of Minimum Standards
  - Subcommittee 1 recommendation – Nov 4 + Nov 11
  - Public notification – Nov 15
  - RFPG adoption - Nov 30

Bryan next presented the updated draft of the Short-Term/Long Term Goals. He asked the subcommittee if there was any additional feedback they wanted to give at this time. Bryan next discussed the yellow highlighted items shown on the document. He explained they would be defined by the next subcommittee meeting and they will go to a vote. The focus of today's meeting is to complete the list of goals and next week the subcommittee will define the criteria used to measure those goals. He then covered agenda items 4-8. Prior to participating in a series of polls to verify the preference of goals from the subcommittee, Subcommittee Chairman Hall made some statements

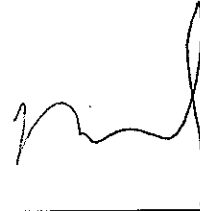
about Region 15's Goals. He cross walked their goals against Region 14's. Nearly all of the goals were similar with the exception of the standards. He also said he will be inquiring with the group if they want to make any changes. Bryan next presented the group with the new goals that included Goal 20 to 25. For Each goal, Bryan polled the subcommittee whether they should consider the goal and what the time-frame for the goal should be. Bryan made the changes to the goals as suggested by the subcommittee members.

The group next talked about the potential recommendations for minimum standards/adoption of minimum standards. He asked the subcommittee if the group should require specific minimum standards. When polled, the majority of the subcommittee voted yes. Bryan then explained what the implications are if standards were adopted, the communities who could not meet them, would not be able to submit FMEs, FMPs or FMSs, at least in the first cycle. Gilbert Saldaña then asked if the group could go forward with recommendations only for this first cycle. Bryan said they could. A second poll was conducted and the subcommittee unanimously were in favor of recommendation. When polled the majority of the subcommittee voted the recommendation of selecting NFIP minimum standards and the adoption of higher than NFIP-minimum, standards. Based on Bryan's presentation and comments from the subcommittee, Bryan stated he would put together the updated document.

- 4) Gisela Dagnino made a motion to adjourn at 2:59 pm. Gilbert Saldana seconded the motion. Subcommittee 1 Dave Hall called for a vote and the motion was approved.

11/11/2021

Date



Subcommittee 1 Chairman, Dave Hall

## **Appendix 10A.3**

### **Subcommittee 2 Meeting Minutes**

(Identification & Evaluation of Potential FMPs, Task 4)

**Meeting Minutes**  
**Region 14 URFPG-Subcommittee 2 Meeting**  
**Wednesday, October 13, 2021 at 10:00 am**

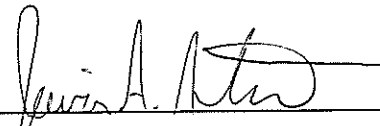
<u>Subcommittee Member</u>	<u>Interest Category</u>	<u>Present (✓)/Absent (X) / Alternate Present (*)</u>
Omar L. Martinez, Chair	<i>Water districts</i>	X
Oscar D. "Jay" Ornelas	<i>Agricultural interests</i>	X
Gilberto Saldana Jr.	<i>Counties</i>	✓
Jeff Bennett	<i>Environmental interests</i>	✓
Javier Acosta	<i>Municipalities</i>	✓
David "Dave" Hall	<i>Public</i>	✓
Gisela Dagnino	<i>Water utilities</i>	✓
Levi Bryand	<i>Water Utilities</i>	✓
Carlos Velarde	<i>Public</i>	✓
Delbert Humberson	International Boundary Water Commission	X
Others Present:		
Annette Gutierrez, RGCOG	Jeff Irvin - AECOM, PIC	
Richard Bagans	Alejandra Marco - AECOM	
Gilbert Andujo, AECOM	Lily Cartwright - AECOM	
Bryan Blaisdell, AECOM	Dr. Apurba Borah, IBWC	
Chris Wright, AECOM		

- Chris Wright, AECOM, welcomed the members of Subcommittee 2 and asked if any of them had any interests in any specific Flood Mitigation Projects (FMP). Jeff Bennett mentioned he had interest in two FMPs. He reminded everyone of the 2008 flooding in Presidio and Ojinaga, Mexico out of the Rio Conchos. He explained the flooding occurred due to sediment, infilling and loss of conveyance capacity. He said he was interested in an environmental flows program. The second category of strategies would be nature based solutions that lifts the stream functions such as recharge and habit maintenance floodplain connectivity. AECOM asked if Jeff Bennett could provide them with any studies that he may have to assist them. Jeff Irvin also mentioned these concerns should get cross referenced in Subcommittee 3 as well. Jeff Bennett also mentioned the National Park Service has conducted many studies for over fourteen years. He also said he could send Steven Lance's contact information from the Park Service.
- Chris Wright provided the objective of the Subcommittee. He stated this committee is for task 4B(c) – Identification and Evaluation of Potential Flood Management Projects, which will cover the following:
  - Representative of entire region
  - Some meetings will focus on just the Rio Grande Main Stem
  - Meeting topics can be identified from agendas
  - Members can introduce any related topics from throughout region

3. Chris Wright next provided a presentation of technical issues. He provided a definition of Flood Mitigation Projects (FMPs) with examples, stakeholder coordination for FMPs in the planning stage, summary of selected planning documents to be used for El Paso County FMPs, and to have a discussion of planned flood projects that potentially have multiple benefits.
4. Christine Westermen from SWCA provided an overview of the Jurisdictional Waters of the U.S. and how it applies to the planning group's projects. She reminded the group as they begin to do the environmental review for flood strategies, they will need to review impacts to jurisdictional waters, primarily waters wetlands. As part of the natural resources review, projects will be evaluated for their potential to affect jurisdictional wetlands/waters that is GIS-based. The projects will also be reviewed to determine potential U.S. Army Corps of Engineers (USACE) permitting requirements. The USACE permitting may be affected by impacts to other sensitive resources (e.g., federal endangered species or significant cultural resources). She also provided an explanation on the 2020 Navigable Waters Protection Rule that significantly reduced waters protections (exception for ephemeral streams), that was remanded in August 2021. She said this rule change was particularly significant in arid environments and affected status of arroyos. In June 2021, there was a proposed Intention to revise the definition of "Waters of the U.S." and is likely to revert to pre-2015 regulations. She said this regulatory environment will continue to evolve over the course of the flood planning cycle.
5. Confirm chair of subcommittee  
Dave Hall made a motion to have Javier Acosta serve as the Chair for Subcommittee 2. Gisela Dagnino seconded the motion. All voted in favor and the motion carried.
6. Tentative future meeting dates for subcommittee  
The subcommittee agreed to meet November 4, 2021, at 10:00 am for the second meeting.
7. Javier Acosta made a motion to adjourn the meeting and Gilbert Saldana seconded. All voted in favor and the motion carried.

11/04/2021

Date



Subcommittee 2 Chairman, Javier Acosta

**Meeting Minutes**  
**Region 14 URFPG-Subcommittee 2 Meeting**  
**Wednesday, November 4, 2021 at 10:00 am**

<u>Subcommittee Member</u>	<u>Interest Category</u>	<u>Present (✓)/Absent (X) / Alternate Present (*)</u>
Omar L. Martinez, Chair	<i>Water districts</i>	✓
Oscar D. "Jay" Ornelas	<i>Agricultural interests</i>	X
Gilberto Saldana Jr.	<i>Counties</i>	✓
Jeff Bennett	<i>Environmental interests</i>	✓
Javier Acosta	<i>Municipalities</i>	✓
David "Dave" Hall	<i>Public</i>	✓
Gisela Dagnino	<i>Water utilities</i>	✓
Levi Bryand	<i>Water Utilities</i>	✓
Carlos Velarde	<i>Public</i>	X
Delbert Humberson	International Boundary Water Commission	✓
Others Present:		
Annette Gutierrez, RGCOG	Chris Wright, AECOM	
Jeff Irvin - AECOM, PIC	Clint Kimball - AECOM	
Bryan Blaisdell, AECOM	Dr. Apurba Borah, IBWC	

1. Subcommittee Chairman Javier Acosta welcomed the group at 10:05 am.
2. RGCOG- Approval of Minutes from October 13, 2021  
 Jeff Bennett made a motion to accept the Minutes from October 13, 2021. Gilbert Saldaña seconded the motion. Subcommittee 2 Chairman Acosta called for a vote and the motion was approved.
3. AECOM- Introductions of Subcommittee Members and their interests in any specific FMPs  
 Chris Wright started the presentation. He asked if anyone from the public could introduce themselves if they hadn't already. Joanna McKenzie, County Administrator for Hudspeth County introduced herself.
4. AECOM- Objective of Subcommittee  
 Chris Wright, AECOM next outlined what items were going to be covered during the meeting. He then turned the presentation over to Jeff Irvin, AECOM. First, Jeff explained to the subcommittee what the proposed process was through a flowchart highlighting where they could obtain potential projects, what entities do they get them from, determine if there is a negative impact, and determine if the project is feasible.

Dave Hall asked if the project is not fully defined, can the group still submit the projects to Texas Water Development Board (TWDB). Jeff Irvin stated they can still be submitted but they will not be as competitive as other projects that are complete when TWDB is considering who to fund. Jeff Irvin said

that one way to address this issue is to state that a Flood Management Evaluation (FME) can be requested. Gilbert Saldaña asked if there was funding for that to occur. AECOM stated there may be opportunities to conduct some with the additional funding that is coming to the region.

Jeff Irvin next talked about the process that was used for the City and County of El Paso. From this discussion, AECOM next posed a set of questions to the subcommittee to consider for selecting potentially feasible projects. Gisela Dagnino asked if there may be a consideration to take into account the heavy burden placed on residents during construction. Jeff mentioned this concern would be covered under the permit complexity with street utilities. The subcommittee agreed to go forward with the three questions presented.

Clint Kimball next provided a recap of the County's Storm water Master Plan. Chris Wright then presented potential projects from USIBWC, EPCWID #1, TXDOT and other parts of the region. Jeff Irvin recapped for the subcommittee what conclusions were made for coming to a process. He requested for the subcommittee to consider voting on the process for projects for the City of El Paso's Master Plan, El Paso County's Master Plan and for other projects as presented by the AECOM team. Omar Martinez made a motion to accept the process for all three categories mentioned. Jeff Bennett seconded the motion. Subcommittee 2 Chairman Acosta called for a vote and the motion was approved.

5. Tentative future meeting dates for subcommittee

Dave Hall asked how many of the city and county projects have already been funded through other sources. Gisela Dagnino and Gilbert Saldaña confirmed there were a few that are funded for this fiscal year. Gisela Dagnino asked for all other projects to be left on the list. Dave Hall asked for them to get together with AECOM to confirm which projects to take off the list. The subcommittee confirmed that a date was already set for the next meeting based on previous polling. The meeting will be on November 15, 2021, at 3:00 pm. Jeff Irvin reminded everyone the bulk of the work has already been completed by the subcommittee in terms of developing the process. However, the subcommittee will still need to figure out what scoring system will be implemented for the other projects.

11. Adjourn

Omar Martinez made a motion to adjourn at 11:48 am. Jeff Bennett seconded the motion. Subcommittee 2 Chairman Acosta called for a vote and the motion was approved.

11/15/2021

Date



Subcommittee 2 Chairman, Javier Acosta



**Meeting Minutes**  
**Region 14 URFPG-Subcommittee 2 Meeting**  
**Wednesday, November 15, 2021 at 3:00 pm**

<u>Subcommittee Member</u>	<u>Interest Category</u>	<u>Present (✓)/Absent (X) / Alternate Present (*)</u>
Omar L. Martinez, Chair	<i>Water districts</i>	✓
Oscar D. "Jay" Ornelas	<i>Agricultural interests</i>	X
Gilberto Saldana Jr.	<i>Counties</i>	✓
Jeff Bennett	<i>Environmental interests</i>	✓
Javier Acosta	<i>Municipalities</i>	✓
David "Dave" Hall	<i>Public</i>	✓
Gisela Dagnino	<i>Water utilities</i>	✓
Levi Bryand	<i>Water Utilities</i>	✓
Carlos Velarde	<i>Public</i>	X
Delbert Humberson	International Boundary Water Commission	X
Others Present:		
Annette Gutierrez, RGCOG	Chris Wright, AECOM	
Jeff Irvin - AECOM, PIC		
Bryan Blaisdell, AECOM		

1. Subcommittee Chairman Javier Acosta welcomed the group at 3:05 pm.
2. RGCOG- Approval of Minutes from October 13, 2021  
 Dave Hall made a motion to accept the Minutes from November 4, 2021. Jeff Bennett seconded the motion. Subcommittee 2 Chairman Acosta called for a vote and the motion was approved.
3. AECOM- Introductions of Subcommittee Members and their interests in any specific FMPs  
 Annette Gutierrez, RGCOG, informed AECOM who was present at the subcommittee meeting.
4. AECOM- Objective of Subcommittee through Agenda Item 10  
 Chris Wright, AECOM next outlined what items were going to be covered during the meeting. He then turned the presentation over to Jeff Irvin, AECOM. First, Jeff explained to the subcommittee what the proposed process was through a flowchart highlighting where they could obtain potential projects, what entities do they get them from, determine if there is a negative impact, and determine if the project is feasible. Jeff Irvin next covered agenda items five through 10 with his presentation.

For agenda item 10. Omar Martinez made a motion to recommend the following the following action to the flood planning group:

Process for Projects Other than in Storm Water Master Plans:

- Scoring Categories per list on Revised Slide
- Point score per decision made in next subcommittee meeting
- Each Project scored in subcommittee workshop
- Projects recommended to evaluate based upon scores and committee decision

Levi Bryand seconded the motion. Subcommittee 2 Chairman Acosta called for a vote and the motion was approved.

11. Potential Committee Actions -

- a) Committee vote on recommended process for selection of potentially feasible regional FMPs from stakeholders other than COEP, EPW and El Paso County (for evaluation only)

No action was taken on this agenda item.

12. Tentative future meeting dates for subcommittee

The group agreed to meeting on December 14<sup>th</sup>, 2021, at 1:00 pm.

13. Adjourn

Levi Bryand made a motion to adjourn at 4:37 pm. Jeff Bennett seconded the motion. Subcommittee 2 Chairman Acosta called for a vote and the motion was approved.

12/14/2021

Date



Subcommittee 2 Chairman, Javier Acosta

**Meeting Minutes**  
**Region 14 URFPG-Subcommittee 2 Meeting**  
**Wednesday, December 14, 2021 at 1:00 pm**

<u>Subcommittee Member</u>	<u>Interest Category</u>	<u>Present (✓)/Absent (X) / Alternate Present (*)</u>
Omar L. Martinez, Chair	<i>Water districts</i>	✓
Oscar D. "Jay" Ornelas	<i>Agricultural interests</i>	X
Gilberto Saldana Jr.	<i>Counties</i>	X
Jeff Bennett	<i>Environmental interests</i>	X
Javier Acosta	<i>Municipalities</i>	✓
David "Dave" Hall	<i>Public</i>	✓
Gisela Dagnino	<i>Water utilities</i>	✓
Levi Bryand	<i>Water Utilities</i>	✓
Carlos Velarde	<i>Public</i>	✓
Delbert Humberson	International Boundary Water Commission	X
Others Present:		
Annette Gutierrez, RGCOG	Chris Wright, AECOM	
Jeff Irvin - AECOM, PIC	Gilbert Andujo	
Bryan Blaisdell, AECOM		

Subcommittee Chairman Javier Acosta welcomed the group at 1:13 pm.

1. Approval of meeting minutes for the November 15, 2021 Subcommittee 2 meeting (Meeting No. 3)  
 Omar Martinez made a motion to accept the Minutes from November 15, 2021. Dave Hall seconded the motion. Subcommittee 2 Chairman Acosta called for a vote and the motion was approved.
- 3-12. Chris Wright and Jeff Irvin presented agenda items 3-12 to the subcommittee.
13. Committee vote on selection of potentially feasible FMPs from El Paso City and County SWMPs

Gisela Dagnino made a motion to approve the following:

- Approval of refinement of screening process for selection of potentially feasible regional FMPs for Projects not included in the City of El Paso/El Paso Water Stormwater Master Plan, or the El Paso County Stormwater Master Plan, including all process refinements discussed during the subcommittee meeting held 12/14/21. AECOM will have the opportunity to review approximately how many of the 9 currently identified projects, plus other additional projects yet to be considered, can be evaluated based on time/budget to reduce the number of projects further.


- Approval of selection of 25 potentially feasible FMPs from the 2021 City of El Paso/El Paso Water SWMP, including all refinements to the screening process discussed during the subcommittee meeting held 12/14/21. EPWater will have the opportunity to submit a revised list before the next Subcommittee 2 meeting. AECOM will have the opportunity to review approximately how many of the 25 projects can be evaluated based on time/budget to reduce the number of projects further.
- Approval of selection of 19 potentially feasible FMPs from the 2021 El Paso County SWMP, including all refinements to the screening process discussed during the subcommittee meeting held 12/14/21. El Paso County will have the opportunity to submit a revised list before the next Subcommittee 2 meeting. AECOM will have the opportunity to review approximately how many of the 19 projects can be evaluated based on time/budget to reduce the number of projects further.

The motion was seconded by Dave Hall. Subcommittee 2 Chairman Acosta called for a vote and the motion was approved.

13. The subcommittee agreed to participate in a doodle poll for future meeting dates between January 17-20, 2022, at 1:00 pm.

Gisela Dagnino made a motion to adjourn. Levi Bryand seconded the motion. Subcommittee 2 Chairman Acosta called for a vote and the motion was approved. The meeting adjourned at 3:11 pm.

V3/1/22  
Date

  
Subcommittee 2 Chairman, Javier Acosta

**Meeting Minutes**  
**Region 14 URFPG-Subcommittee 2 Meeting**  
**January 18, 2022 at 1:00 pm**

<u>Subcommittee Member</u>	<u>Interest Category</u>	<u>Present (✓)/Absent (X) / Alternate Present (*)</u>
Omar L. Martinez, Chair	<i>Water districts</i>	X
Gilberto Saldana Jr.	<i>Counties</i>	✓
Jeff Bennett	<i>Environmental interests</i>	✓
Javier Acosta	<i>Municipalities</i>	✓
David "Dave" Hall	<i>Public</i>	✓
Gisela Dagnino	<i>Water utilities</i>	✓
Levi Bryand	<i>Water Utilities</i>	X
Carlos Velarde	<i>Public</i>	X
Delbert Humberson	International Boundary Water Commission	X
Others Present:		
Annette Gutierrez, RGCOG	Chris Wright, AECOM	
Jeff Irvin - AECOM, PIC	Gilbert Andujo	
Bryan Blaisdell, AECOM		

1. Subcommittee Chairman Javier Acosta welcomed the group at 1:04 pm.
2. Approval of meeting minutes for the December 14, 2021 Subcommittee 2 meeting (Meeting No. 4)  
 Dave Hall made a motion to accept the Minutes from December 14, 2021. Gilbert Saldana seconded the motion. Subcommittee 2 Chairman Acosta called for a vote and the motion was approved.
- 3-10. Chris Wright and Jeff Irvin presented agenda items 3-10 to the subcommittee.
11. Potential Subcommittee Recommendations for vote:
  - a. Approval of refinements to list of prioritized projects in City of El Paso/EPWater SWMP
  - b. Approval of refinements to list of prioritized projects in El Paso County SWMP
  - c. Approval of overall order for FMP evaluation resulting from discussions in this subcommittee meeting  
 Tabled 12 A and B for the next subcommittee 2 meeting.
12. Tentative date for next Subcommittee 2 meeting  
 The subcommittee agreed to participate in a doodle poll for future meeting dates between January 17-20, 2022, at 1:00 pm. Dave Hall and Gllert seconded  
 Thursday, January 27<sup>th</sup> at 2:00 pm

13. Gisela Dagnino made a motion to adjourn. Dave Hall seconded seconded the motion. Subcommittee 2 Chairman Acosta called for a vote and the motion was approved. The meeting adjourned at 3:13 pm.

1/27/2022

Date



Subcommittee 2 Chairman, Javier Acosta

## **Appendix 10A.4**

### **Subcommittee 3 Meeting Minutes**

(Identification & Evaluation of Potential FMEs and FMSs, Task 4)

**AGENDA**  
**REGION 14. UPPER RIO GRANDE FLOOD PLANNING GROUP**  
**SUBCOMMITTEE 3**  
**MEETING MINUTES**

Thursday, September 30, 2021  
1:00 P.M. (MDT)  
13247 Alameda Ave., Clint, TX 79836

**Subcommittee 3 – Tasks 3A/3B – Evaluation and Recommendations on Floodplain Management Practices/Flood Mitigation and Floodplain Management Goals**

- 1) Introductions of Subcommittee Members and Interests  
Flood Planning Group members included: Javier Acosta-Professional Engineer-Frank Spencer and Associates in El Paso, Texas  
Gilbert Saldana-Senior Civil Engineer for El Paso County  
Dave Hall-Public  
Carlos Velarde-Civil Engineer for Val Verde County  
Levi Bryand-Civil Engineer with LCA in Odessa Texas  
Sal Masoud with Del Rio Engineers

Also present were AECOM-Jeff Irvin, Lily Cartwright, Chris Wright, Gilbert Andujo, Bryan Blaisdell, and Annette Gutierrez from RGCOG.

- 2) Objective of Subcommittee  
Bryan Blaisdell presented the objective of the subcommittee to the members. He covered the following information.
  - Task 3A: Evaluation and Recommendations on Floodplain Management Practices
    - Subcommittee Recommendation: RFPG Path to Adoption of Region-Specific, Minimum Floodplain Management or Land Use Standards (optional)
  - Task 3B: Flood Mitigation and Floodplain Management Goals
    - Subcommittee Recommendation: RFPG Path to Adoption of Flood Mitigation and Floodplain Management Goals
- 3) AECOM gave a presentation on the technical issues to the members and covered the items listed below.
  - a) Review Regional Floodplain Management and Land Use Practices (Task 3A)
    - i) NFIP Requirements
    - ii) TFMA Higher Standards
    - iii) Subdivision Regulations/Model Subdivision Rules
    - iv) Future Development Conditions
    - v) **Subcommittee Recommendations to RFPG:** RFPG Path to Adoption of Region-Specific, Minimum Floodplain Management or Land Use Standards (optional)



- b) Review Flood Mitigation and Floodplain Management Goals (Task 3B)
  - i) Example short-term/long-term goals
  - ii) Discussion of region-specific goals
  - iii) **Subcommittee Recommendations to RFPG:** RFPG Path to Adoption of Flood Mitigation and Floodplain Management Goals

Based on the presentation from AECOM, Sal Masoud made a motion to present the recommendation to the flood planning group as shown on the slide presentation. Levi Bryand seconded the motion and it was approved.

- 4) Confirm chair of subcommittee

Levi Bryand made the motion to have Sal serve as the Chair for Subcommittee 3. Sal Masoud seconded the motion and it was approved.

- 5) Tentative future meeting dates for subcommittee

The subcommittee decided on the next meeting for October 22, 2021 at 10:00 am and set the following meeting for November 10, 2021, at 10:00 am. The meeting adjourned at 2:39 pm.

1.12.2022

Date

*Sal Masoud*

Subcommittee 3 Chairman, Sal Masoud

**Meeting Minutes**  
**Region 14 URFPG-Subcommittee 3 Meeting**  
**Friday, October 22, 2021 at 10:00 am**

<u>Subcommittee Member</u>	<u>Interest Category</u>	<u>Present (✓)/Absent (X) / Alternate Present (*)</u>
Omar L. Martinez, Chair	<i>Water districts</i>	✓
Sal Masoud, Subcommittee Chair	<i>Industries</i>	✓
Jeff Bennett	<i>Environmental interests</i>	X
Gisela Dagnino	<i>Water utilities</i>	✓
Levi Bryand	<i>Water Utilities</i>	✓
Delbert Humberson	International Boundary Water Commission	✓
Others Present:		
Annette Gutierrez, RGCOG	Jeff Irvin - AECOM, PIC	
Richard Bagans, TWDB	Dr. Apurba Borah, IBWC	
Gilbert Andujo, AECOM	Gabe Duran, IBWC	
Bryan Blaisdell, AECOM	Gonzaleo Cedillos, IBWC	
Chris Wright, AECOM		

1. Subcommittee 3 Chair Sal Masoud welcomed the group.
2. Recent progress related to issues discussed in previous Subcommittee 3 meeting
3. Discussion of Potential FMEs and FMS  
Chris Wright provided the agenda to the group and covered what would be discussed the meeting. These topics included the following:
  - Recent Progress Concerning Previous Subcommittee 3 Meeting
  - Discussion of Potential FMEs and FMSs
  - Communities at risk of flooding with outdated or no FEMA Floodplain Mapping
  - EPCWID1 issues related to flooding
  - FMSs related to Environmental Flows, Floodplain Connectivity, & ASR
  - Discussion of experience in recent historic flood events
  - Other?
  - Tentative future meeting dates for subcommittee

Chris reminded the group the previous meeting covered the Rio Grande but for this meeting, they would not be discussing it. He next covered what the goals of the meeting is. He said they were twofold. The first one is to talk about the process for selecting FMEs and FMS. He said at the next meeting the subcommittee will need to vote on them to recommend to the full group. The agenda needs to be posted by November 15, 2021 and the general membership meeting will be November 30, 2021. These items need to be voted on to allow for the Tech Memo to be completed. The second is to learn more about the important flood issues that have occurred in the region. Today AECOM will focus on some of the storm events that happened in El Paso since it is one of the most populated areas but also will focus on other places as well. The subcommittee will need to think about establishing the process and to be learning about the issues.

Chris Wright of the following:

- Rio Grande H&H modeling FME
- FMS modeling approach related to levees
- Coordination call with Fathom
- Levee modeling assumptions
- Refined “cursory floodplain dataset” expected end of October per TWDB Coordination with TWDB
- Levee modeling criteria
- USIBWC provided hydraulic model downstream of American Dam (under review)USIBWC provided river and upstream reservoir gage data (under review)

Next he discussed the potential of FMEs and FMSs. He reminded the group, an FME is a 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. A strategy is a plan to reduce flood risk or mitigate flood hazards to life or property but it may or may not require associated FMPs to be implemented.

He suggested the subcommittee may want to consider those counties where they do not have FEMA data; there are four in our region. He walked the subcommittee through the steps that AECOM will use to select where they may need a study out of the four, with the main criteria being heavily populated. Chris asked the group if they want to focus on the 100 or 500-year flood. Chairman Martinez said he would be fine keeping with the 100-year flood for the rural areas with the exception of the City of Presidio. He would prefer for Presidio to utilize the 500-year flood. There was discussion on whether it is financially feasible to construct projects with the 500-year flood. Dr. Borah also mentioned that the project would also trigger IBWC to notify Mexico that they are not deflecting water to Mexico for anything over 25 years. Gabe Duran agreed that Presidio is a unique area due to the two nearby rivers and mentioned how effective the palm method was during the 2008 flooding. The subcommittee agreed that a study should be done on the coincidence analysis. Gisela also asked for AECOM to look at the 100 but also analysis the 500 to see how high the water level gets for bridges, culverts and so on. Chairman Martinez also mentioned TXDOT made recent improvements to the port of entry bridge and rail. Flood capacity may have been addressed. Dr. Borah mentioned the TXDOT bridges were protected for a 100-year flood. Chris asked Dr. Borah if he could provide them the process IBWC uses to define the process for projects along the levee. Dr. Borah stated the participating agency will provide the design document and hydraulic study to IBWC. IBWC will then share it with Mexico. The same process is taken on the Mexican side.

Chris next covered future condition analysis. Chairman Martinez mentioned the EPCWID #1 is experiencing increased flows coming from the northern side of the County to the lower valley. This does have a direct impact on the surrounding communities. It goes beyond what the normal subdivision ponding accounts for. He would consider a future condition analysis for the areas mentioned. Joanna McKenzie mentioned there is increased growth in Ft. Hancock, Hudspeth County. Chris asked if the two could provide a rough map of the general area they are concerned with. Chairman Subcommittee 3 Masoud agrees with comments made from Omar. Gisela states the same is occurring in El Paso in the mountainous areas. Sal suggested perhaps different kinds of Inlets can be considered for the City of El Paso as well. Chris suggested the review of Inlets would be a strategy. Dr. Borah also mentioned the creeks along the river brings a lot of sediment to the river. Chris asked Dr. Borah to provide a map of where sediment is being brought to the river. Chris then covered the rest of the slides that highlighted resources for developing FMSs. Delbert reminded the group that some strategies created along the river may affect the treaty with Mexico, so the group should take that into consideration.

Chairman Masoud asked Chris Wright if the group always shoots for higher standards than Mexico, it will always flood on the Mexican side and not affect the U.S., how do we make that assumption? Chris said they have asked those questions to the TWDB. Chris said the subcommittee could have a separate

meeting to discuss the items presented to TWDB. Chairman Masoud asked Gabe Duran if he recalled if there was a breach of the Mexican side of the levees in 2006 and he confirmed there were but Mexico had to mitigate the situation by setting up a bypass to pump water out of the retaining basins nearby. He said if this would not have occurred, downtown El Paso may have been flooded. Gabe Duran provided several other examples and made referenced to several areas managed by the El Paso County Water Improvement District 1 (EPCWID #1). Chairman Martinez stepped in and agreed with Mr. Duran's listing but also noted that he and Dr. Blair have identified five specific areas and mentioned he would email the subcommittee about them. Delbert Humberson stated the IBWC should be able to provide elevations and coordinates of the high water marks.

Chris mentioned Dr. Blair was going to cover flood issues for EPCWID #1 and Jeff Bennett was going to discuss FMSs as they relate to environmental flows, but because neither was able to attend and for the sake of time, Chris jumped into the discussion of experience in recent historic flood events. He reminded the group of the flooding in El Paso in 2006, the flooding in Presidio and Ojinaja in 2008, and El Paso flooding in 2021.

He provided the group with a list of potential dates that they should all be aware of in terms of recommendations to the group, voting, posting and preparing for the Tech Memo. He inquired if Gonzalo Cedillos was in attendance and he confirmed he was. There were also others from El Paso Water as well as other organizations as well. However, since the meeting was nearly over, the group of presenters would speak at the next meeting. Jeff Irvin presented the list of questions AECOM will be asking at the next meeting.

4. Approval of Minutes from September 30, 2021

Annette Gutierrez requested to table this agenda item because the heading of the Minutes states subcommittee 1. Ms. Gutierrez requested to present these Minutes at the next meeting. Gisela Dagnino made a motion to table this agenda item. Omar Martinez Seconded the motion. Subcommittee 1 Chairman Masoud called for a vote and the motion was approved.

5. Tentative date for next meeting

The group decided to meet again on November 10, 2021 at 10:00 am. Chris Wright explained the meeting would take at least three hours to conduct.

6. Gisela Dagnino made a motion to adjourn the meeting and Omar Martinez seconded the motion. All voted in favor and the motion carried.

1/12/2022

Date

*Sal Masoud*

Subcommittee 3 Chairman, Sal Masoud

**Meeting Minutes**  
**Region 14 URFPG-Subcommittee 3 Meeting**  
**Wednesday, November 10, 2021 at 10:00 am**

<u>Subcommittee Member</u>	<u>Interest Category</u>	<u>Present (✓)/Absent (X) / Alternate Present (*)</u>
Omar L. Martinez, Chair	<i>Water districts</i>	✓
Sal Masoud, Subcommittee Chair	<i>Industries</i>	✓
Jeff Bennett	<i>Environmental interests</i>	X
Levi Bryand	<i>Water Utilities</i>	✓
Enrique Ochoa for Gisela Dagnino	<i>Water Utilities</i>	✓
Delbert Humberson	International Boundary Water Commission	X

Others Present:	
Annette Gutierrez, RGCOG	Eric Bangs, EPW
Richard Bagans, TWDB	Dr. Apurba Borah, IBWC
Bryan Blaisdell, AECOM	Gabe Duran, formerly IBWC
Chris Wright, AECOM	Gonzaleo Cedillos, formerly EPW
Jeff Irvin - AECOM, PIC	Joanna McKenzie, Hudspeth County
Alejandra Marco, AECOM	Aldersperson David Cantu, City of San Elizario
Lily Carwright, AECOM	

- 1) Subcommittee Chairman Sal Masoud –Welcome  
Chairman Sal Masoud welcomed the members and guests.
  
- 2) Levi Bryand made a motion to table both sets of Minutes from September 30 and October 22, 2021. Omar Martinez seconded the motion. Subcommittee 3 Chairman Masoud called a vote and the motion was approved.
  
- 3) AECOM- Introductions of Subcommittee Members and their interests in any specific FMEs or FMSs  
Chris Wright provided this item. He recapped what was going to be on the agenda for the meeting.
  
- 4) – 8) Jeff Irvin presented items 4-9 to the subcommittee.
  
- 9) AECOM- Potential Committee Actions
  - A. Vote on future action for each FME and FMS identified during the meeting
  - B. Vote on process to identify other “potentially feasible FMEs and FMSs”

Omar Martinez made a motion to accept the process as listed below for FMEs & FMSs. Levi Bryand seconded the motion. Subcommittee Masoud called for a vote and the motion carried.

  - A stakeholder will cite experience that identifies a problem
  - The need associated with the problem will be discussed and defined
  - FMEs and/or FMSs will be proposed to address the need

- The subcommittee members will vote on future action for each FME and FMS identified.

10) Tentative future meeting dates for subcommittee

Chris Wright suggested that a poll be sent out to determine the next Subcommittee 3 meeting. He mentioned the meeting should occur sometime after January 7<sup>th</sup>, 2022.

11) Adjourn

Levi Bryand made a motion to adjourn the meeting and Enrique Ochoa seconded the motion. Subcommittee Masoud called for a vote and the motion carried. The meeting adjourned at 1:06 pm.

1/12/2022

Date

*Sal Masoud*

Subcommittee 3 Chairman, Sal Masoud

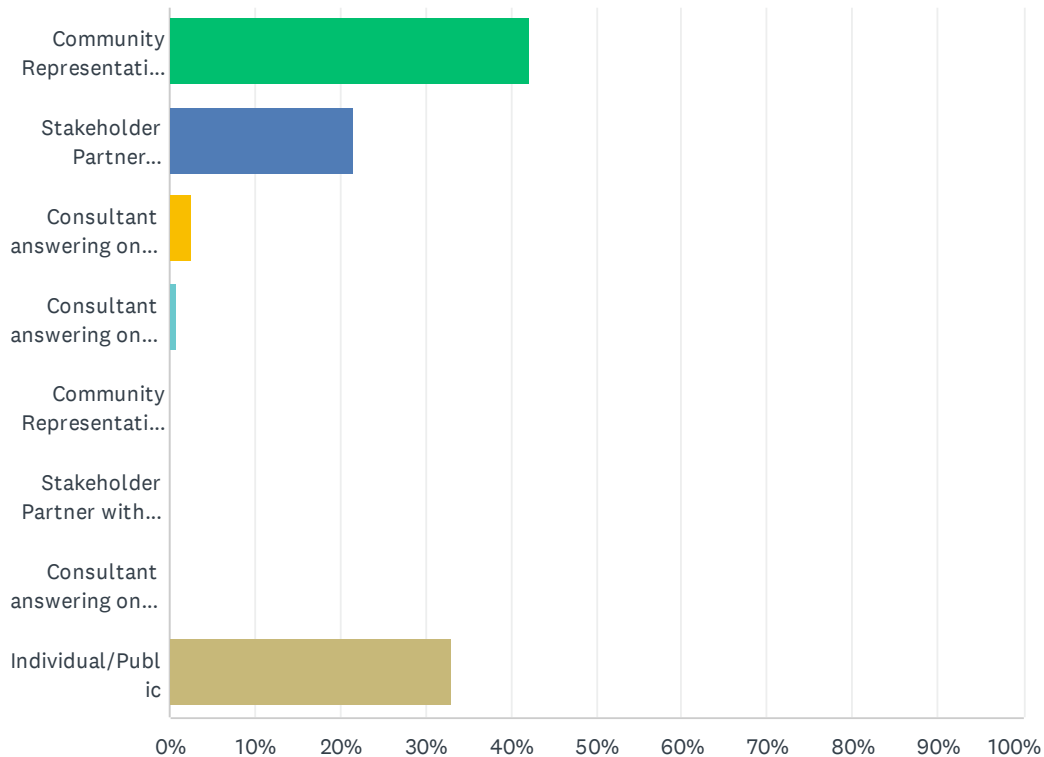
## **Appendix 10B**

### **Survey Results**

Note: Q1 responses (containing names, phone numbers, and email addresses of respondents) omitted for privacy

## Q2 Are you responding to the survey as a Community Representative, as a Stakeholder Partner, as a Consultant answering on behalf of a Community/Stakeholder Partner, or as an individual member of the Public?

Answered: 121 Skipped: 0



ANSWER CHOICES	RESPONSES	
Community Representative including County Government or Municipal Government	42.15%	51
Stakeholder Partner including River Authorities, Flood Districts, Water Districts, Groundwater Districts, Irrigation Districts, Levee Districts, Dam Owners, Water Utilities, Electric Generating Utilities, or other interest groups (Small Business, Agricultural, Environmental, Industries, etc.)	21.49%	26
Consultant answering on behalf of a Community	2.48%	3
Consultant answering on behalf of a Stakeholder Partner	0.83%	1
Community Representative without Flood Responsibilities, including County Government or Municipal Government	0.00%	0
Stakeholder Partner without Flood Responsibilities, including River Authorities, Flood Districts, Water Districts, Groundwater Districts, Irrigation Districts, Levee Districts, Dam Owners, Water Utilities, Electric Generating Utilities, or other interest groups (Small Business, Agricultural, Environmental, Industries, etc.)	0.00%	0
Consultant answering on behalf of a Stakeholder Partner	0.00%	0
Individual/Public	33.06%	40
<b>TOTAL</b>		<b>121</b>



Note: Q3 responses have been partially redacted to omit phone numbers and email addresses for privacy

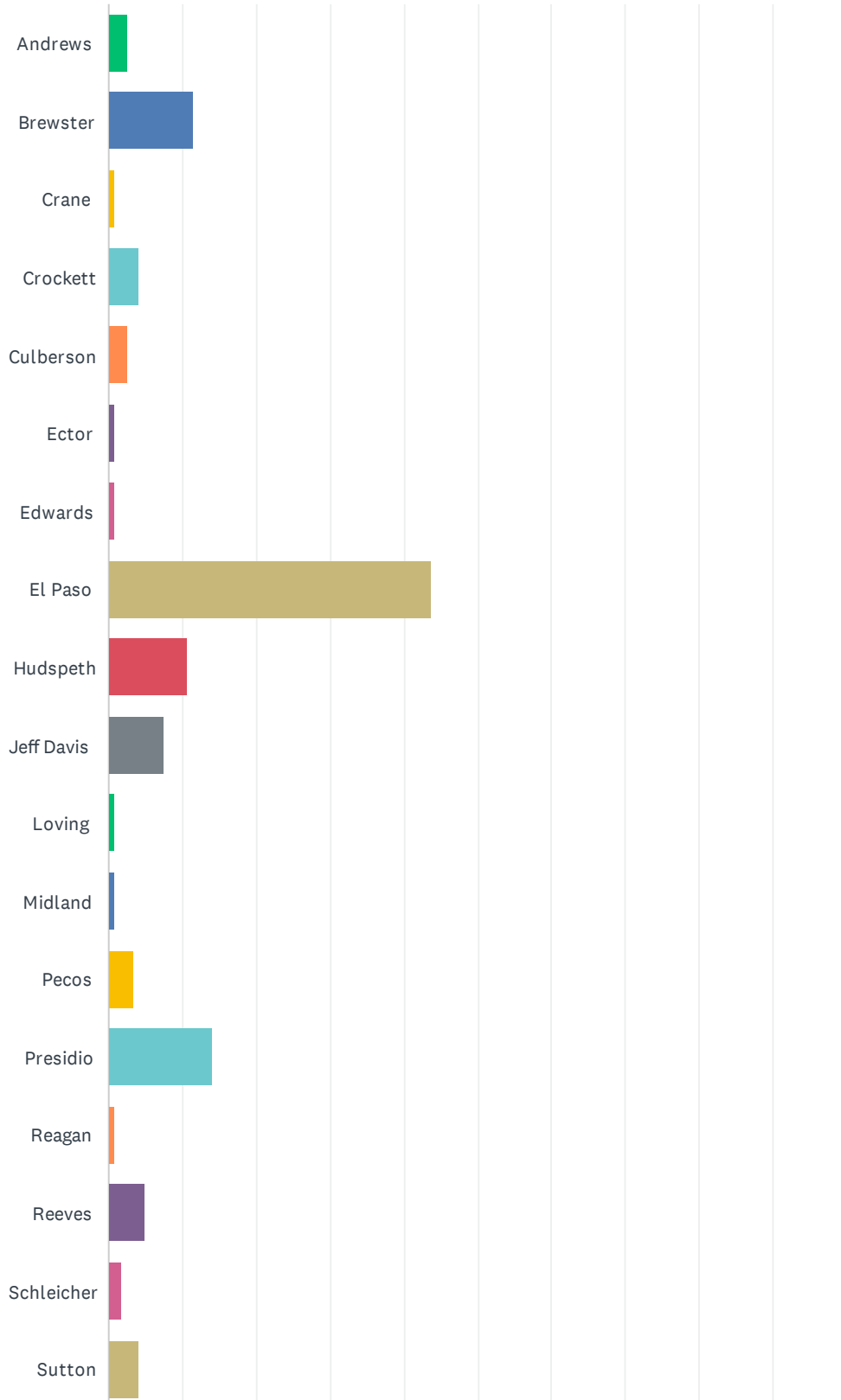
Q3 If you are responding on behalf of another community or organization, please provide the name of the organization and a primary point of contact including phone number and email address.

Answered: 18 Skipped: 103

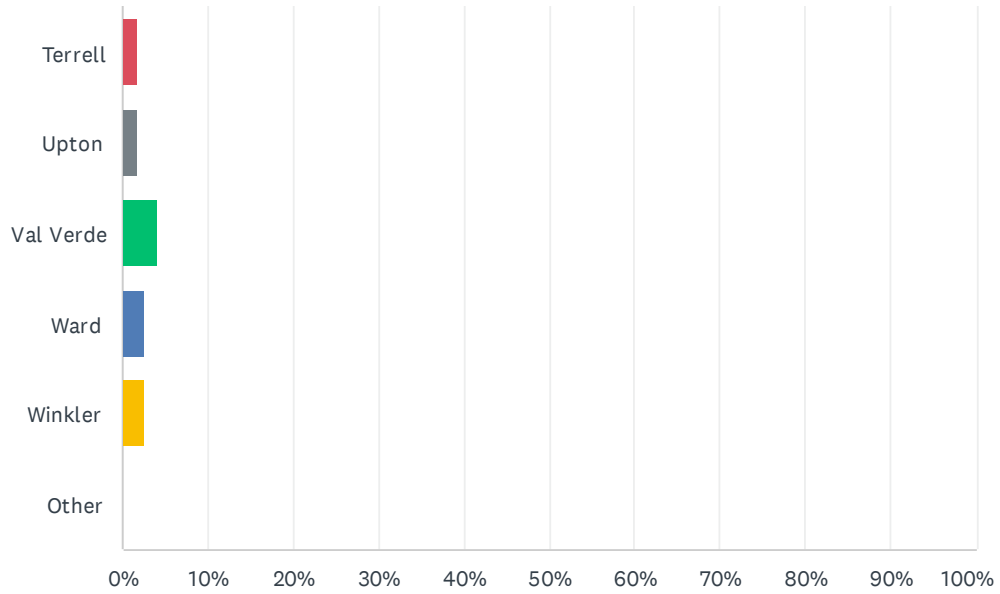
#	RESPONSES	DATE
1	Terlingua Community Garden Zoey Sexton [REDACTED] 501c3 Big Bend Citizens Alliance	3/1/2022 1:33 PM
2	Rio Grande - Pecos River SWCD #237	11/2/2021 2:43 PM
3	Pecos County	10/19/2021 12:03 PM
4	International Boundary and Water Commission	10/15/2021 5:05 PM
5	PASEO DEL ESTE MUNICIPAL DISTRICT #1 DANIEL MARTINEZ [REDACTED] ; [REDACTED]	10/14/2021 12:12 PM
6	I am responding representing The University of Texas at El Paso.	10/14/2021 9:48 AM
7	Village of Vinton [REDACTED]	10/14/2021 9:28 AM
8	Town of Pecos City	10/14/2021 8:08 AM
9	Andrews County Office of Emergency Management Michael Cook - [REDACTED] [REDACTED]	10/13/2021 1:09 PM
10	83rd District Attorney district covering Pecos, Brewster, Presidio and Jeff Davis Counties	10/5/2021 9:59 AM
11	N/A	10/5/2021 8:36 AM
12	Sierra Blanca Independent School District Glenn Nathan - Superintendent [REDACTED] [REDACTED]	10/4/2021 9:29 AM
13	[REDACTED]	10/1/2021 5:24 PM
14	Hudspeth County	10/1/2021 3:24 PM
15	Dell City ISD Carlos A. Contreras Superintendent	10/1/2021 3:19 PM
16	City of Sonora [REDACTED] Sonora, Texas	9/30/2021 11:17 AM
17	The University of Texas at El Paso	9/28/2021 10:47 AM
18	n/a	9/20/2021 10:42 AM

# Q4 In which of the following counties do you live, work or routinely travel to?

Answered: 121 Skipped: 0



# Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)



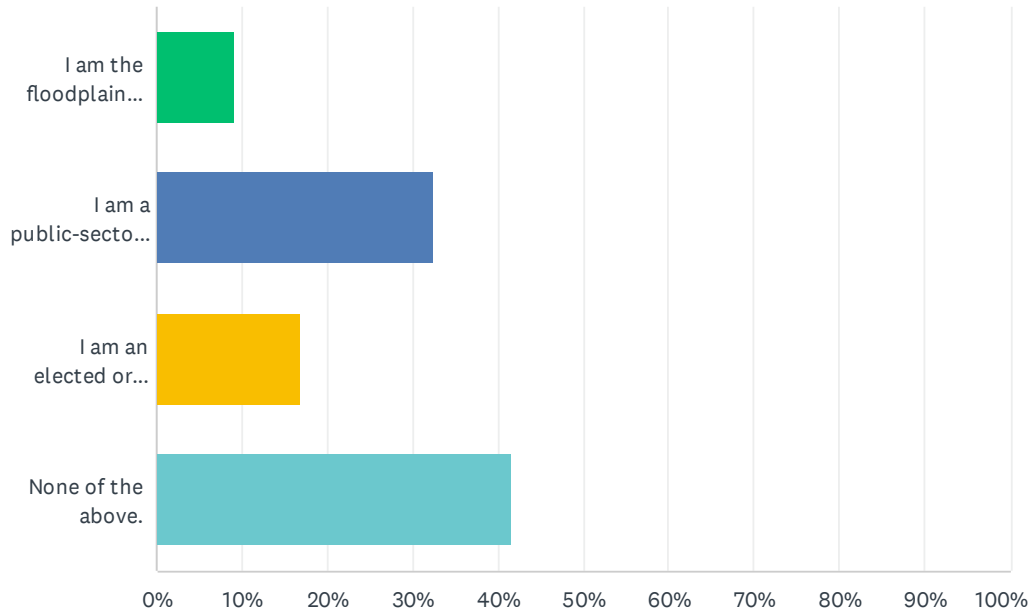
Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

ANSWER CHOICES	RESPONSES	
Andrews	2.48%	3
Brewster	11.57%	14
Crane	0.83%	1
Crockett	4.13%	5
Culberson	2.48%	3
Ector	0.83%	1
Edwards	0.83%	1
El Paso	43.80%	53
Hudspeth	10.74%	13
Jeff Davis	7.44%	9
Loving	0.83%	1
Midland	0.83%	1
Pecos	3.31%	4
Presidio	14.05%	17
Reagan	0.83%	1
Reeves	4.96%	6
Schleicher	1.65%	2
Sutton	4.13%	5
Terrell	1.65%	2
Upton	1.65%	2
Val Verde	4.13%	5
Ward	2.48%	3
Winkler	2.48%	3
Other	0.00%	0
Total Respondents: 121		

#	OTHER	DATE
	There are no responses.	

## Q5 Which of the following best describes your level of flood-related responsibilities?

Answered: 77 Skipped: 44

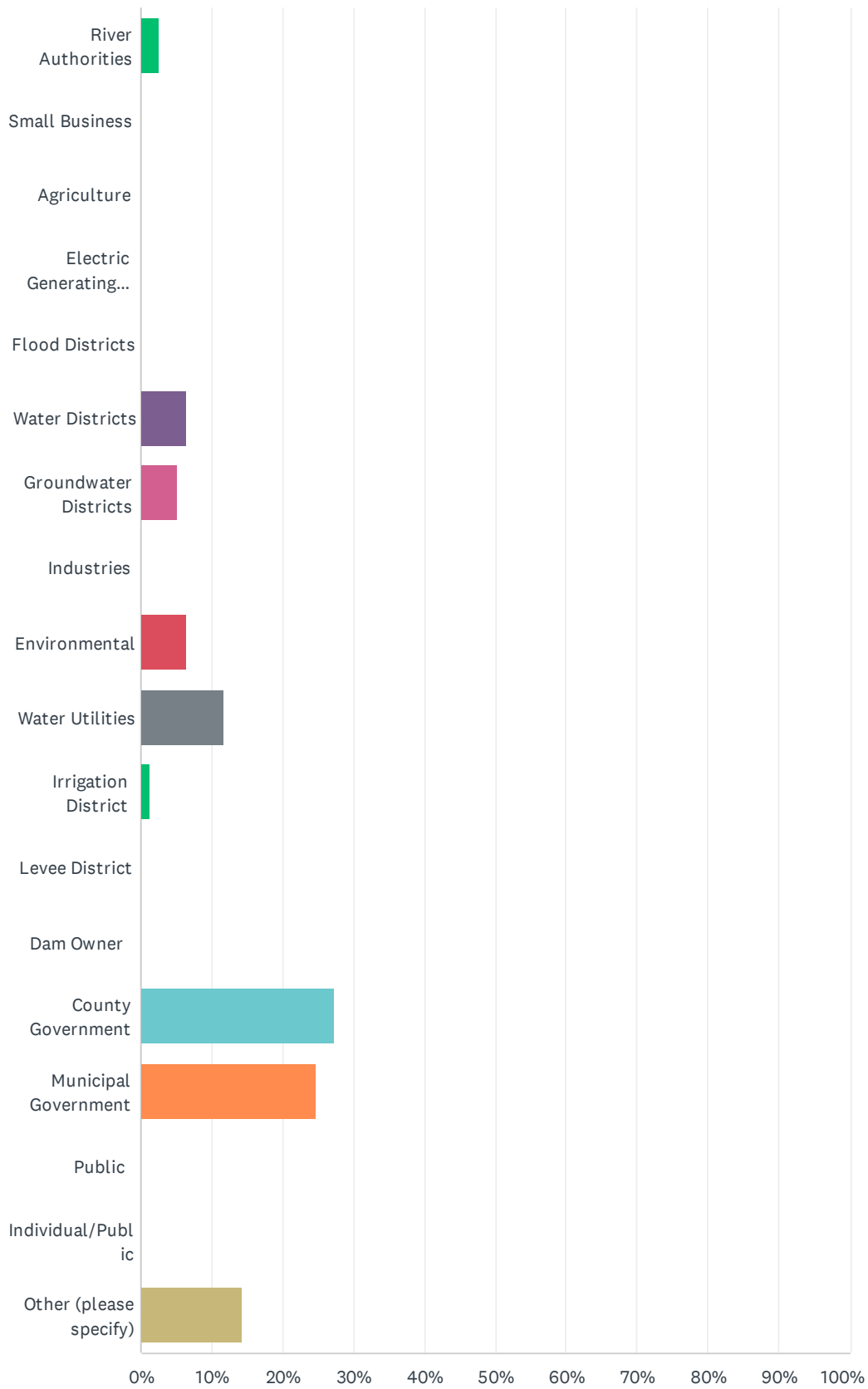


ANSWER CHOICES	RESPONSES	
I am the floodplain administrator for a community participating in the National Flood Insurance Program (NFIP).	9.09%	7
I am a public-sector employee with flood-related experience.	32.47%	25
I am an elected or appointed official with flood related experience.	16.88%	13
None of the above.	41.56%	32
<b>TOTAL</b>		<b>77</b>

## Q6 Into which of the following interest groups do you fall?

Answered: 77 Skipped: 44

# Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)



Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

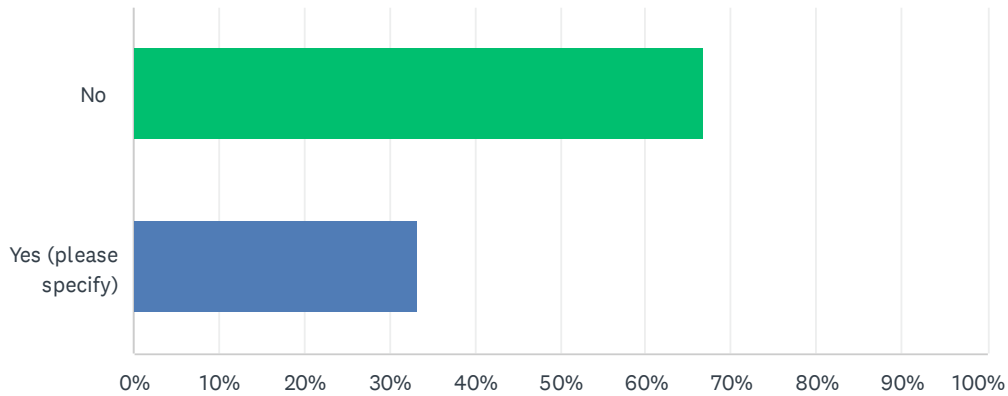
ANSWER CHOICES	RESPONSES	
River Authorities	2.60%	2
Small Business	0.00%	0
Agriculture	0.00%	0
Electric Generating Utilities	0.00%	0
Flood Districts	0.00%	0
Water Districts	6.49%	5
Groundwater Districts	5.19%	4
Industries	0.00%	0
Environmental	6.49%	5
Water Utilities	11.69%	9
Irrigation District	1.30%	1
Levee District	0.00%	0
Dam Owner	0.00%	0
County Government	27.27%	21
Municipal Government	24.68%	19
Public	0.00%	0
Individual/Public	0.00%	0
Other (please specify)	14.29%	11
<b>TOTAL</b>		<b>77</b>

#	OTHER (PLEASE SPECIFY)	DATE
1	Sustainable community gardening	3/1/2022 1:35 PM
2	State Government - Texas Department of Transportation	10/19/2021 5:02 PM
3	Federal Government/ levee and dam owner, operator	10/15/2021 5:08 PM
4	WATER, WASTEWATER AND STORM SEWER UTILITIES	10/15/2021 9:24 AM
5	Facility Management Administrator for The University of Texas at El Paso	10/14/2021 9:49 AM
6	Federal Government	10/7/2021 2:24 PM
7	Federal Government, with Flood Risk Reduction and River Authorities	10/7/2021 1:58 PM
8	Federal	10/7/2021 11:58 AM
9	School District	10/4/2021 9:31 AM
10	RGCOG	9/29/2021 11:16 AM
11	Facility Management Administrator for The University of Texas at El Paso	9/28/2021 10:50 AM



### Q7 Do you participate in routine regional flood related coordination? If so, list partners in this coordination (e.g. IBWC, Water Districts, Water Utilities, Counties, Municipalities).

Answered: 72 Skipped: 49



ANSWER CHOICES	RESPONSES
No	66.67% 48
Yes (please specify)	33.33% 24
<b>TOTAL</b>	<b>72</b>

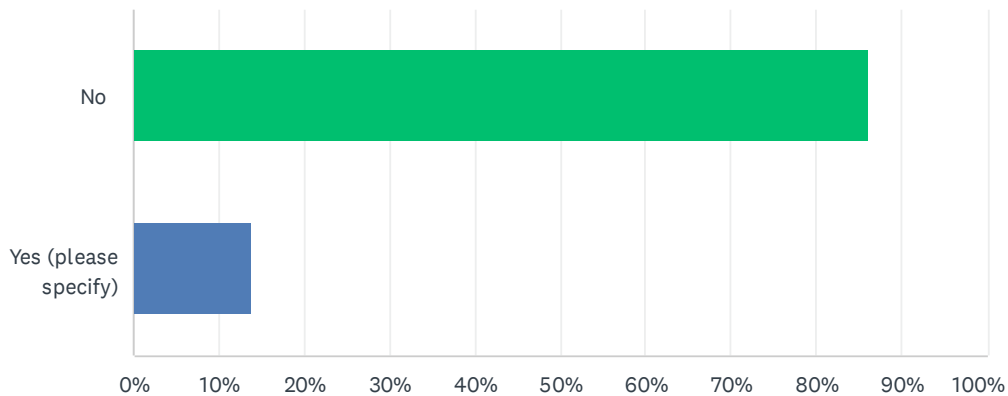
#	YES (PLEASE SPECIFY)	DATE
1	EPCWID#1, El Paso Water	10/19/2021 3:20 PM
2	EPW, EPCWID#1, EBID,	10/15/2021 5:08 PM
3	IBWC, El Paso County Water Irrigation Distric #1, County, City	10/15/2021 4:43 PM
4	IBWC, USACE, FEMA, City, Counties	10/15/2021 3:56 PM
5	All	10/15/2021 1:52 PM
6	IBWC, Irrigation District, OEM, EPEC, TGS	10/15/2021 1:40 PM
7	Work with EPWU	10/14/2021 9:49 AM
8	municipalities	10/14/2021 9:37 AM
9	hudspeh county	10/13/2021 3:43 PM
10	Non-voting member of Upper Rio Grande Regional Flood Planning Committee	10/12/2021 9:05 AM
11	IBWC, City of El Paso, EPW	10/7/2021 2:24 PM
12	USIBWC and City of El Paso, EPW	10/7/2021 1:58 PM
13	I participate in IBWC flood workshops as a representative of IBWC's Water Accounting Division, which manages IBWC flow data and assists with reservoir operations criteria during a flood.	10/7/2021 11:58 AM
14	Counties	10/6/2021 10:47 AM
15	County	10/5/2021 9:31 PM

## Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

16	El Paso Water Utility, IBWC and County	10/5/2021 8:38 AM
17	Hudspeth County, Sierra Blanca Water District	10/4/2021 9:31 AM
18	County	10/4/2021 8:29 AM
19	All stakeholders	10/2/2021 8:08 AM
20	RGCOG	9/29/2021 11:16 AM
21	El Paso Water Utility	9/28/2021 10:50 AM
22	Water and Wastewater Utility	9/24/2021 12:39 PM
23	El Paso County, TWDB	9/20/2021 10:45 AM
24	IBWC, El Paso Water	9/9/2021 12:37 PM

**Q8 Are you part of a formal regional flood coordination committee? If so, provide committee name and participating organizations (e.g. IBWC, Water Districts, Water Utilities, Counties, Municipalities).**

Answered: 72 Skipped: 49

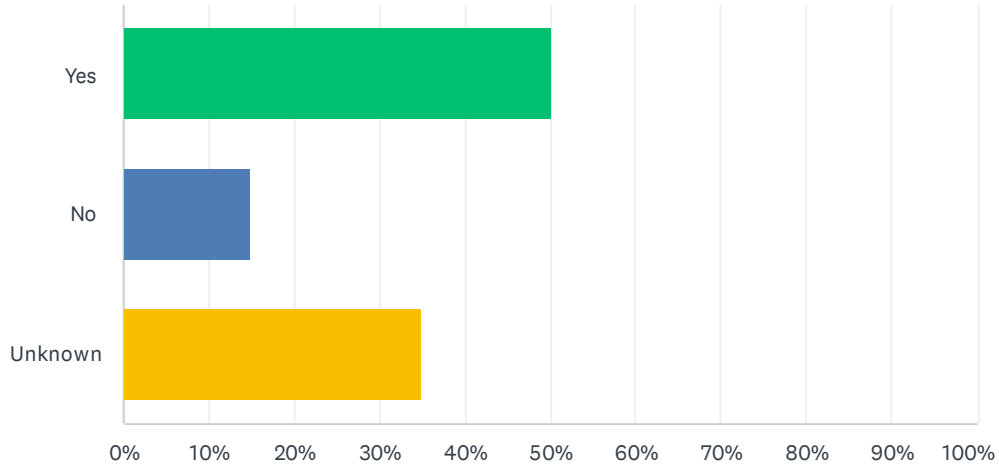


ANSWER CHOICES	RESPONSES
No	86.11% 62
Yes (please specify)	13.89% 10
<b>TOTAL</b>	<b>72</b>

#	YES (PLEASE SPECIFY)	DATE
1	EPCWID#1, El Paso Water	10/19/2021 3:20 PM
2	Rio Grande Flood Control- IBWC, EPCWID#1, EBID, EPW, City of El Paso	10/15/2021 5:08 PM
3	Water Utilities	10/15/2021 3:56 PM
4	IBWC, Irrigation District, OEM, EPEC, TGS	10/15/2021 1:40 PM
5	Val Verde County	10/15/2021 1:24 PM
6	Far West Texas Water Planning	10/13/2021 2:32 PM
7	IBWC	10/7/2021 11:58 AM
8	County	10/5/2021 9:31 PM
9	Hudspeth County, Sierra Blanca Water District	10/4/2021 9:31 AM
10	Board Member	9/29/2021 11:16 AM

## Q9 Is your community a participant in the National Flood Insurance Program (NFIP)?

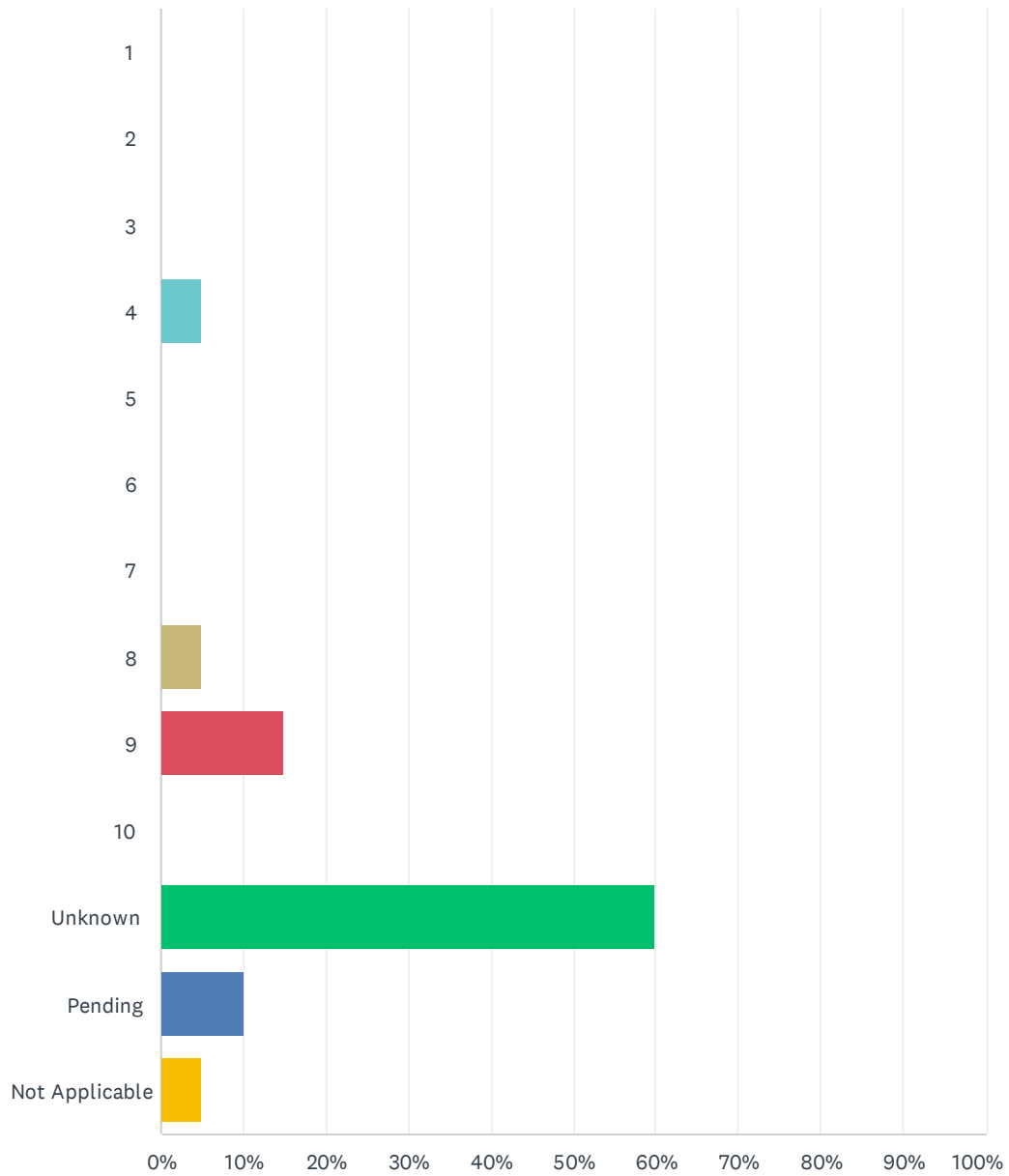
Answered: 40 Skipped: 81



ANSWER CHOICES	RESPONSES	
Yes	50.00%	20
No	15.00%	6
Unknown	35.00%	14
TOTAL		40

## Q10 What is your community's CRS rating?

Answered: 20 Skipped: 101

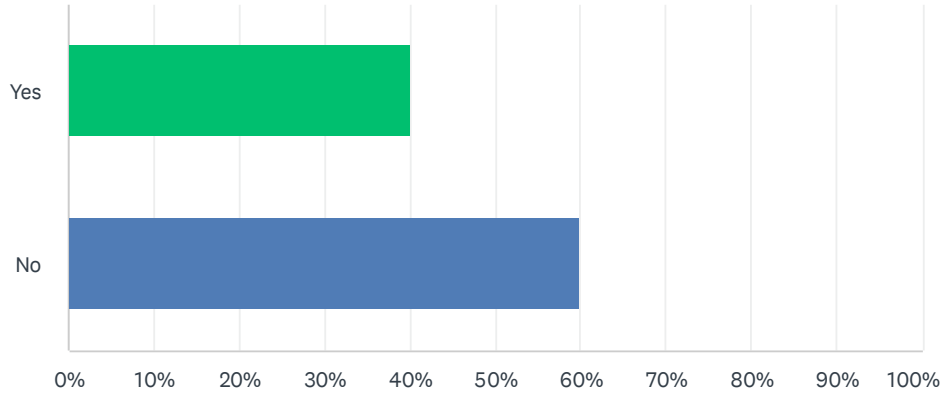


Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

ANSWER CHOICES	RESPONSES	
1	0.00%	0
2	0.00%	0
3	0.00%	0
4	5.00%	1
5	0.00%	0
6	0.00%	0
7	0.00%	0
8	5.00%	1
9	15.00%	3
10	0.00%	0
Unknown	60.00%	12
Pending	10.00%	2
Not Applicable	5.00%	1
<b>TOTAL</b>		<b>20</b>

### Q11 Are you aware of any Letters of Map Revisions (LOMRs or Conditional Letters of Map Revisions (CLOMRs) in your community.

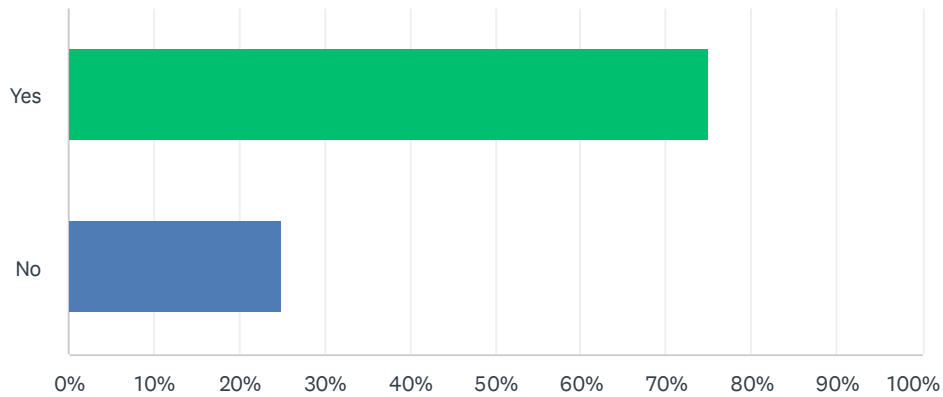
Answered: 40 Skipped: 81



ANSWER CHOICES	RESPONSES	
Yes	40.00%	16
No	60.00%	24
TOTAL		40

Q12 Is your community listed in the community contacts list (linked here), and is the information correct? This list was assembled from data sets ranging from current to 5-years old and may likely include out of date information. There will be an opportunity to update information in the following question of the survey.

Answered: 40 Skipped: 81



ANSWER CHOICES	RESPONSES	
Yes	75.00%	30
No	25.00%	10
TOTAL		40



## Q13 If your community contact list is out of date, please provide updated names and contact information to the community contact list using the fields below:

Answered: 20    Skipped: 101

ANSWER CHOICES	RESPONSES	
CEO (Mayor or Judge)	80.00%	16
Floodplain Administrator	65.00%	13
Additional Contact 1 (Flood Planning, Emergency Coordination, Digital Flood Files):	45.00%	9
Additional Contact 2 (Flood Planning, Emergency Coordination, Digital Flood Files):	15.00%	3
Additional Contact 3 (Flood Planning, Emergency Coordination, Digital Flood Files):	0.00%	0
Additional Contact 4 (Flood Planning, Emergency Coordination, Digital Flood Files):	0.00%	0
Additional Contact 5 (Flood Planning, Emergency Coordination, Digital Flood Files):	0.00%	0

#	CEO (MAYOR OR JUDGE)	DATE
1	LEWIS G. OWENS JR	10/15/2021 1:26 PM
2	Judge Jeanette Duer	10/14/2021 9:45 AM
3	David Flores	10/14/2021 8:09 AM
4	County Judge Charlie Falcon cfalcon@co.andrews.tx.us (432) 524-1401	10/13/2021 1:14 PM
5	Eric Hawkins	10/6/2021 3:47 PM
6	Jerry Philips	10/5/2021 9:32 AM
7	Mayor Oscar Leeser	10/5/2021 8:47 AM
8	Bruno Lozano	10/4/2021 8:34 AM
9	Leo Hung judge	10/2/2021 8:13 AM
10	Thomas D. Neely	10/1/2021 9:48 PM
11	Mayor Juanita Gomez	9/30/2021 11:24 AM
12	Rachel Chavez Duran	9/30/2021 11:16 AM
13	President Wilson	9/28/2021 11:06 AM
14	Leo Hung, County Judge 432-287-0222, leo.hung@co.reeves.tx.us	9/21/2021 12:20 PM
15	Manuel Baeza- Mayor	9/16/2021 9:36 PM
16	Ricardo A. Samaniego	8/17/2021 12:24 PM

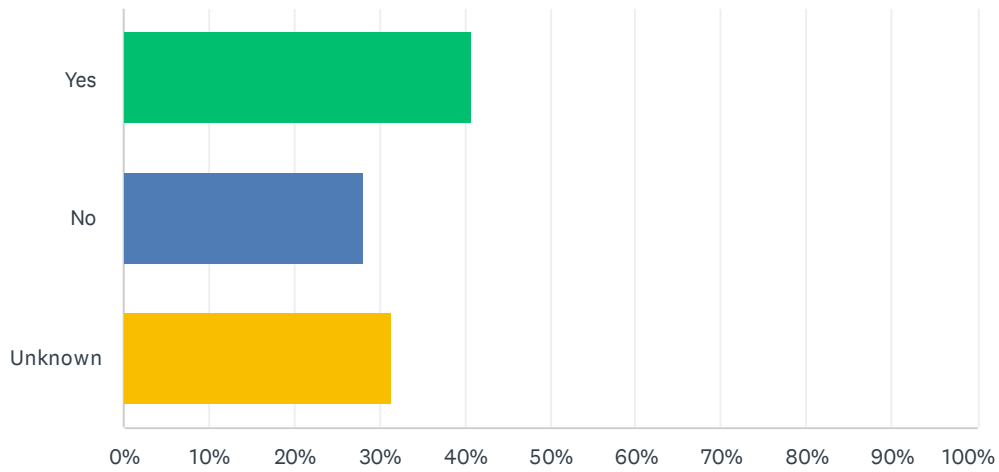
#	FLOODPLAIN ADMINISTRATOR	DATE
1	Kareem Dallo, P.E. (915)212-1560 ; dallokf@elpasotexas.gov	10/15/2021 4:00 PM
2	CARLOS VELARDE, COUNTY ENGINEER	10/15/2021 1:26 PM
3	Gregory McNicol	10/14/2021 9:52 AM
4	Megan Antrim - Interim City Manager	10/13/2021 2:40 PM

Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

5	Richard Kyle	10/6/2021 3:47 PM
6	Kareem Dallo P.E. CFM	10/5/2021 8:47 AM
7	Alberto Quintanilla - City Engineer	10/4/2021 8:34 AM
8	Leo Hung	10/2/2021 8:13 AM
9	City Manager Arturo Fuentes	9/30/2021 11:24 AM
10	Rachel Chavez Duran	9/30/2021 11:16 AM
11	Gilbert Saldana	9/29/2021 11:18 AM
12	Gregory McNicol	9/28/2021 11:06 AM
13	Gilberto Saldana Jr.	8/17/2021 12:24 PM
<b>#</b>	<b>ADDITIONAL CONTACT 1 (FLOOD PLANNING, EMERGENCY COORDINATION, DIGITAL FLOOD FILES):</b>	<b>DATE</b>
1	JOANNA MONTEMAYOR, ASSISTANT HEALTH DEPT.	10/15/2021 1:26 PM
2	Emilio Rodriguez	10/14/2021 9:52 AM
3	Jerry Bullard	10/2/2021 8:13 AM
4	Joanna MacKenzie	10/1/2021 9:48 PM
5	Art Fuentes	9/30/2021 11:16 AM
6	Emilio Rodriguez	9/28/2021 11:06 AM
7	Curtis Wilson, Reeves County Road and Bridge Engineer, 432-755-4339, cwilson@reevescounty.org	9/21/2021 12:20 PM
8	Charles Salgado- Public Utilities Superintendent City of Marfa 432-295-0179	9/16/2021 9:36 PM
9	Fernando Hernandez	8/17/2021 12:24 PM
<b>#</b>	<b>ADDITIONAL CONTACT 2 (FLOOD PLANNING, EMERGENCY COORDINATION, DIGITAL FLOOD FILES):</b>	<b>DATE</b>
1	ROWLAND GARZA, COUNTY EMERGENCY MANAGEMENT	10/15/2021 1:26 PM
2	Jerry Ballard, Reeves County Emergency Management Director, 432-287-4125, jerry.ballard@co.reeves.tx.us	9/21/2021 12:20 PM
3	Norma R. Palacios	8/17/2021 12:24 PM
<b>#</b>	<b>ADDITIONAL CONTACT 3 (FLOOD PLANNING, EMERGENCY COORDINATION, DIGITAL FLOOD FILES):</b>	<b>DATE</b>
	There are no responses.	
<b>#</b>	<b>ADDITIONAL CONTACT 4 (FLOOD PLANNING, EMERGENCY COORDINATION, DIGITAL FLOOD FILES):</b>	<b>DATE</b>
	There are no responses.	
<b>#</b>	<b>ADDITIONAL CONTACT 5 (FLOOD PLANNING, EMERGENCY COORDINATION, DIGITAL FLOOD FILES):</b>	<b>DATE</b>
	There are no responses.	

## Q14 Does your entity have floodplain management regulations?

Answered: 32 Skipped: 89



ANSWER CHOICES	RESPONSES	
Yes	40.63%	13
No	28.13%	9
Unknown	31.25%	10
<b>TOTAL</b>		<b>32</b>

**Q15 If you answered yes and your jurisdiction willing to share a copy of regulations and/or development codes, please upload them below.**

Answered: 5 Skipped: 116

#	FILE NAME	FILE SIZE	DATE
1	DDM.pdf	9.9MB	10/15/2021 1:58 PM
2	FLOOD DAMAGE PREVENTION ORDER.pdf	7.4MB	10/15/2021 1:29 PM
3	20210930_155930_725135_ARTICLE_II.____FLOOD_DAMAGE_PREVENTION.docx	34.2KB	9/30/2021 1:35 PM
4	Flood_hazard_reduction_ORDINANCE section 3.03.005.pdf	260.7KB	9/20/2021 11:20 AM
5	County Flood Damage Prevention Order.pdf	1.2MB	8/17/2021 12:43 PM

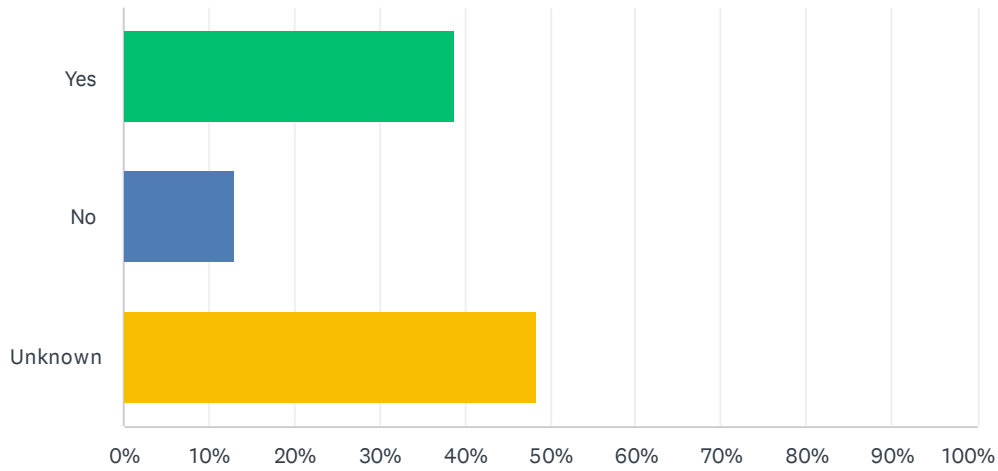
**Q16 If you have additional files or files pertaining to regulations and/or development codes, (including files that are incompatible with the required survey file formats) please provide contact information so we can coordinate on how best to receive your files.**

Answered: 2 Skipped: 119

#	RESPONSES	DATE
1	See City of El Paso's DDM and DSC	10/15/2021 4:04 PM
2	Open Records Request	10/15/2021 1:59 PM

### Q17 Has your entity adopted the minimum regulations to be eligible to participate in the National Flood Insurance Program (pursuant to Texas Water Code Section 16.3145)?

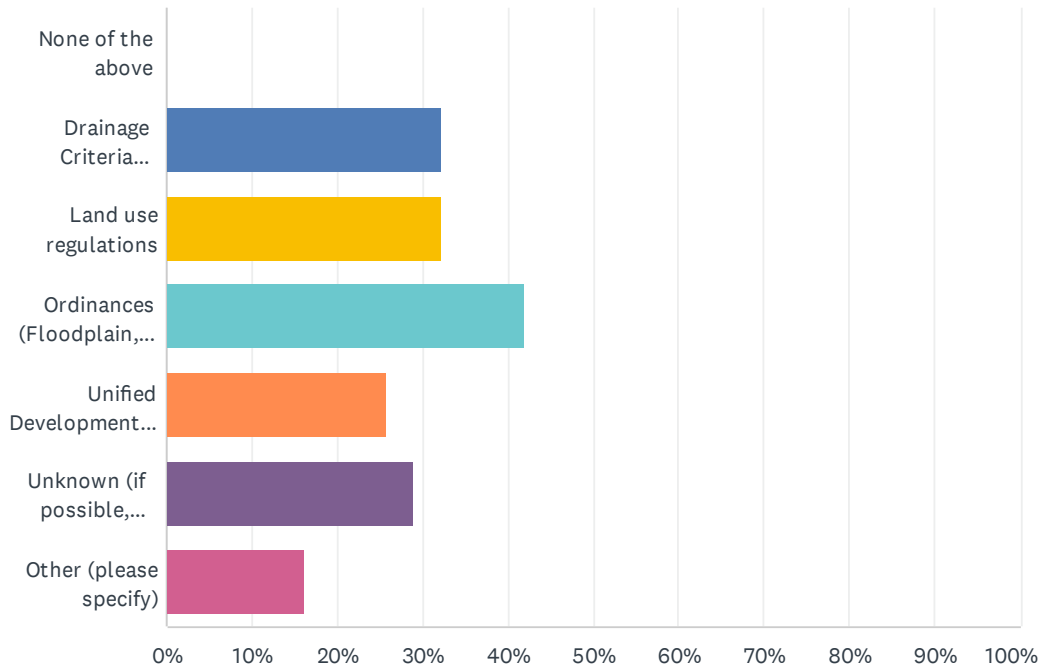
Answered: 31 Skipped: 90



ANSWER CHOICES	RESPONSES	
Yes	38.71%	12
No	12.90%	4
Unknown	48.39%	15
<b>TOTAL</b>		<b>31</b>

## Q18 What regulations and/or development codes does your jurisdiction have in place to manage existing and future flood risk for development? Select all that apply.

Answered: 31 Skipped: 90



ANSWER CHOICES	RESPONSES	
None of the above	0.00%	0
Drainage Criteria Manual/Design Manual	32.26%	10
Land use regulations	32.26%	10
Ordinances (Floodplain, Drainage, Stormwater, etc.)	41.94%	13
Unified Development Code (UDC) and/or Zoning Ordinances with map	25.81%	8
Unknown (if possible, please provide point of contact for follow up in the "Other" comment box below)	29.03%	9
Other (please specify)	16.13%	5
Total Respondents: 31		

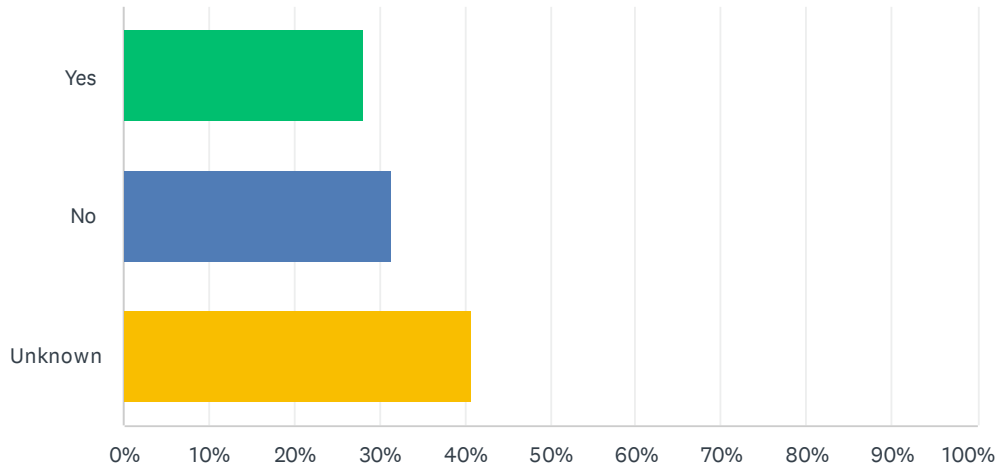
#	OTHER (PLEASE SPECIFY)	DATE
1	Best Practices	10/14/2021 9:58 AM
2	NA, Federal Government	10/7/2021 2:17 PM
3	Campus Best Practices	9/28/2021 2:31 PM
4	N/A	9/24/2021 12:46 PM
5	Subdivision Regulations and Design Standards	8/17/2021 12:44 PM





## Q19 Does your jurisdiction have an existing land use plan?

Answered: 32 Skipped: 89



ANSWER CHOICES	RESPONSES	
Yes	28.13%	9
No	31.25%	10
Unknown	40.63%	13
<b>TOTAL</b>		<b>32</b>

Q20 If you answered yes to the question above and your jurisdiction willing to share a copy of your existing condition land use plan, please upload the file below.

Answered: 2 Skipped: 119

#	FILE NAME	FILE SIZE	DATE
1	Subdivision Regulations (PDF).pdf	11.3MB	10/13/2021 1:26 PM
2	ZONINGMAP_Rev 8-9-2013 ZoneMap (1).pdf	1.5MB	9/20/2021 11:20 AM

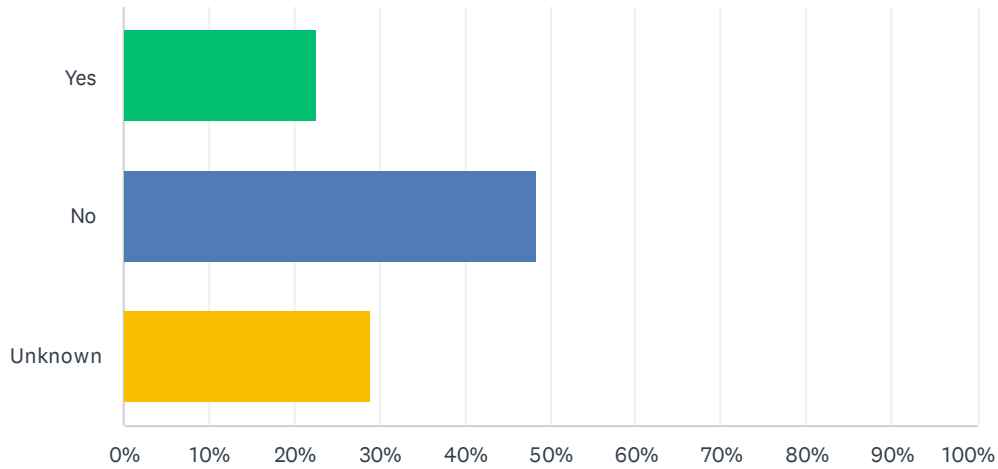
**Q21 If you answered "Unknown" to the existing land use plan question above or have additional files (including files incompatible with the required survey format), please provide contact information so we can coordinate on how best to receive your files.**

Answered: 3 Skipped: 118

#	RESPONSES	DATE
1	Kareem Dallo, City of El Paso's Floodplain Administrator	10/15/2021 4:04 PM
2	Leo Hung	10/2/2021 8:21 AM
3	Included within the City of El Paso land use and zoning plan. Unincorporated areas are not included within such plan.	9/29/2021 11:34 AM

## Q22 Does your jurisdiction have a future land use plan or future zoning plan?

Answered: 31 Skipped: 90



ANSWER CHOICES	RESPONSES
Yes	22.58% 7
No	48.39% 15
Unknown	29.03% 9
TOTAL	31

**Q23** If you answered yes and your jurisdiction willing to share a copy of your future condition land use plan, please upload it below.

Answered: 0 Skipped: 121

#	FILE NAME	FILE SIZE	DATE
There are no responses.			

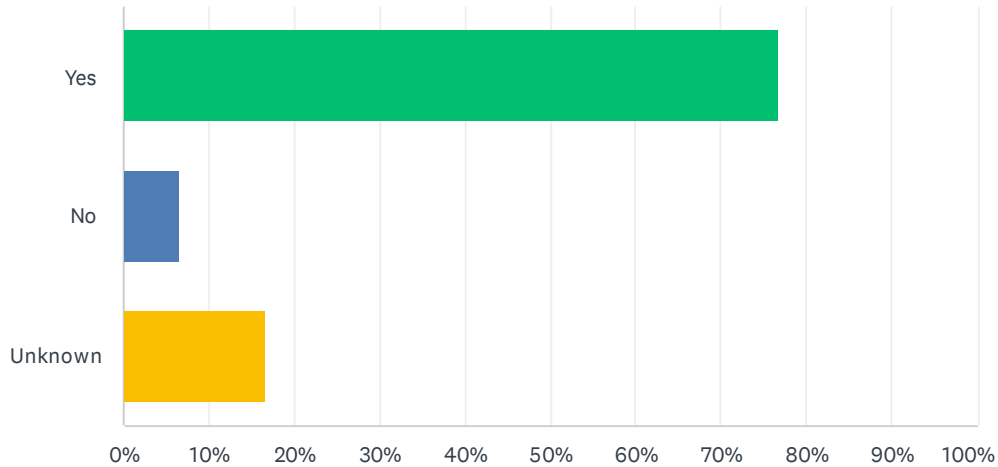
Q24 If you answered "Unknown" to the future land use plan question above or have additional files (including files incompatible with the required survey format), please provide contact information so we can coordinate on how best to receive your files.

Answered: 1 Skipped: 120

#	RESPONSES	DATE
1	Included within the City of El Paso land use and zoning plan. Unincorporated areas are not included within such plan.	9/29/2021 11:34 AM

## Q25 In your opinion, should the RFPG recommend consistent minimum standards across the entire region?

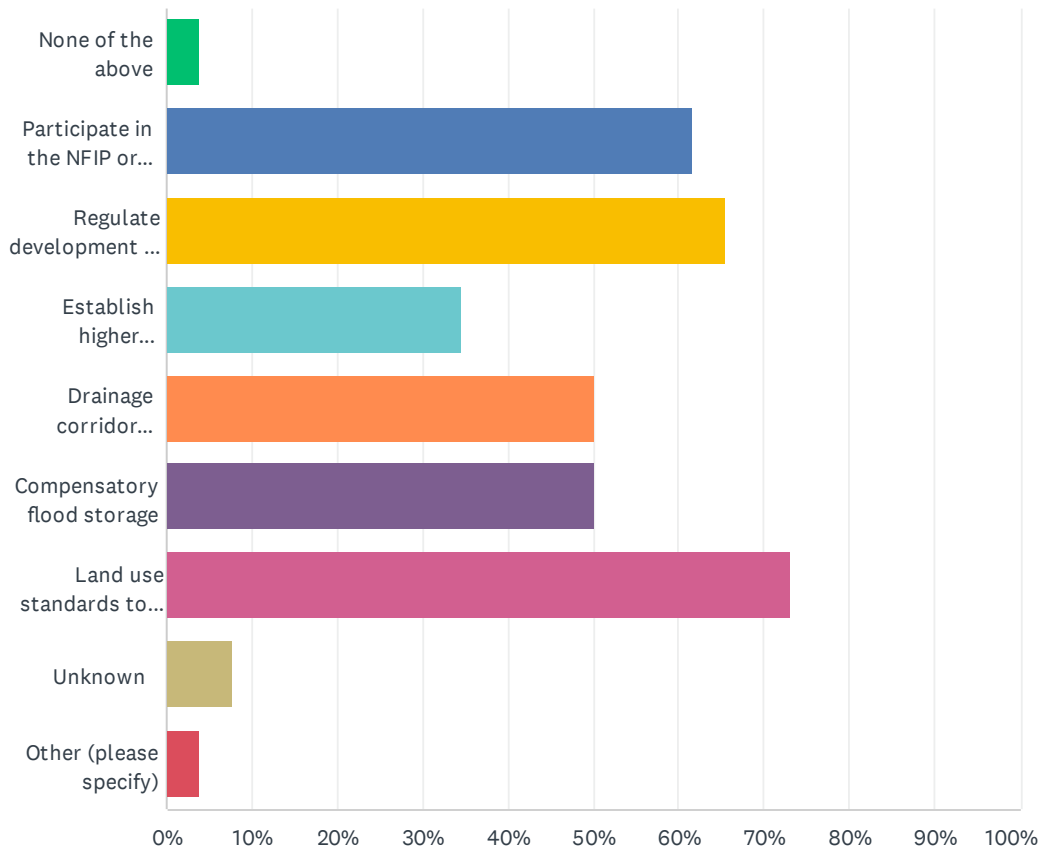
Answered: 30 Skipped: 91



ANSWER CHOICES	RESPONSES	
Yes	76.67%	23
No	6.67%	2
Unknown	16.67%	5
<b>TOTAL</b>		<b>30</b>

Q26 If you selected yes to the question above, what are the minimum standards the RFPG should recommend for all jurisdictions within the region? Select all that apply. This question pertains to RFPG recommendations only (in a following question, we will also ask for your feedback regarding minimum requirements).

Answered: 26 Skipped: 95





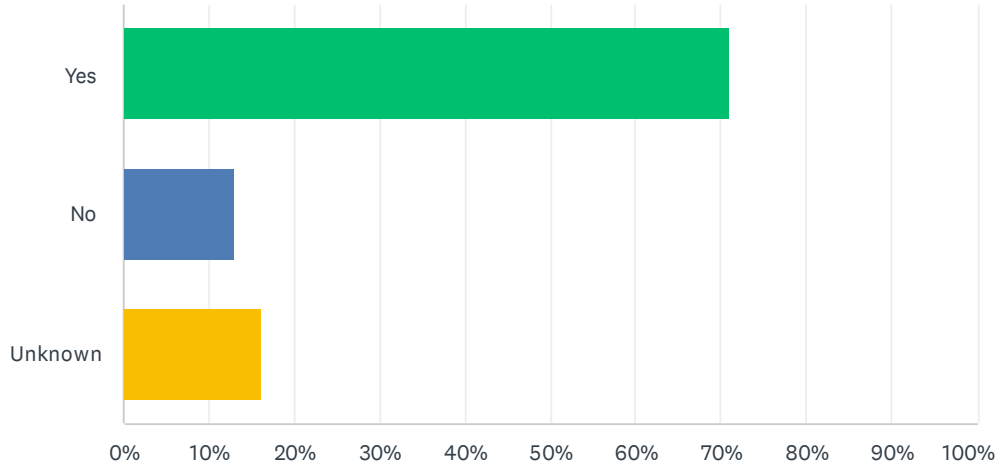
Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

ANSWER CHOICES	RESPONSES	
None of the above	3.85%	1
Participate in the NFIP or adapt the equivalent standards	61.54%	16
Regulate development in the FEMA floodplain or other local floodplains established by local jurisdictions	65.38%	17
Establish higher standards (more stringent than the NFIP) for development or freeboard above the floodplain	34.62%	9
Drainage corridor preservation	50.00%	13
Compensatory flood storage	50.00%	13
Land use standards to reduce future flood risk	73.08%	19
Unknown	7.69%	2
Other (please specify)	3.85%	1
Total Respondents: 26		

#	OTHER (PLEASE SPECIFY)	DATE
1	Require coordination between all affected floodplain jurisdictions	8/17/2021 12:44 PM

## Q27 In your opinion, should the RFGP require consistent minimum standards across the entire region?

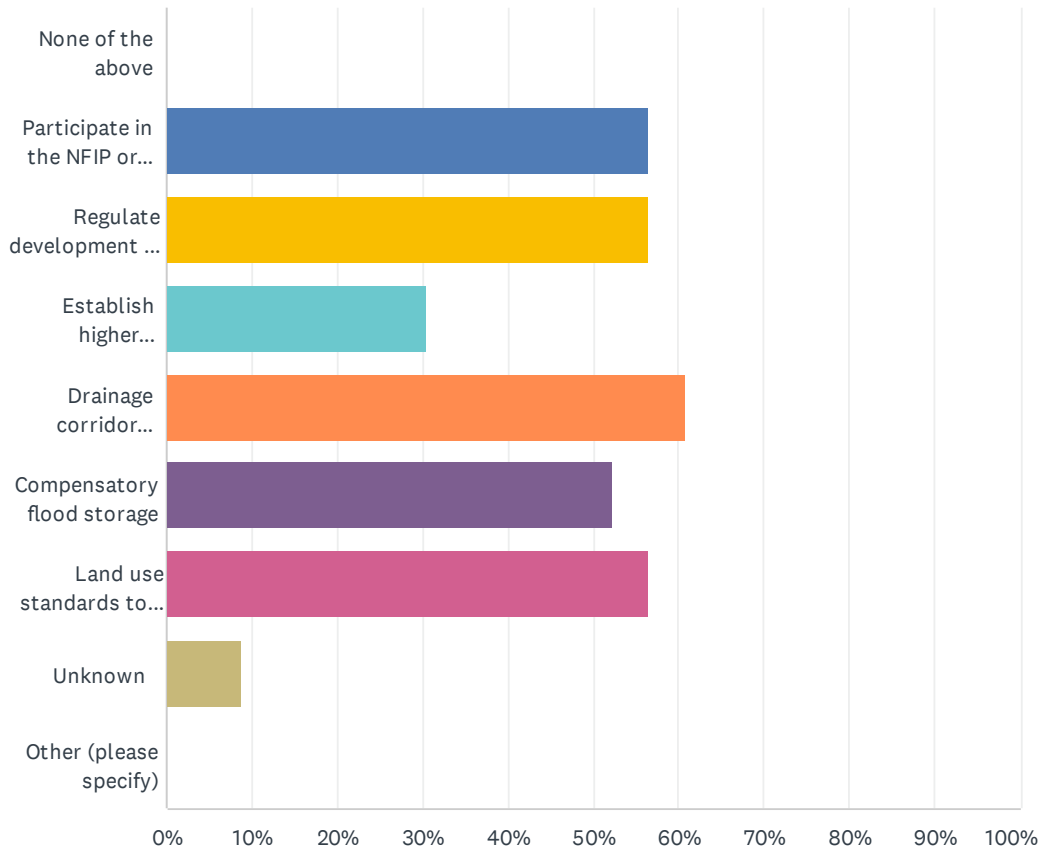
Answered: 31 Skipped: 90



ANSWER CHOICES	RESPONSES	
Yes	70.97%	22
No	12.90%	4
Unknown	16.13%	5
TOTAL		31

**Q28 If you selected yes to the question above, what are the minimum standards the RFGP should require for all jurisdictions within the region?  
Select all that apply.**

Answered: 23 Skipped: 98



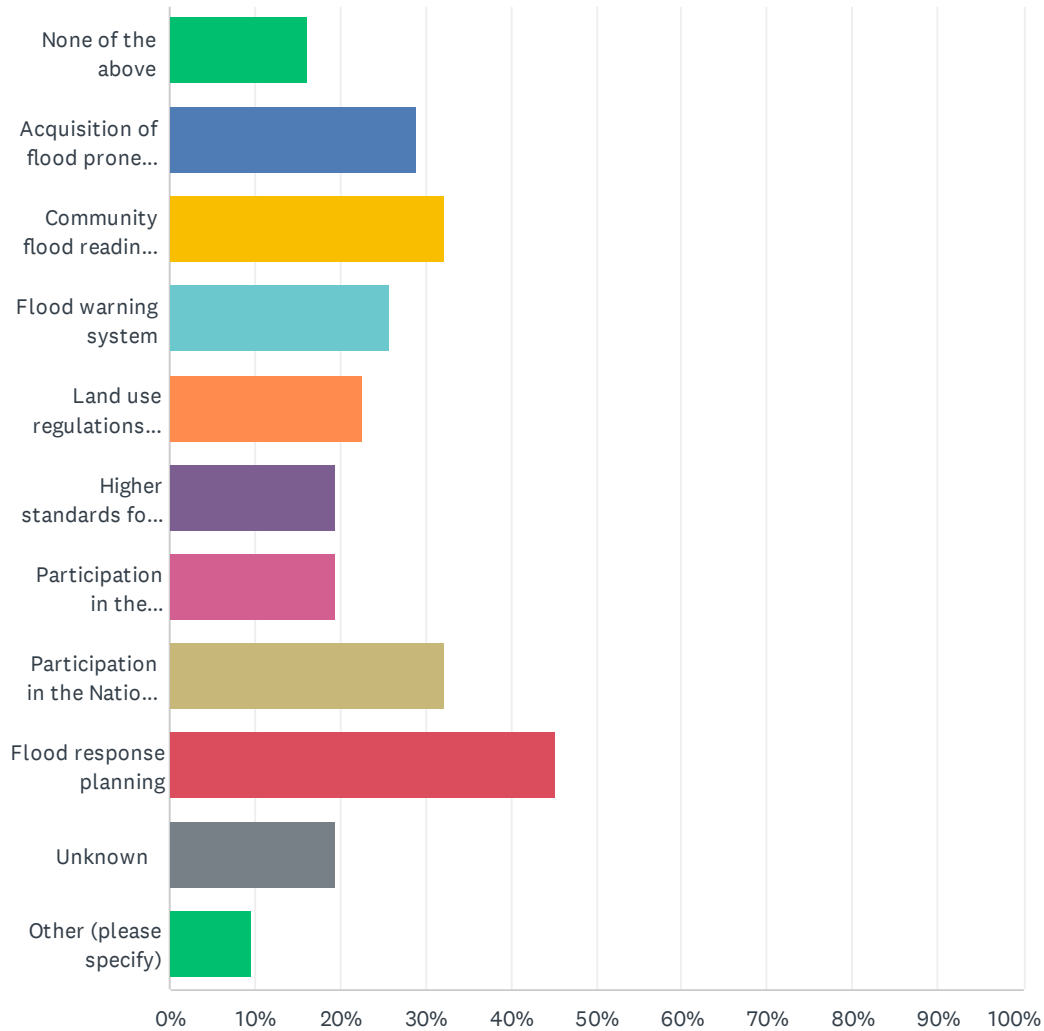
ANSWER CHOICES	RESPONSES	
None of the above	0.00%	0
Participate in the NFIP or adapt the equivalent standards	56.52%	13
Regulate development in the FEMA floodplain or other local floodplains established by local jurisdictions	56.52%	13
Establish higher standards (more stringent than the NFIP) for development or freeboard above the floodplain	30.43%	7
Drainage corridor preservation	60.87%	14
Compensatory flood storage	52.17%	12
Land use standards to reduce future flood risk	56.52%	13
Unknown	8.70%	2
Other (please specify)	0.00%	0
<b>Total Respondents: 23</b>		

Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

#	OTHER (PLEASE SPECIFY)	DATE
	There are no responses.	

### Q29 Select the measures your jurisdiction is taking to promote resilience within flood-prone areas. Select all that apply.

Answered: 31 Skipped: 90



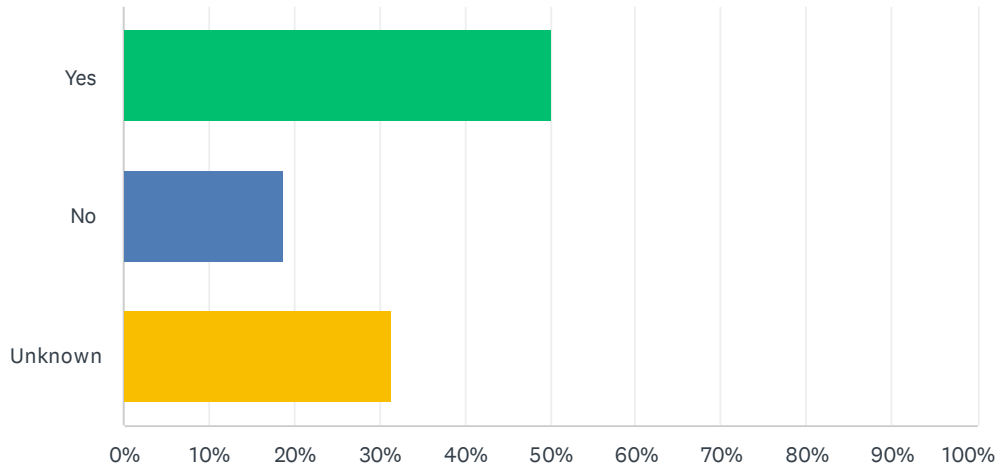
Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

ANSWER CHOICES	RESPONSES	
None of the above	16.13%	5
Acquisition of flood prone properties	29.03%	9
Community flood readiness education and training	32.26%	10
Flood warning system	25.81%	8
Land use regulations that limit future flood risk	22.58%	7
Higher standards for floodplain management	19.35%	6
Participation in the Community Rating System (CRS)	19.35%	6
Participation in the National Flood Insurance Program (NFIP)	32.26%	10
Flood response planning	45.16%	14
Unknown	19.35%	6
Other (please specify)	9.68%	3
Total Respondents: 31		

#	OTHER (PLEASE SPECIFY)	DATE
1	FLOOD MITIGATION	10/15/2021 1:29 PM
2	USACE is informing communities of the risks of living behind a levee by updating Levee Inventory in the National Levee Database( <a href="https://levees.sec.usace.army.mil/#/">https://levees.sec.usace.army.mil/#/</a> ), performing Levee Risk Screening, and communicating the result to sponsors and owner of the levee system. Will help sponsors communicate risk to communities.	10/7/2021 2:17 PM
3	Learning the process of mitigation and engagement	10/1/2021 9:50 PM

### Q30 Does your jurisdiction wish to include floodplain management goals in the regional flood plan?

Answered: 32 Skipped: 89



ANSWER CHOICES	RESPONSES	
Yes	50.00%	16
No	18.75%	6
Unknown	31.25%	10
<b>TOTAL</b>		<b>32</b>

Q31 If you selected yes to the question above, please provide your desired goals, including whether it is a short term (10-year) or long term (30-year) goal, the location or other applicability of goal (i.e., local or regional), flood risk reduction of goal (i.e., structures at risk), as well as the method to measure the goal. Please also include a point of contact for follow-up.

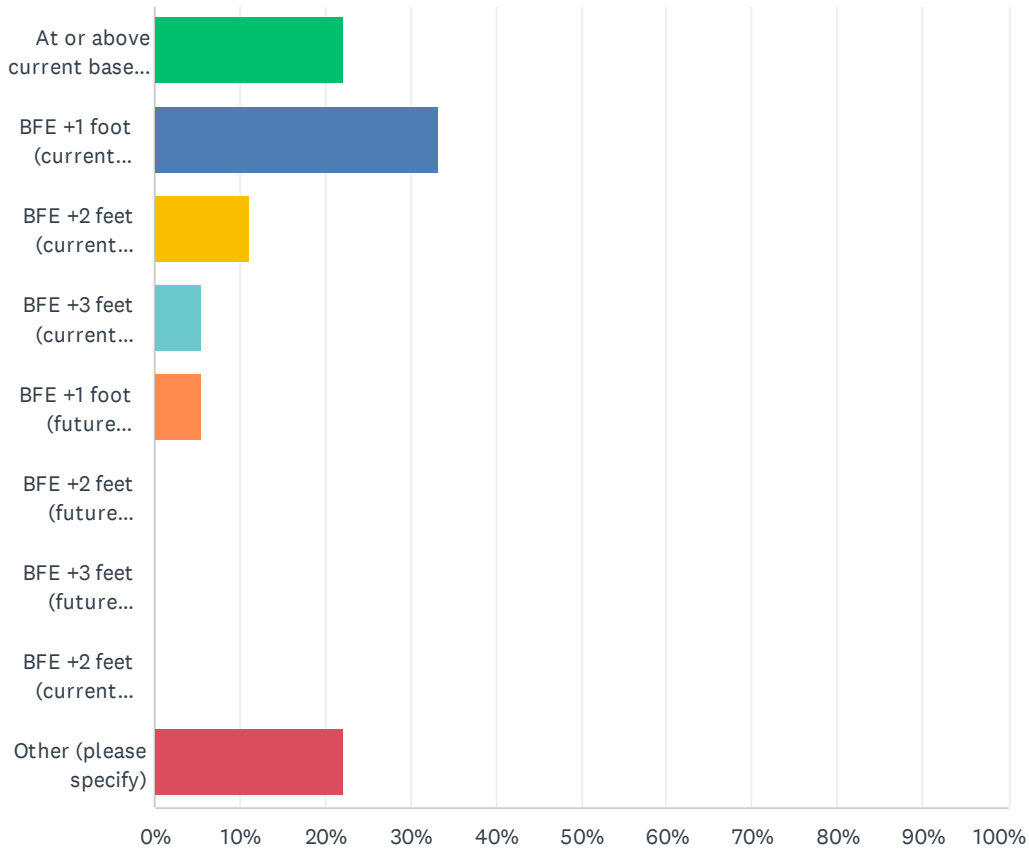
Answered: 8 Skipped: 113

#	RESPONSES	DATE
1	FLOOD MITIGATION PLAN	10/15/2021 1:29 PM
2	Controlling the flooding of our town because of drainage issues on private property	10/14/2021 9:54 AM
3	Short term. Many houses and streets in the community that flood and create some sort of hazard.	10/5/2021 9:37 PM
4	About 300 homes were affect during the flood of 2018. Short term goal is work on storm water drainage. Long term goal is to acquire all property within the flood plain.	9/30/2021 1:36 PM
5	long term, flood risk reduction	9/30/2021 11:21 AM
6	Continuous investment in flood control infrastructure throughout the County	9/29/2021 11:34 AM
7	Particular goals are not determined to-date.	9/21/2021 12:29 PM
8	TBD	8/17/2021 12:44 PM



### Q32 Which of the following described the higher standards required by your jurisdiction?

Answered: 18 Skipped: 103



ANSWER CHOICES	RESPONSES	
At or above current base flood elevation (BFE)	22.22%	4
BFE +1 foot (current 100-year conditions)	33.33%	6
BFE +2 feet (current 100-year conditions)	11.11%	2
BFE +3 feet (current 100-year conditions)	5.56%	1
BFE +1 foot (future 100-year conditions)	5.56%	1
BFE +2 feet (future 100-year conditions)	0.00%	0
BFE +3 feet (future 100-year conditions)	0.00%	0
BFE +2 feet (current 500-year conditions)	0.00%	0
Other (please specify)	22.22%	4
<b>TOTAL</b>		<b>18</b>

#	OTHER (PLEASE SPECIFY)	DATE
---	------------------------	------

## Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

1	Need more information before responding	10/14/2021 9:58 AM
2	Unknown	10/14/2021 9:54 AM
3	USACE conducts a feasibility study and evaluates the Federal Interest to determine the National Economic Development Plan based on a benefits versus costs analysis for Flood Risk Reduction projects.	10/7/2021 2:17 PM
4	N/A	9/24/2021 12:46 PM

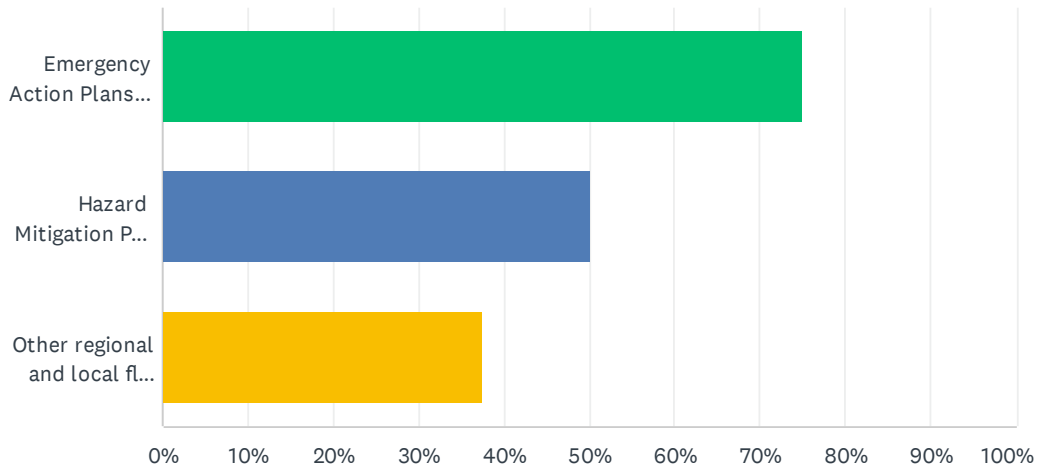
**Q33 If you have any suggestions for improved legislative authority for increased floodplain management standards, please note them below.**

Answered: 4 Skipped: 117

#	RESPONSES	DATE
1	State Legislation involvement with making bridge on HWY 277 South wider. This was a major choke point during our last flood.	9/30/2021 1:36 PM
2	Provide Texas Counties with the authority to institute land use and zoning regulations.	9/29/2021 11:34 AM
3	None at this time. Reeves County must have a County-wide floodplain study for any legislative authority.	9/21/2021 12:29 PM
4	TBD	8/17/2021 12:44 PM

### Q34 Which of the following planning documents or information does your jurisdiction have that you would like to provide to the regional flood planning group? Select all that apply.

Answered: 8 Skipped: 113



ANSWER CHOICES	RESPONSES
Emergency Action Plans (flood-related portions)	75.00% 6
Hazard Mitigation Plan (HMP)	50.00% 4
Other regional and local flood planning studies	37.50% 3
Total Respondents: 8	

Q35 If you selected one of planning document types above and your jurisdiction is willing to provide a copy, please upload it below.

Answered: 0 Skipped: 121

#	FILE NAME	FILE SIZE	DATE
There are no responses.			

Note: Q36 responses have been partially redacted to omit phone numbers and email addresses for privacy

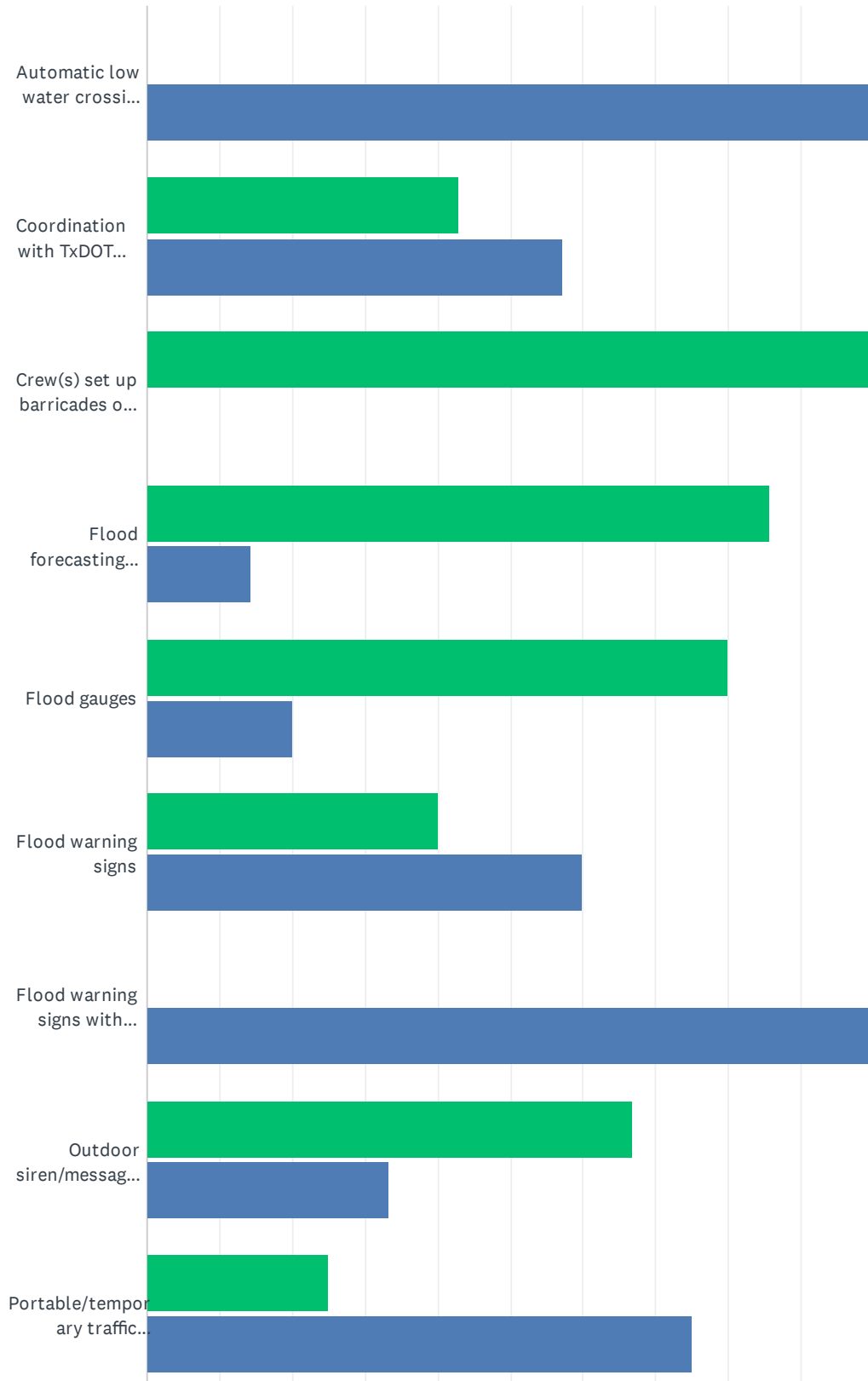
**Q36** If you have additional files or files related to hazard mitigation and emergency planning, (including files that are incompatible with the required survey file formats) please provide contact information so we can coordinate on how best to receive your files.

Answered: 3 Skipped: 118

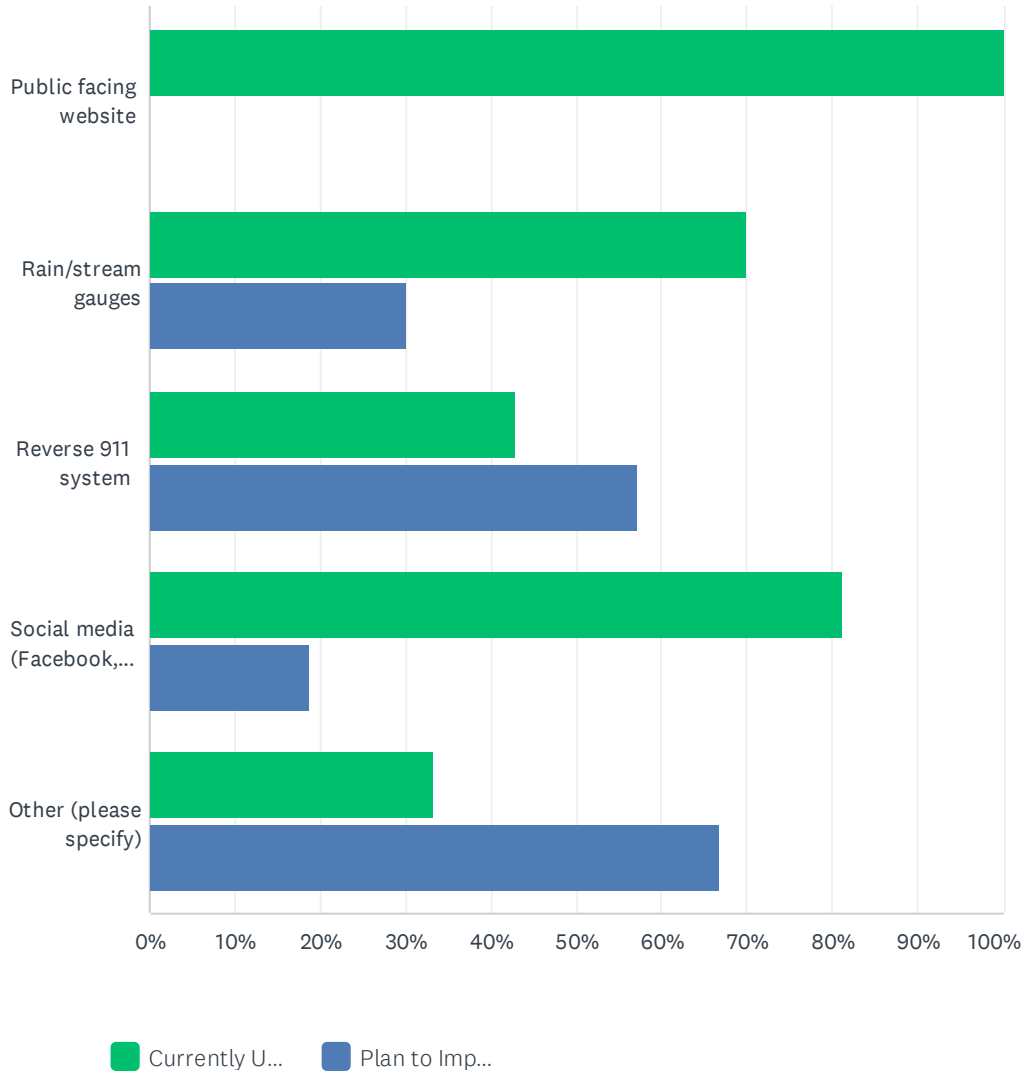
#	RESPONSES	DATE
1	Gisela Dagnino [REDACTED]	10/15/2021 4:07 PM
2	N/A	9/24/2021 12:50 PM
3	City of El Paso/County Office of Emergency Management	8/17/2021 12:56 PM

Q37 Select the emergency response measures your jurisdiction currently uses or plans to implement for flood events. Select all that apply.

Answered: 20 Skipped: 101



# Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)



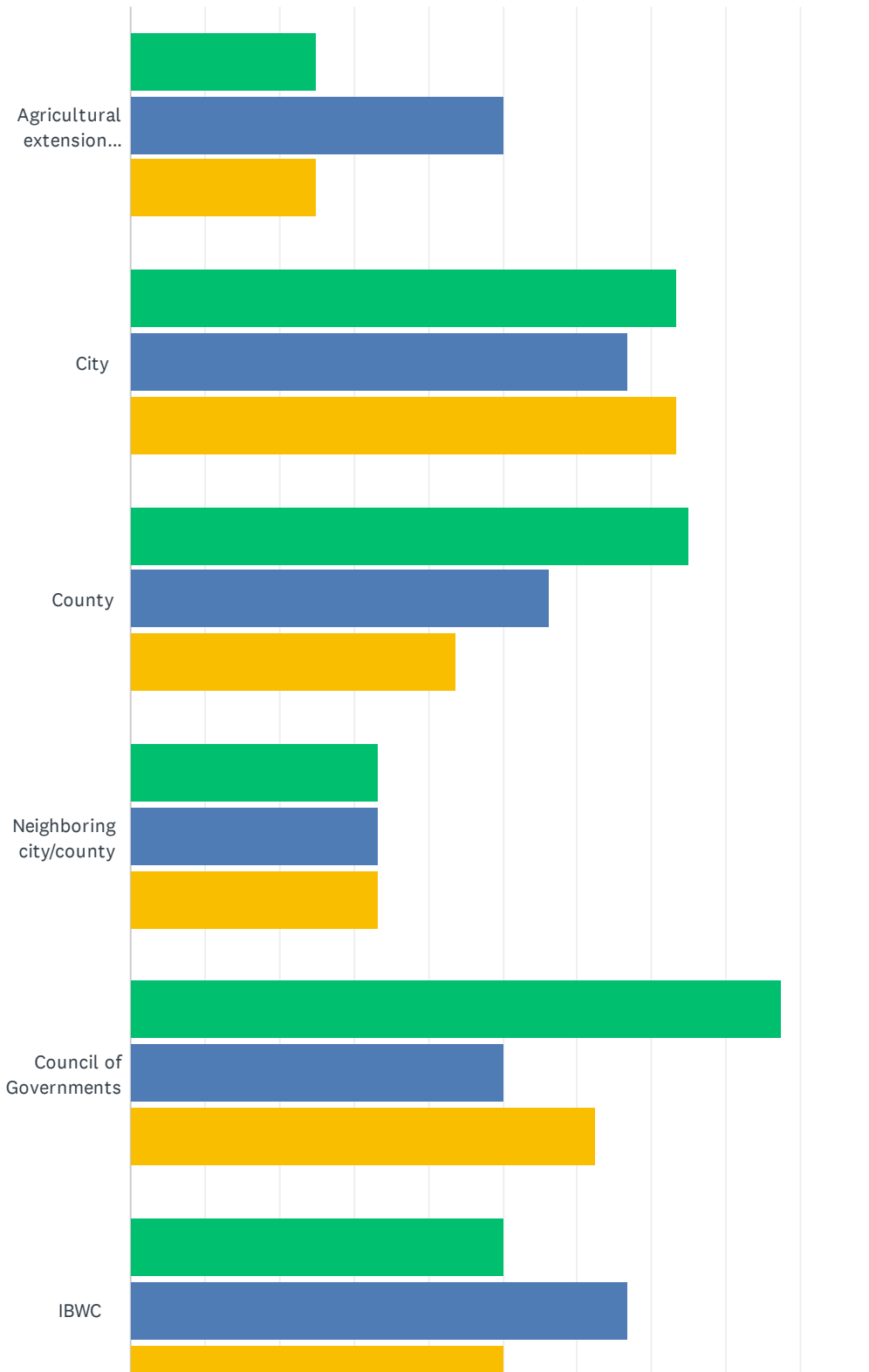


Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

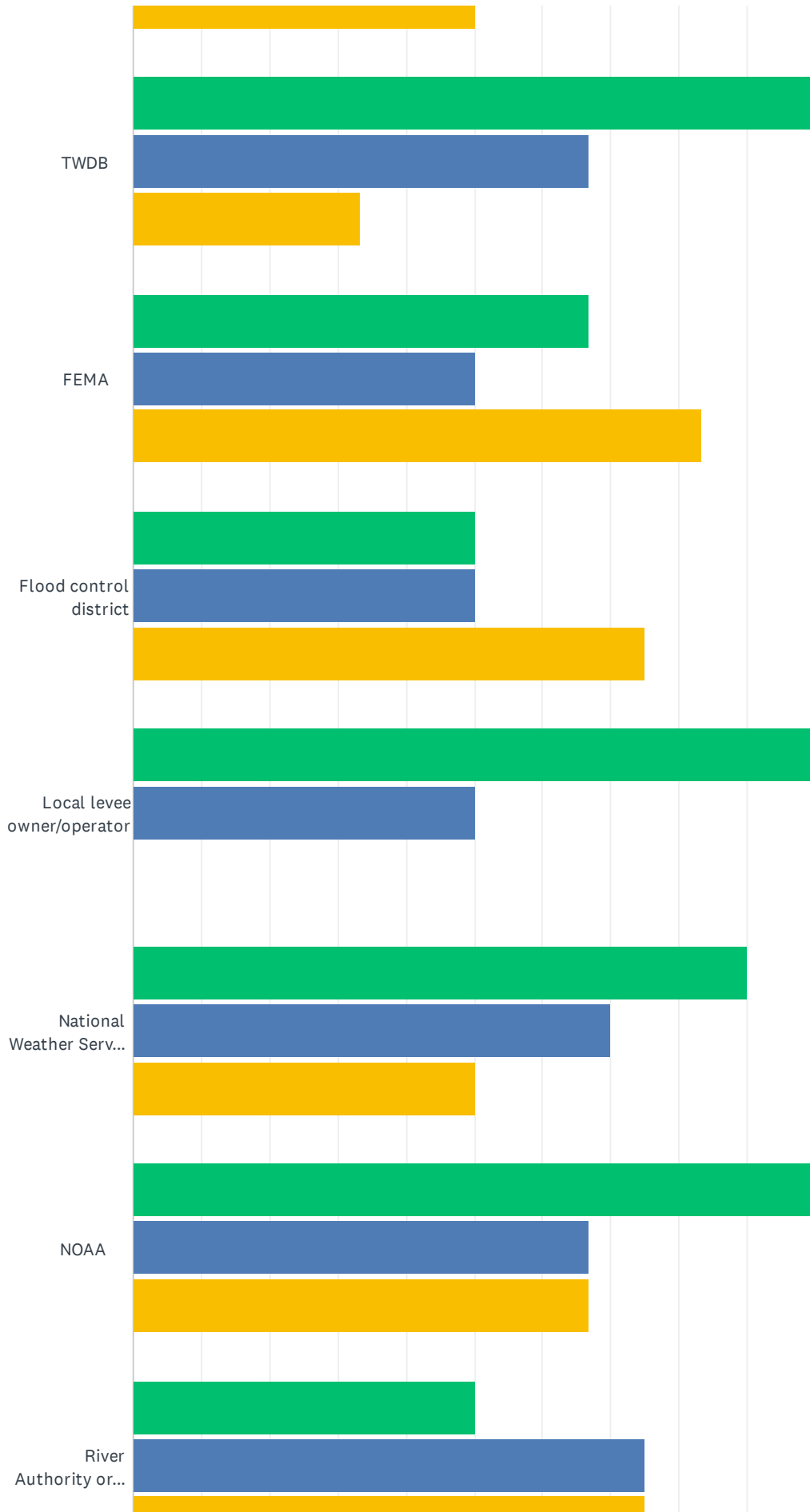
	CURRENTLY USE	PLAN TO IMPLEMENT	TOTAL	WEIGHTED AVERAGE
Automatic low water crossings (LWCs)	0.00% 0	100.00% 5	5	2.00
Coordination with TxDOT (message boards or real-time traffic control management)	42.86% 3	57.14% 4	7	1.57
Crew(s) set up barricades or close gates	100.00% 14	0.00% 0	14	1.00
Flood forecasting tool	85.71% 6	14.29% 1	7	1.14
Flood gauges	80.00% 8	20.00% 2	10	1.20
Flood warning signs	40.00% 4	60.00% 6	10	1.60
Flood warning signs with flashing lights	0.00% 0	100.00% 8	8	2.00
Outdoor siren/message speaker system	66.67% 4	33.33% 2	6	1.33
Portable/temporary traffic message boards	25.00% 2	75.00% 6	8	1.75
Public facing website	100.00% 7	0.00% 0	7	1.00
Rain/stream gauges	70.00% 7	30.00% 3	10	1.30
Reverse 911 system	42.86% 3	57.14% 4	7	1.57
Social media (Facebook, Twitter, etc.)	81.25% 13	18.75% 3	16	1.19
Other (please specify)	33.33% 1	66.67% 2	3	1.67

Q38 Indicate the entities with whom you coordinate to improve flood response in preparation for a flood event, during a flood event and after a flood event. Please select all that apply.

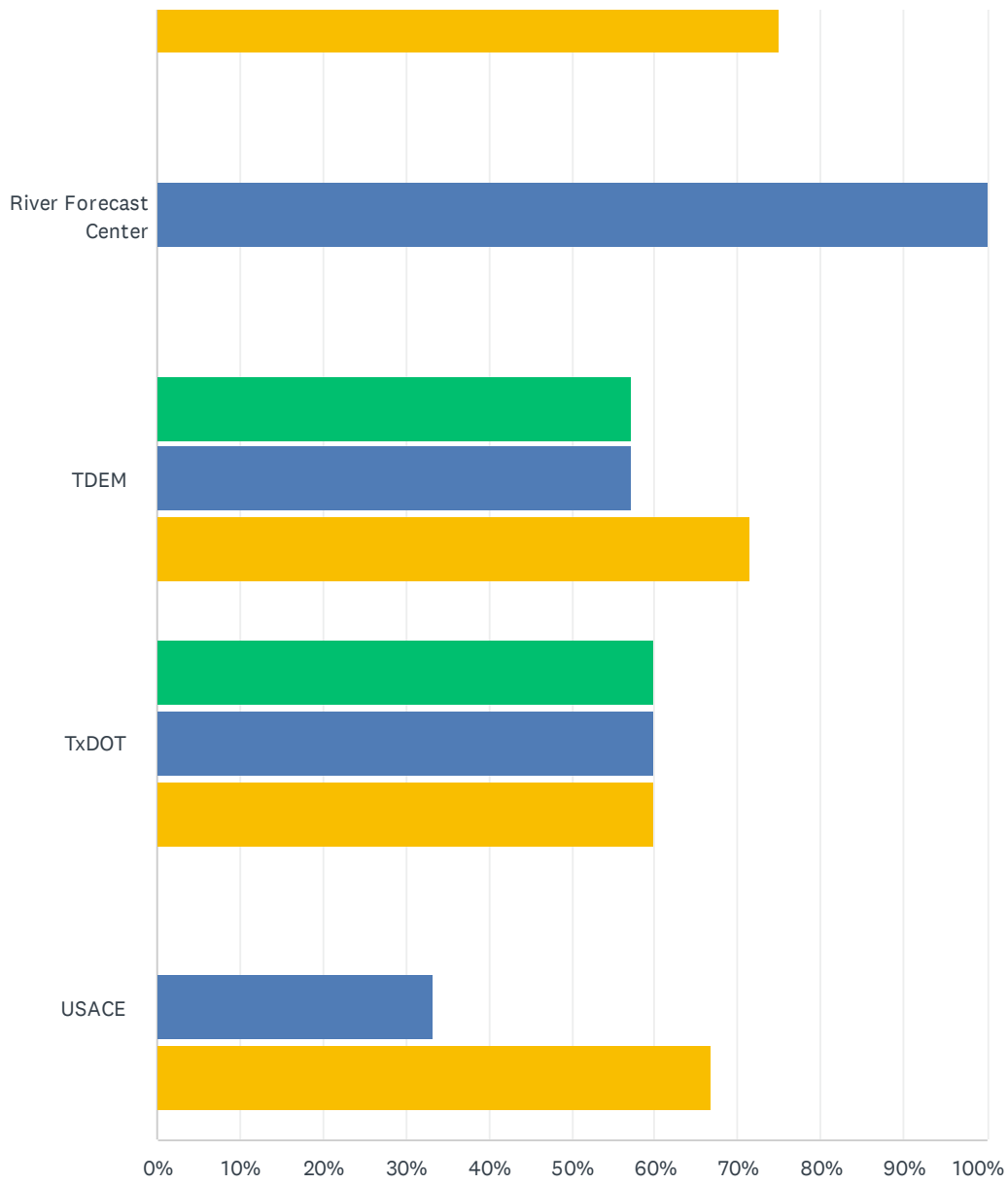
Answered: 23 Skipped: 98



Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)



# Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)



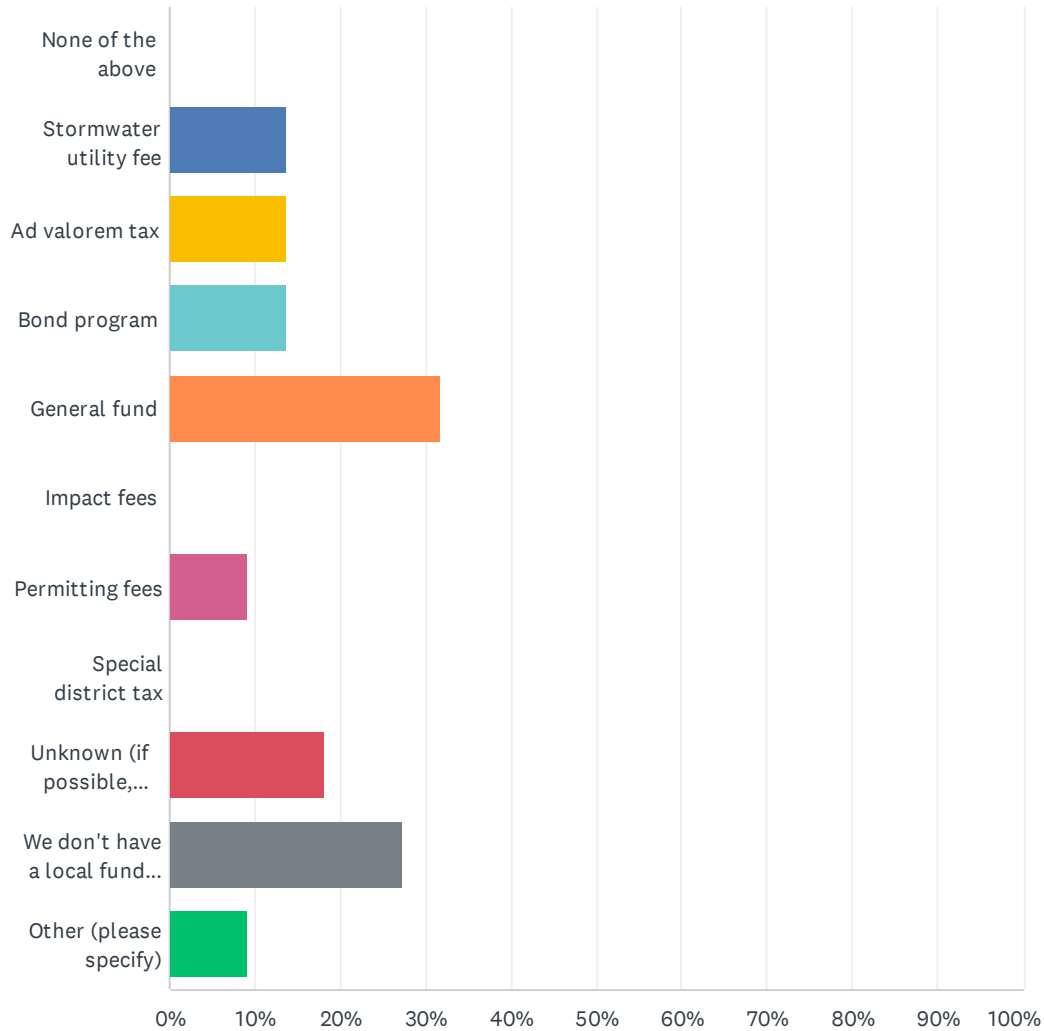
■ In Preparat... ■ During a FL... ■ After a Floo...

Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

	IN PREPARATION FOR A FLOOD EVENT	DURING A FLOOD EVENT	AFTER A FLOOD EVENT	TOTAL RESPONDENTS
Agricultural extension agents	25.00% 1	50.00% 2	25.00% 1	4
City	73.33% 11	66.67% 10	73.33% 11	15
County	75.00% 12	56.25% 9	43.75% 7	16
Neighboring city/county	33.33% 1	33.33% 1	33.33% 1	3
Council of Governments	87.50% 7	50.00% 4	62.50% 5	8
IBWC	50.00% 3	66.67% 4	50.00% 3	6
TWDB	100.00% 3	66.67% 2	33.33% 1	3
FEMA	66.67% 4	50.00% 3	83.33% 5	6
Flood control district	50.00% 2	50.00% 2	75.00% 3	4
Local levee owner/operator	100.00% 2	50.00% 1	0.00% 0	2
National Weather Service (NWS)	90.00% 9	70.00% 7	50.00% 5	10
NOAA	100.00% 3	66.67% 2	66.67% 2	3
River Authority or Water District	50.00% 2	75.00% 3	75.00% 3	4
River Forecast Center	0.00% 0	100.00% 2	0.00% 0	2
TDEM	57.14% 4	57.14% 4	71.43% 5	7
TxDOT	60.00% 6	60.00% 6	60.00% 6	10
USACE	0.00% 0	33.33% 1	66.67% 2	3

### Q39 Which of the following describes your local funding sources for flood management activities within the last five years. Select all that apply.

Answered: 22 Skipped: 99



Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

ANSWER CHOICES	RESPONSES
None of the above	0.00% 0
Stormwater utility fee	13.64% 3
Ad valorem tax	13.64% 3
Bond program	13.64% 3
General fund	31.82% 7
Impact fees	0.00% 0
Permitting fees	9.09% 2
Special district tax	0.00% 0
Unknown (if possible, please provide point of contact for follow up in the "Other" comment box below)	18.18% 4
We don't have a local funding source for flood management activities	27.27% 6
Other (please specify)	9.09% 2
Total Respondents: 22	

#	OTHER (PLEASE SPECIFY)	DATE
1	federal funding	10/15/2021 5:15 PM
2	TWDB FIF grants/loan	8/17/2021 1:06 PM

**Q40** If your community has received funding for storm-water related infrastructure projects in the last 5 years or has been selected to receive funding in the near term future, can you please provide a list of projects funded with outside sources and the funding sources utilized for each? If you would prefer that we follow up with you via email following the survey, please indicate so in the question response field.

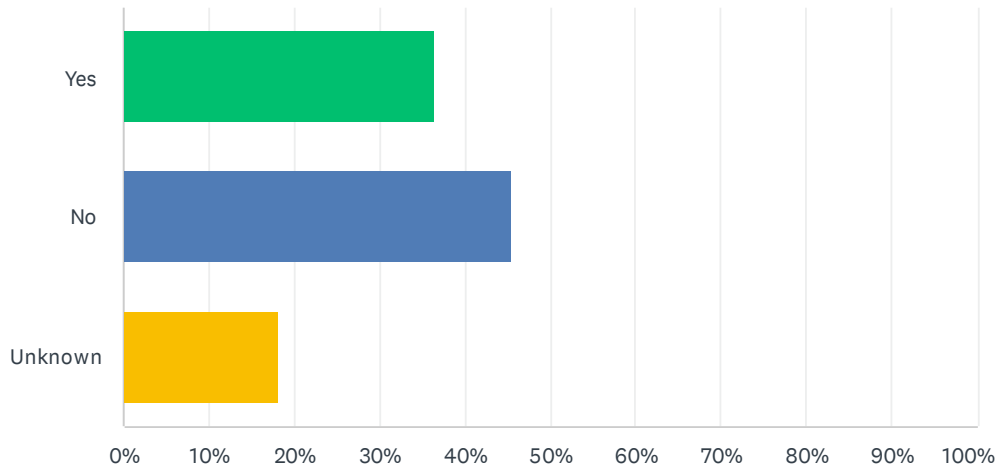
Answered: 4 Skipped: 117

#	RESPONSES	DATE
1	USACE - Central Dams Feasibility Study TWDB - Will Ruth Pond and Conveyance Improvements	10/15/2021 4:11 PM
2	NOT RECENTLY	10/15/2021 1:32 PM
3	N/A	9/24/2021 12:52 PM
4	HAC7 - TWDB FIF program SSA1 - TWDB FIF program	8/17/2021 1:06 PM



### Q41 Does your organization maintain a list of future stormwater related projects for future implementation, regardless of whether funding is currently available (e.g., capital expenditure plan, etc.)?

Answered: 22 Skipped: 99



ANSWER CHOICES	RESPONSES	
Yes	36.36%	8
No	45.45%	10
Unknown	18.18%	4
<b>TOTAL</b>		<b>22</b>

## Q42 If you answered yes and your jurisdiction is willing to provide further information, please upload.

Answered: 0 Skipped: 121

#	FILE NAME	FILE SIZE	DATE
There are no responses.			

**Q43 If you have additional files or files related to funding for future stormwater infrastructure, (including files that are incompatible with the required survey file formats) please provide contact information so we can coordinate on how best to receive your files.**

Answered: 3 Skipped: 118

#	RESPONSES	DATE
1	N/A	10/2/2021 8:30 AM
2	N/A	9/24/2021 12:52 PM
3	2020 Stormwater Master Plan - AECOM	8/17/2021 1:06 PM

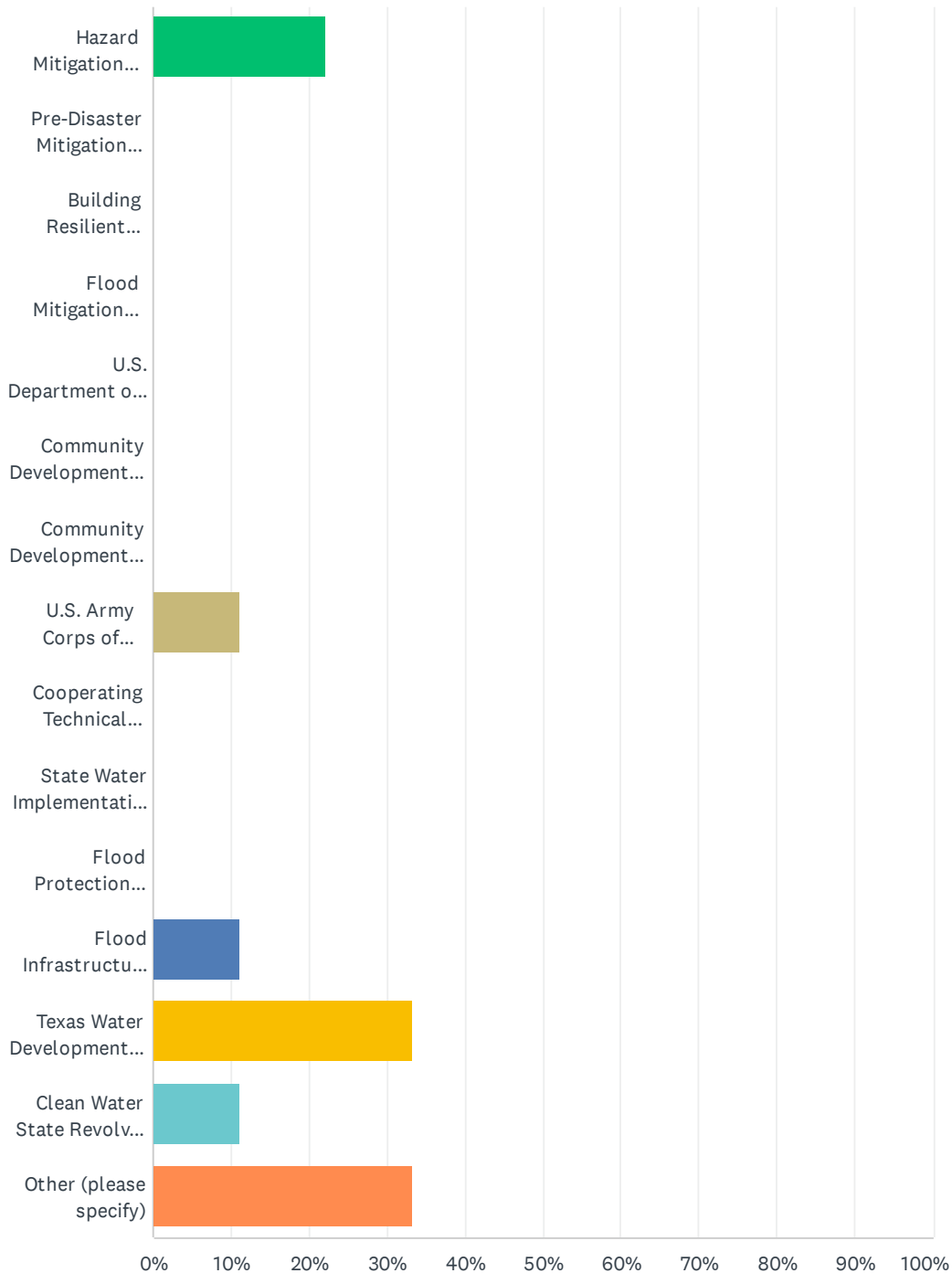
## Q44 If you have a stormwater utility fee, what is the rate?

Answered: 5 Skipped: 116

#	RESPONSES	DATE
1	Refer to EPWater's website	10/15/2021 4:11 PM
2	4.51	10/12/2021 3:25 PM
3	N/A	10/2/2021 8:30 AM
4	N/A	9/24/2021 12:52 PM
5	N/A	8/17/2021 1:06 PM

### Q45 In addition to local resources, if any, what other funding sources have you obtained to pay for implementation of your flood management activities? Select all that apply.

Answered: 9 Skipped: 112



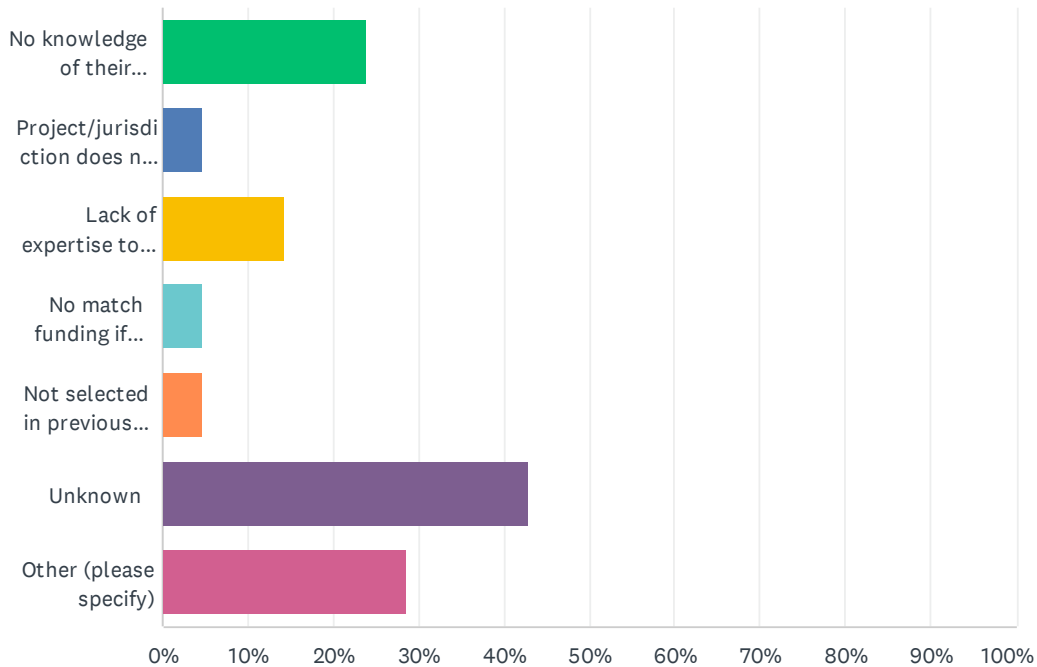
Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

ANSWER CHOICES	RESPONSES	
Hazard Mitigation Grant Program (HMGP) [FEMA, TDEM]	22.22%	2
Pre-Disaster Mitigation (PDM) [FEMA, TDEM]	0.00%	0
Building Resilient Infrastructure and Communities (BRIC) [FEMA, TDEM]	0.00%	0
Flood Mitigation Agriculture (FMA) [FEMA, TDEM]	0.00%	0
U.S. Department of Agriculture - National Resources Conservation Service (NRCS)	0.00%	0
Community Development Block Grant - Disaster Recovery (CDNG-DR) [HUD, GLO]	0.00%	0
Community Development Block Grant - Mitigation (CDNG-DMIT) [HUD, GLO]	0.00%	0
U.S. Army Corps of Engineers Small Continuing Authorities Program (USACE CAP)	11.11%	1
Cooperating Technical Partners (CTP) [TWDB]	0.00%	0
State Water Implementation Fund for Texas (SWIFT) [TWDB]	0.00%	0
Flood Protection Planning Grant [TWDB]	0.00%	0
Flood Infrastructure Funding (FIF) [TWDB]	11.11%	1
Texas Water Development Board (DFund) [TWDB]	33.33%	3
Clean Water State Revolving Fund (CWSRF) [TWDB]	11.11%	1
Other (please specify)	33.33%	3
Total Respondents: 9		

#	OTHER (PLEASE SPECIFY)	DATE
1	Best Practices	10/14/2021 10:01 AM
2	nadb	10/12/2021 3:25 PM
3	N/A	9/24/2021 12:52 PM

### Q46 Are there reasons why your jurisdiction does not seek other funding sources to pay for implementation of your flood management activities? Select all that apply?

Answered: 21 Skipped: 100



ANSWER CHOICES	RESPONSES	
No knowledge of their funding sources	23.81%	5
Project/jurisdiction does not meet requirements	4.76%	1
Lack of expertise to apply for funding	14.29%	3
No match funding if required local share	4.76%	1
Not selected in previous submissions by funding agents	4.76%	1
Unknown	42.86%	9
Other (please specify)	28.57%	6
Total Respondents: 21		

#	OTHER (PLEASE SPECIFY)	DATE
1	federally-funded projects cannot be augmented with local funds	10/15/2021 5:15 PM
2	We are always seeking other funding opportunities	10/15/2021 4:11 PM
3	Have applied and not been awarded	10/13/2021 2:50 PM
4	Counties resposibility	9/24/2021 12:52 PM
5	Obtained differnt type of funding	9/20/2021 11:43 AM

Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

---

6

Not selected in previous submissions

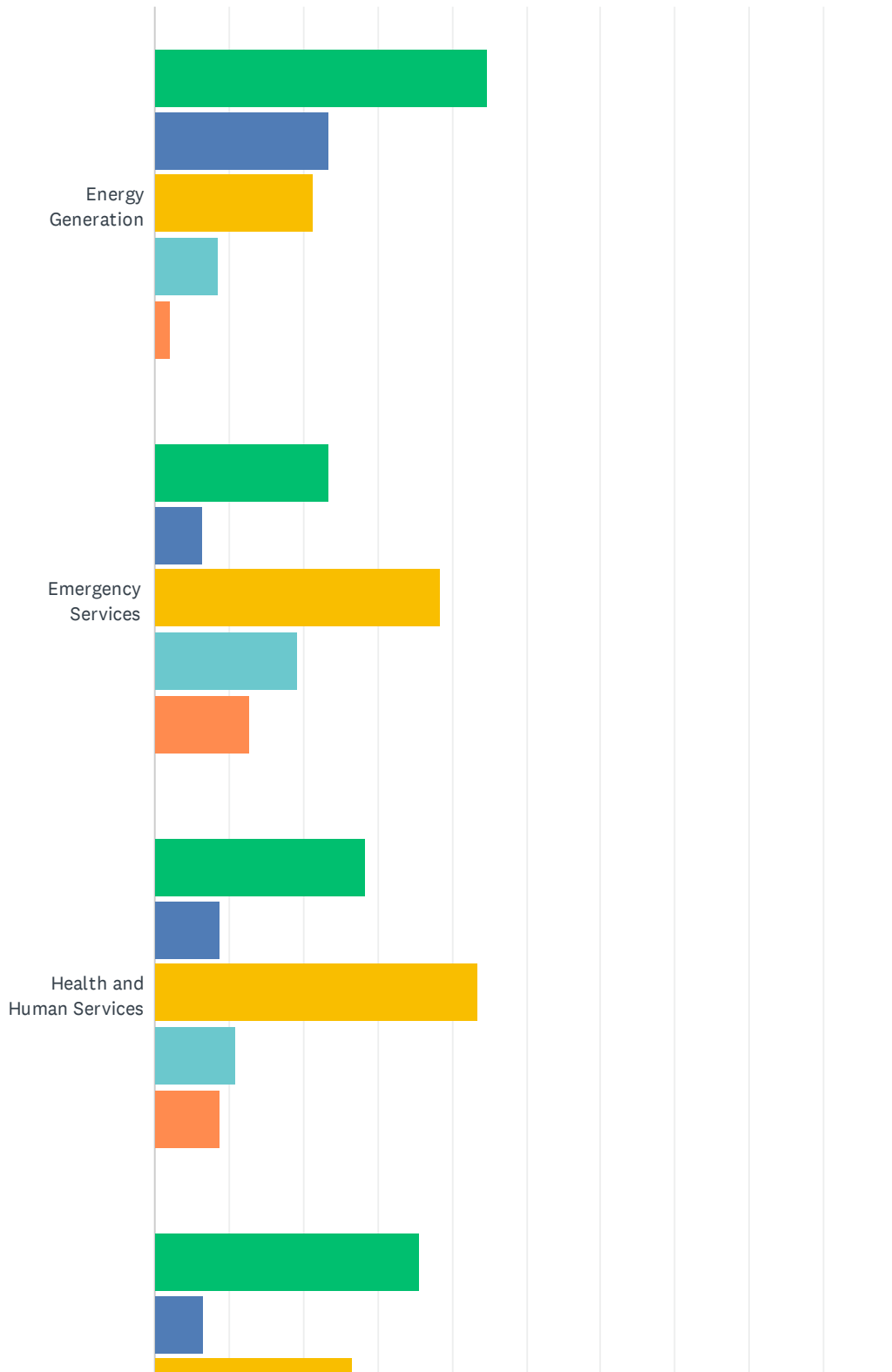
8/17/2021 1:06 PM

---

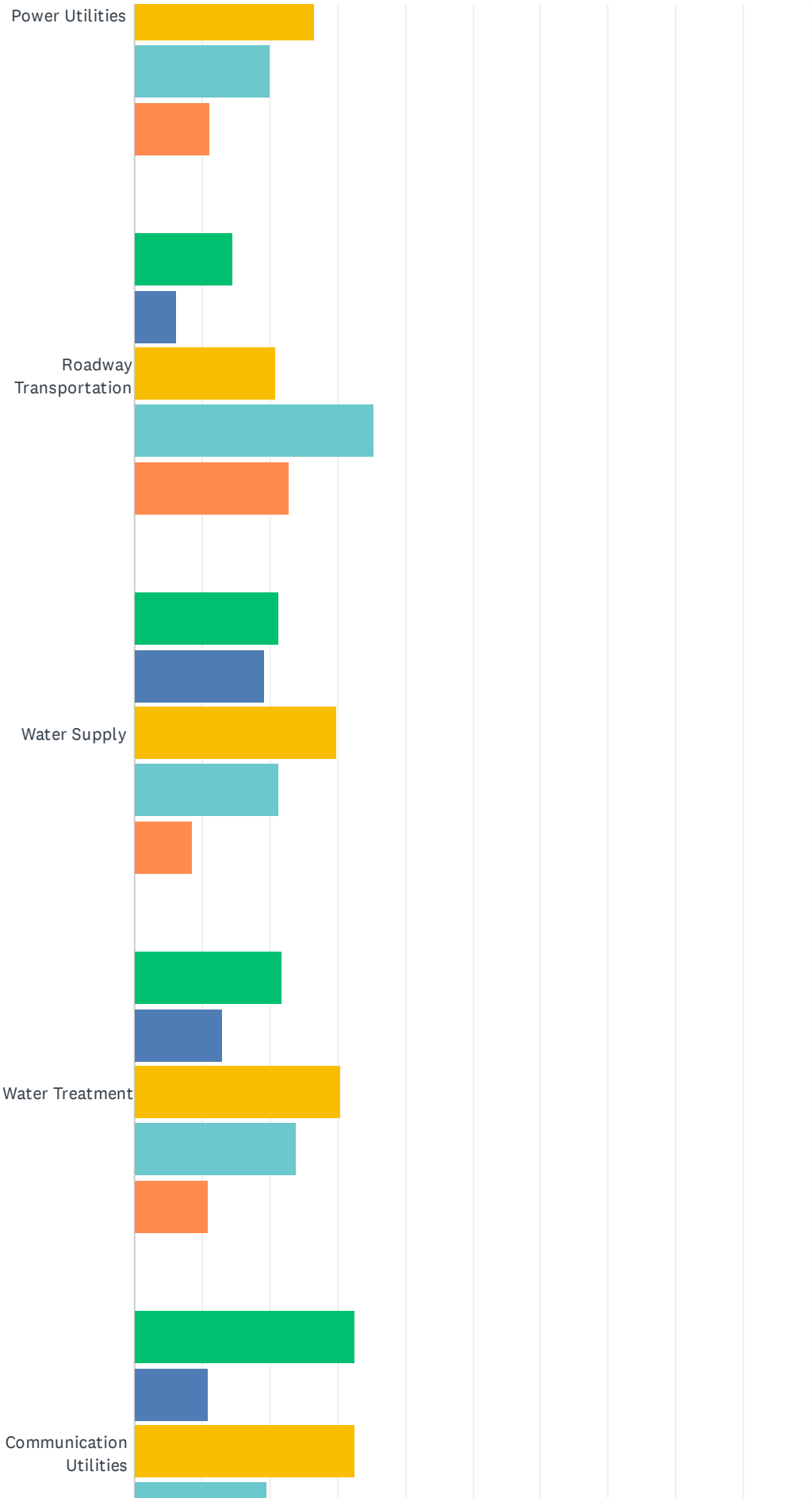


Q47 Based upon experience with the past floods and findings from studies, please indicate the anticipated exposure to flooding for the following assets/service categories within your jurisdiction.

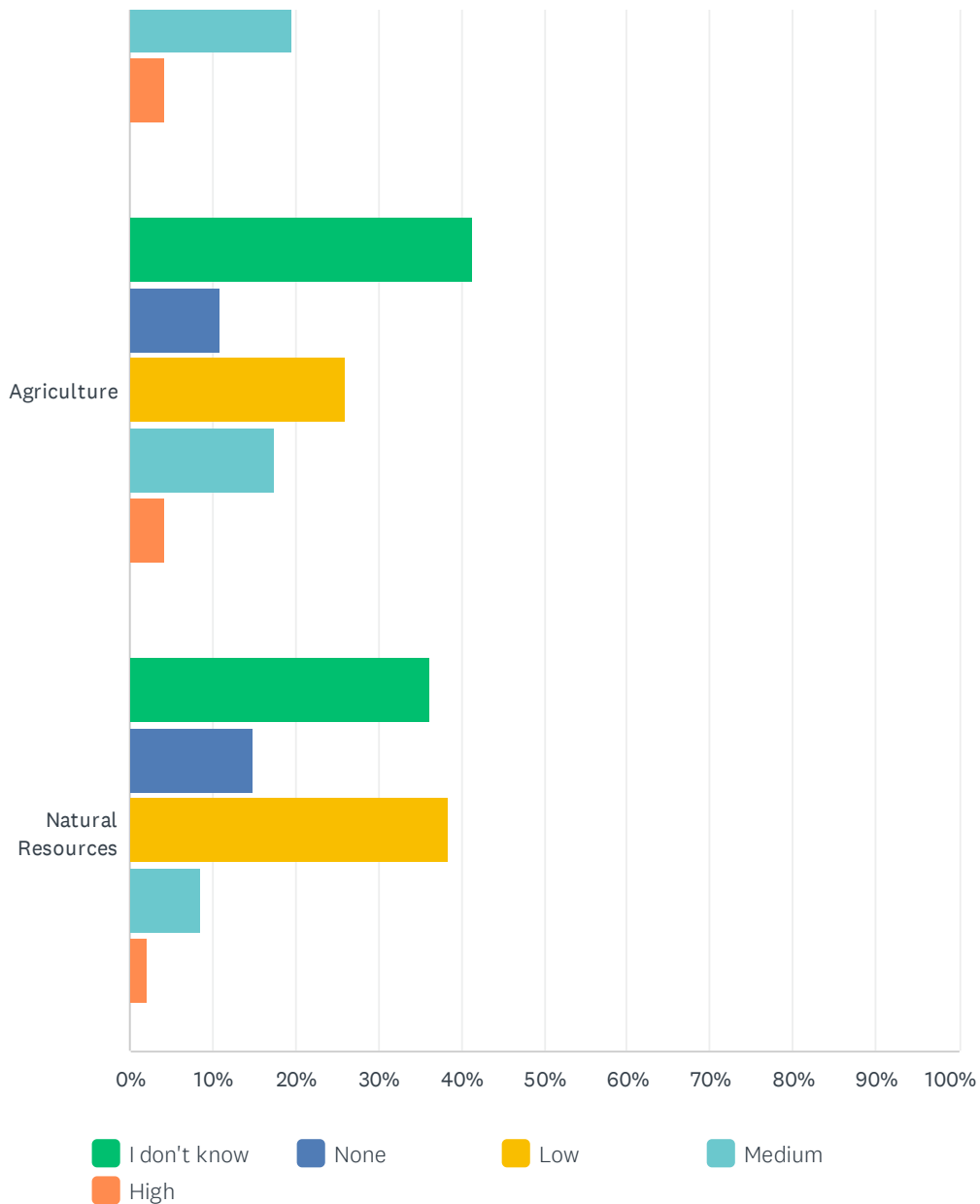
Answered: 50 Skipped: 71



Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)



Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

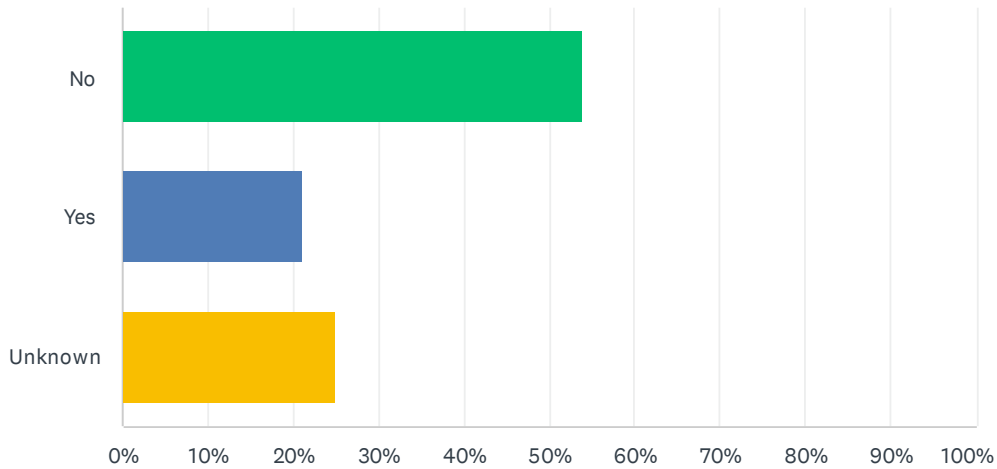


Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

	I DON'T KNOW	NONE	LOW	MEDIUM	HIGH	TOTAL
Energy Generation	44.68% 21	23.40% 11	21.28% 10	8.51% 4	2.13% 1	47
Emergency Services	23.40% 11	6.38% 3	38.30% 18	19.15% 9	12.77% 6	47
Health and Human Services	28.26% 13	8.70% 4	43.48% 20	10.87% 5	8.70% 4	46
Power Utilities	35.56% 16	6.67% 3	26.67% 12	20.00% 9	11.11% 5	45
Roadway Transportation	14.58% 7	6.25% 3	20.83% 10	35.42% 17	22.92% 11	48
Water Supply	21.28% 10	19.15% 9	29.79% 14	21.28% 10	8.51% 4	47
Water Treatment	21.74% 10	13.04% 6	30.43% 14	23.91% 11	10.87% 5	46
Communication Utilities	32.61% 15	10.87% 5	32.61% 15	19.57% 9	4.35% 2	46
Agriculture	41.30% 19	10.87% 5	26.09% 12	17.39% 8	4.35% 2	46
Natural Resources	36.17% 17	14.89% 7	38.30% 18	8.51% 4	2.13% 1	47

### Q48 Does your organization maintain a database of stormwater related complaints, gauge data, high-water marks, and/or estimated damages for historical flood events?

Answered: 52 Skipped: 69



ANSWER CHOICES	RESPONSES	
No	53.85%	28
Yes	21.15%	11
Unknown	25.00%	13
<b>TOTAL</b>		<b>52</b>

Note: Q49 responses have been partially redacted to omit phone numbers and email addresses for privacy

Q49 If your community is willing to provide further information on historical flood events (such as complaints, gauge data, high-water marks, or estimated damages), please provide a point of contact.

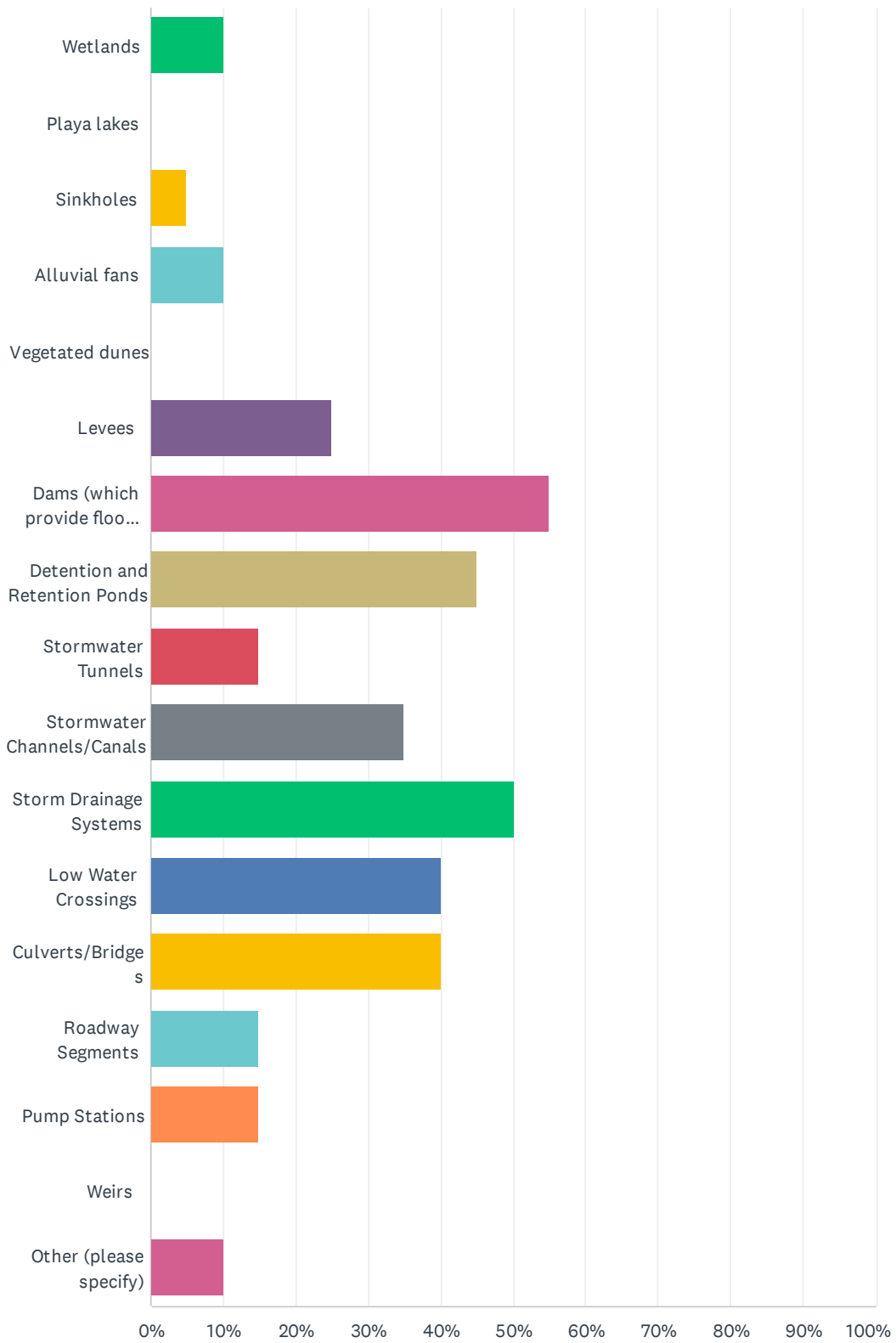
Answered: 15 Skipped: 106

#	RESPONSES	DATE
1	We hold conservation easements on City of El Paso Lands and own a nature preserve, all urban. Happy to share what we know. Janae Reneaud Field: [REDACTED]	1/13/2022 5:17 PM
2	Antonio Santana	10/19/2021 5:03 PM
3	Gisela Dagnino [REDACTED]	10/15/2021 4:13 PM
4	County Offices	10/15/2021 10:28 AM
5	N/A	10/15/2021 9:25 AM
6	Yes	10/15/2021 9:11 AM
7	N/A	10/14/2021 9:29 AM
8	Stephanie N. Elmore EMC [REDACTED]	10/6/2021 10:47 AM
9	Charles Wolf	10/4/2021 10:59 AM
10	Joanna (Jojo) MacKenzie, NRP Emergency Management Coordinator/County Administrator [REDACTED] www.co.hudspeth.tx.us	10/4/2021 9:34 AM
11	Cecil Lee. Water board president	10/2/2021 8:34 AM
12	Meredith, [REDACTED] - we have rainfall data with computerized tipping buckets and water level data taken monthly.	9/29/2021 2:05 PM
13	Jose Ramirez [REDACTED]	9/24/2021 12:54 PM
14	Honorable Fred Deaton Crockett County Judge PO Box 1857 Ozona, TX 76943 [REDACTED]	9/17/2021 10:24 AM
15	Superintendent Jaquez [REDACTED]	9/16/2021 10:20 AM

Q50 Does your organization maintain any geospatial (GIS) files for any of the following natural flood mitigation features or constructed major flood infrastructure types? If yes, select all that apply. If no, please leave blank.

Answered: 20 Skipped: 101

# Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)





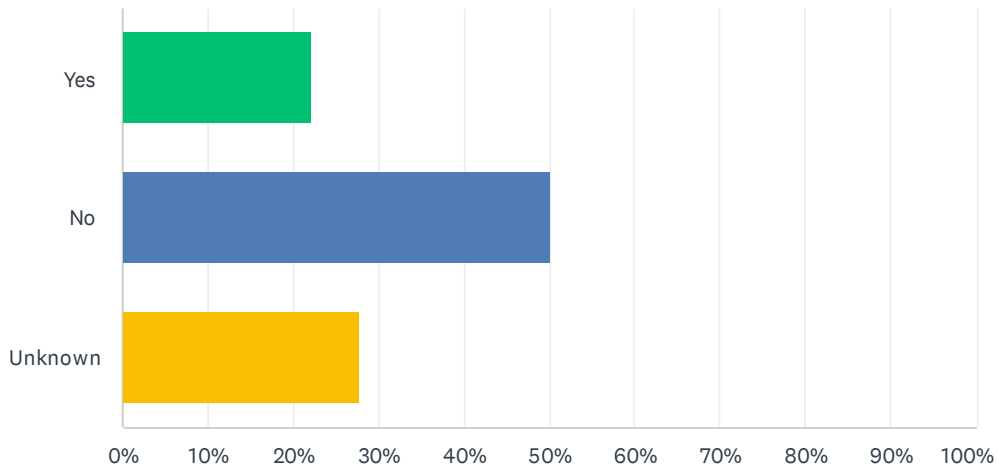
Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

ANSWER CHOICES	RESPONSES	
Wetlands	10.00%	2
Playa lakes	0.00%	0
Sinkholes	5.00%	1
Alluvial fans	10.00%	2
Vegetated dunes	0.00%	0
Levees	25.00%	5
Dams (which provide flood protection)	55.00%	11
Detention and Retention Ponds	45.00%	9
Stormwater Tunnels	15.00%	3
Stormwater Channels/Canals	35.00%	7
Storm Drainage Systems	50.00%	10
Low Water Crossings	40.00%	8
Culverts/Bridges	40.00%	8
Roadway Segments	15.00%	3
Pump Stations	15.00%	3
Weirs	0.00%	0
Other (please specify)	10.00%	2
Total Respondents: 20		

#	OTHER (PLEASE SPECIFY)	DATE
1	No GIS files on record.	10/15/2021 9:23 AM
2	Please look in the National Levee Database ( <a href="https://levees.sec.usace.army.mil/#/">https://levees.sec.usace.army.mil/#/</a> ) and National Inventory of Dams( <a href="https://nid.usace.army.mil/ords/f?p=105:1:.....">https://nid.usace.army.mil/ords/f?p=105:1:.....</a> )	10/7/2021 2:37 PM

**Q51 Does your organization maintain any geospatial (GIS) files for any critical infrastructures features (examples include fire stations, police stations, emergency shelters, water and wastewater treatment plants, power generating facilities, power transmitting facilities, assisted living facilities, nursing homes)?**

Answered: 54 Skipped: 67



ANSWER CHOICES		RESPONSES	
Yes		22.22%	12
No		50.00%	27
Unknown		27.78%	15
TOTAL			54

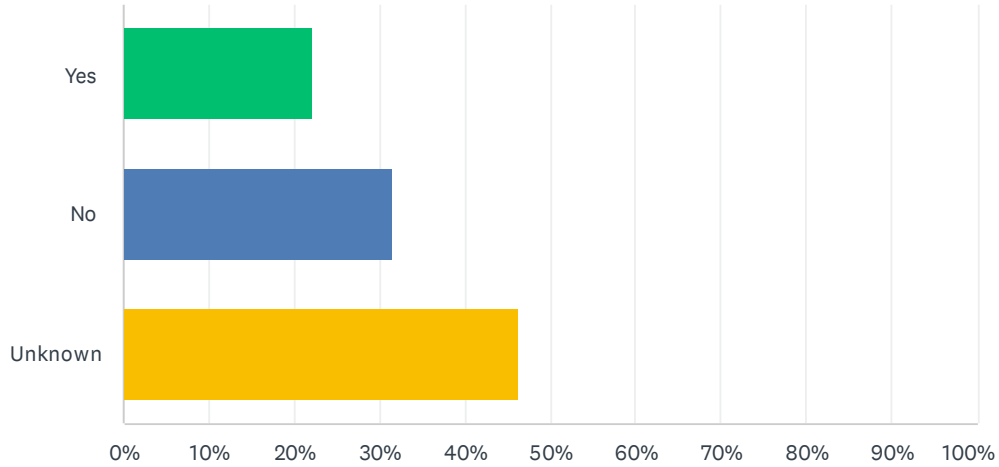
**Q52** If your jurisdiction is willing to share geospatial files for existing infrastructure, please provide a point of contact below including a phone number or email for us to reach out for this information. Note: For adding a small number of geospatial features, you may also add your data using the GIS data collection app linked at the end of this survey.

Answered: 6 Skipped: 115

#	RESPONSES	DATE
1	county offices	10/15/2021 10:30 AM
2	N/A	10/15/2021 9:23 AM
3	Can be downloaded from databases	10/7/2021 2:37 PM
4	Jerry D Bullard	10/2/2021 8:39 AM
5	Norma Rivera-Palacios	9/29/2021 2:41 PM
6	please contact later as the gis is currently under construction.	9/17/2021 10:25 AM

## Q53 Does your jurisdiction have flood infrastructure that provides water quality benefits?

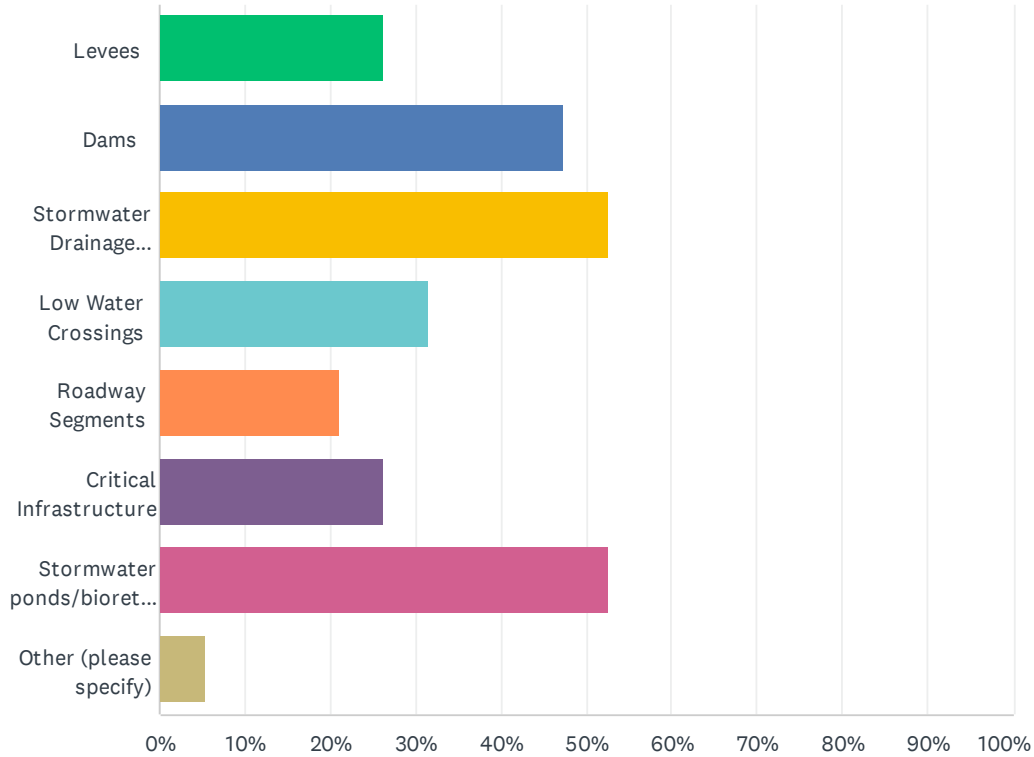
Answered: 54 Skipped: 67



ANSWER CHOICES	RESPONSES	
Yes	22.22%	12
No	31.48%	17
Unknown	46.30%	25
TOTAL		54

### Q54 If so, which of the features provide water quality benefit? Select all that apply.

Answered: 19 Skipped: 102



ANSWER CHOICES	RESPONSES
Levees	26.32% 5
Dams	47.37% 9
Stormwater Drainage Systems	52.63% 10
Low Water Crossings	31.58% 6
Roadway Segments	21.05% 4
Critical Infrastructure	26.32% 5
Stormwater ponds/bioretention	52.63% 10
Other (please specify)	5.26% 1
Total Respondents: 19	

#	OTHER (PLEASE SPECIFY)	DATE
1	yes, if you consider open natural lands with arroyos	1/13/2022 5:18 PM

Note: Q55 responses have been partially redacted to omit phone numbers and email addresses for privacy

**Q55 Does your organization maintain a database of the condition and/or age of stormwater infrastructure in your community. If so, please provide a point of contact below including a phone number or email for us to reach out for this information.**

Answered: 10 Skipped: 111

#	RESPONSES	DATE
1	NO	10/15/2021 1:34 PM
2	No	10/15/2021 10:30 AM
3	No	10/15/2021 9:23 AM
4	Yes	10/14/2021 10:07 AM
5	N/A	10/14/2021 9:29 AM
6	National Levee Database and National Inventory of Dams, see question 50.	10/7/2021 2:37 PM
7	Unknown	10/4/2021 9:38 AM
8	N/A	10/2/2021 8:39 AM
9	Albert Valle, CFM Public Works Director Town of Horizon City 14999 Darrington Road Horizon City, TX 79928 Cell Number: [REDACTED]	9/20/2021 11:49 AM
10	Jorge Morales [REDACTED]	8/17/2021 1:17 PM

Note: Q56 responses have been partially redacted to omit phone numbers and email addresses for privacy

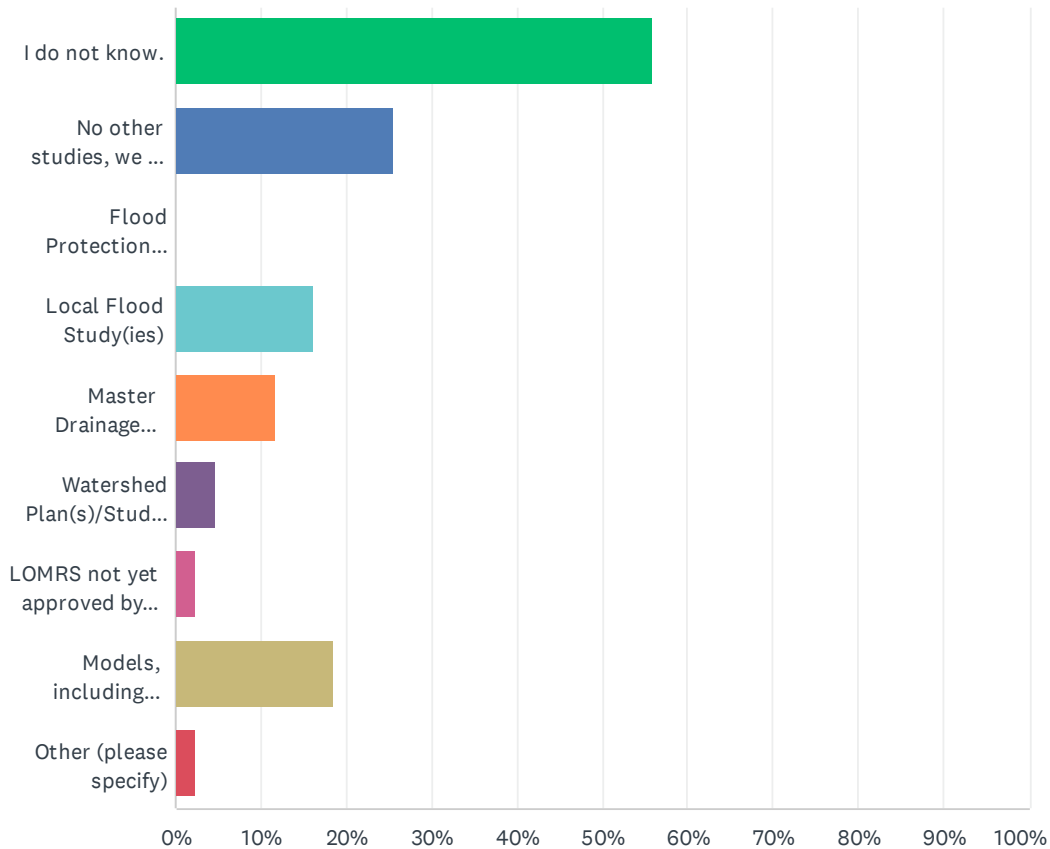
**Q56 Does your organization maintain a library of as-built plans for construction stormwater infrastructure in your community. If so, please provide a point of contact below including a phone number or email for us to reach out for this information.**

Answered: 12 Skipped: 109

#	RESPONSES	DATE
1	NO	10/15/2021 1:34 PM
2	No	10/15/2021 10:30 AM
3	DANIEL MARTINEZ [REDACTED]	10/15/2021 9:30 AM
4	No at the City. But local TxDot may have maps.	10/15/2021 9:23 AM
5	Yes	10/14/2021 10:07 AM
6	N/A	10/14/2021 9:29 AM
7	myself	10/7/2021 2:37 PM
8	County Clerk [REDACTED]	10/4/2021 10:47 AM
9	Unknwon	10/4/2021 9:38 AM
10	N/A	10/2/2021 8:39 AM
11	Albert Valle, CFM Public Works Director Town of Horizon City 14999 Darrington Road Horizon City, TX 79928 [REDACTED]	9/20/2021 11:49 AM
12	Jorge Morales [REDACTED] Gilbert Saldana [REDACTED]	8/17/2021 1:17 PM

### Q57 Which of the following is used to define best available flood risk (floodplains) in your community or jurisdiction in addition to FEMA studies and Base Level Engineering? Select all that apply.

Answered: 43 Skipped: 78



ANSWER CHOICES	RESPONSES	
I do not know.	55.81%	24
No other studies, we use FEMA maps, studies or Base Level Engineering (no need to upload these)	25.58%	11
Flood Protection Plan(s)	0.00%	0
Local Flood Study(ies)	16.28%	7
Master Drainage Plan(s)/Stormwater Drainage Plan(s)	11.63%	5
Watershed Plan(s)/Study(ies)	4.65%	2
LOMRS not yet approved by FEMA	2.33%	1
Models, including hydrology, hydraulics and or any available screening level models (H&H models) that you consider to be the best available data for your jurisdiction.	18.60%	8
Other (please specify)	2.33%	1
Total Respondents: 43		

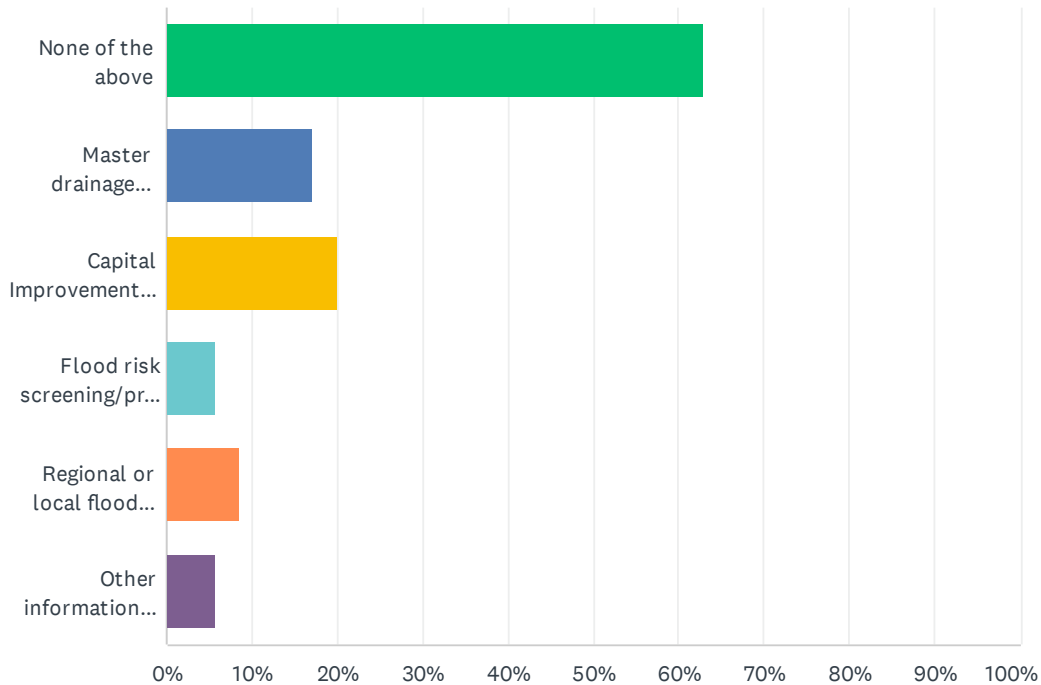


Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

#	OTHER (PLEASE SPECIFY)	DATE
1	ISD has had surveying and considered flood zones for new construction.	10/4/2021 9:45 AM

Q58 Which of the following planning documents or information does your jurisdiction have that identify flood risk reduction activities (these may include evaluations, strategies, and/or projects) for consideration by the regional flood planning group? Select all that apply.

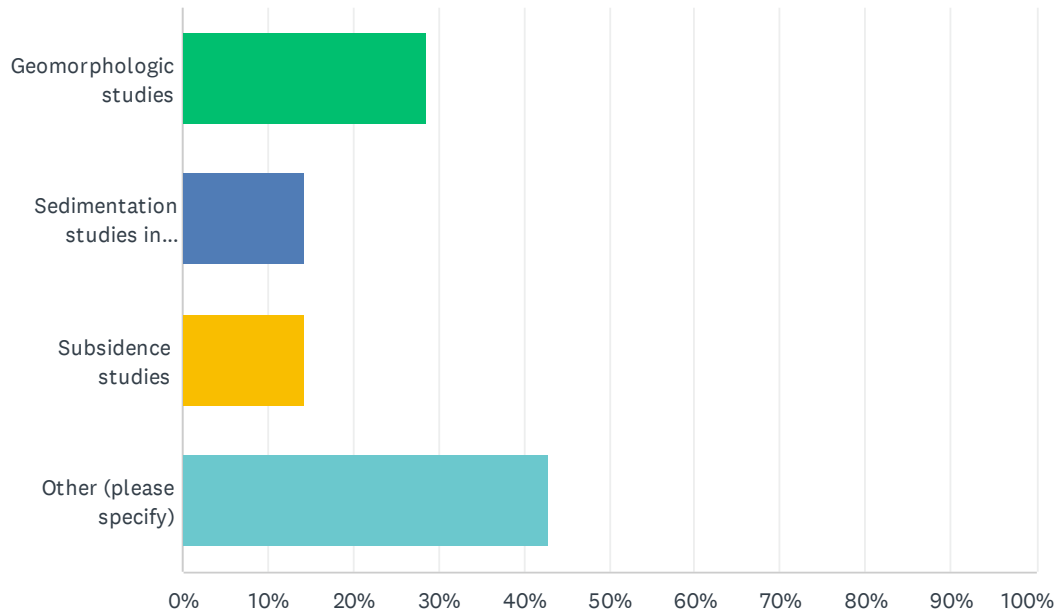
Answered: 35 Skipped: 86



ANSWER CHOICES	RESPONSES
None of the above	62.86% 22
Master drainage plan(s)	17.14% 6
Capital Improvement Projects to reduce flood risk	20.00% 7
Flood risk screening/prioritization tools	5.71% 2
Regional or local flood risk reduction studies	8.57% 3
Other information relevant to the RFPG	5.71% 2
Total Respondents: 35	

### Q59 Which of the following flood planning documents or information does your jurisdiction have that you would like to provide to the regional flood planning group? Select all that apply?

Answered: 7 Skipped: 114

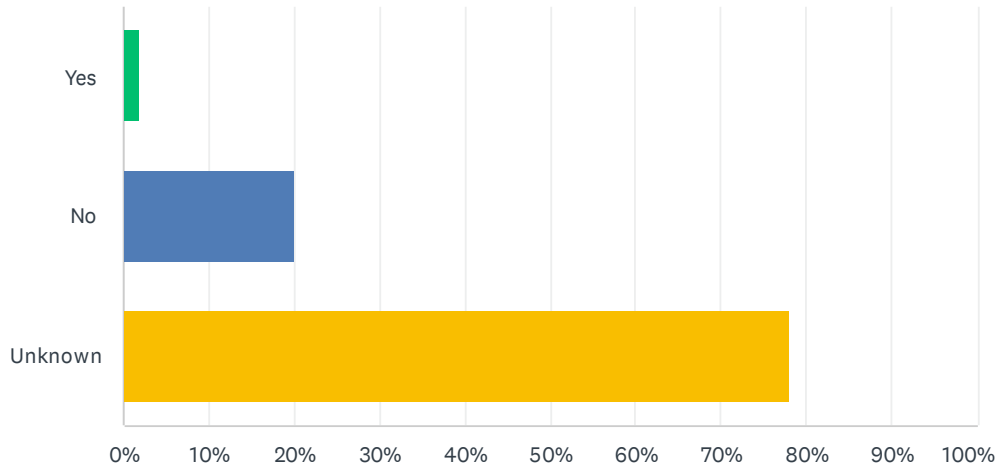


ANSWER CHOICES	RESPONSES
Geomorphologic studies	28.57% 2
Sedimentation studies in flood control structures	14.29% 1
Subsidence studies	14.29% 1
Other (please specify)	42.86% 3
Total Respondents: 7	

#	OTHER (PLEASE SPECIFY)	DATE
1	TBD	10/14/2021 10:17 AM
2	Geotechnical testing reports along with drainage plans available.	10/4/2021 9:45 AM
3	2020 Stormwater Master Plan	8/17/2021 1:38 PM

## Q60 Do any flood studies in your community include a future impervious cover analysis?

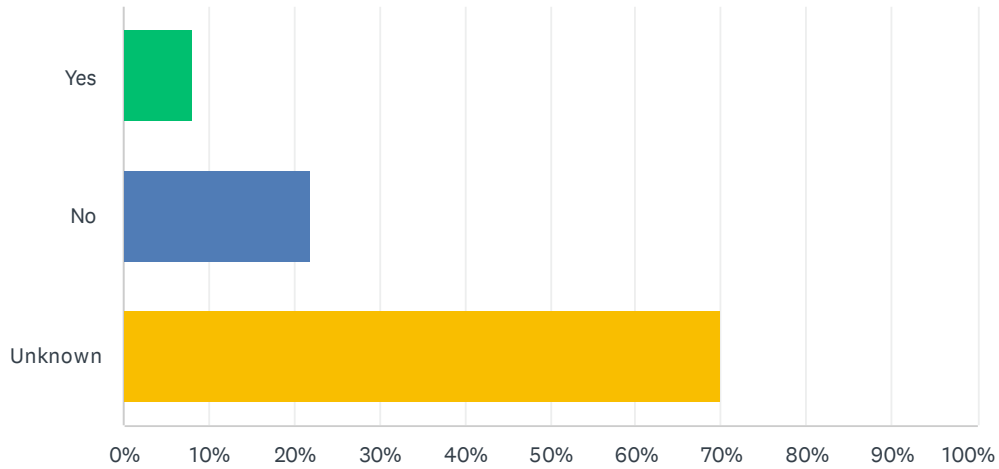
Answered: 50 Skipped: 71



ANSWER CHOICES	RESPONSES
Yes	2.00% 1
No	20.00% 10
Unknown	78.00% 39
TOTAL	50

## Q61 Do any flood studies in your community include a future precipitation analysis?

Answered: 50 Skipped: 71



ANSWER CHOICES	RESPONSES
Yes	8.00% 4
No	22.00% 11
Unknown	70.00% 35
TOTAL	50

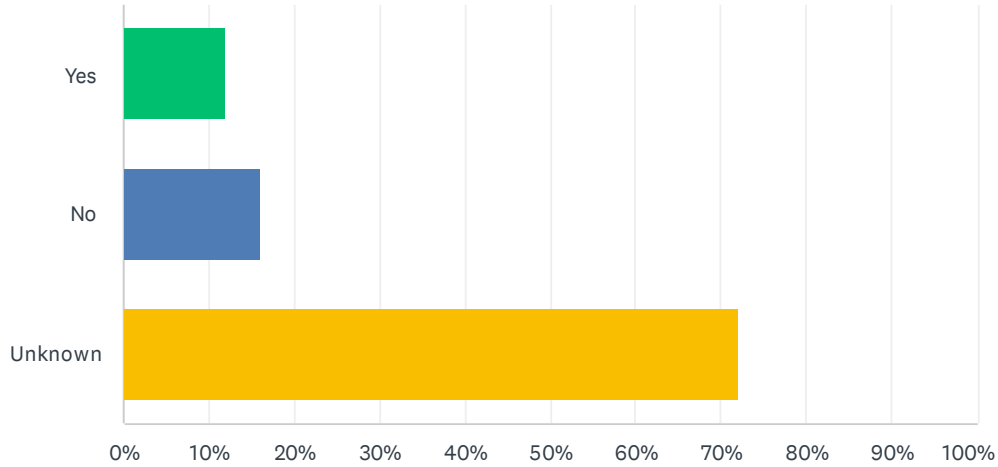
Q62 If your jurisdiction is willing to share the best available flood risk or flood mitigation studies that you would like considered for inclusion in the plan, please provide contact information including a phone number or email address for us to reach out for this information.

Answered: 5 Skipped: 116

#	RESPONSES	DATE
1	None	10/15/2021 10:34 AM
2	[REDACTED]	10/14/2021 10:17 AM
3	Sutton County Water District	10/9/2021 2:00 PM
4	[REDACTED]	10/5/2021 9:46 PM
5	Greg Velasquez [REDACTED]	9/16/2021 9:38 AM

### Q63 Do any flood studies in your community identify opportunities for further flood evaluations (FMEs), strategies (FMSs), or projects (FMPs)?

Answered: 50 Skipped: 71



ANSWER CHOICES	RESPONSES	
Yes	12.00%	6
No	16.00%	8
Unknown	72.00%	36
<b>TOTAL</b>		<b>50</b>

**Q64 If you have any other comments or notes to add related to the flood studies provided or other flood studies, please note them below:**

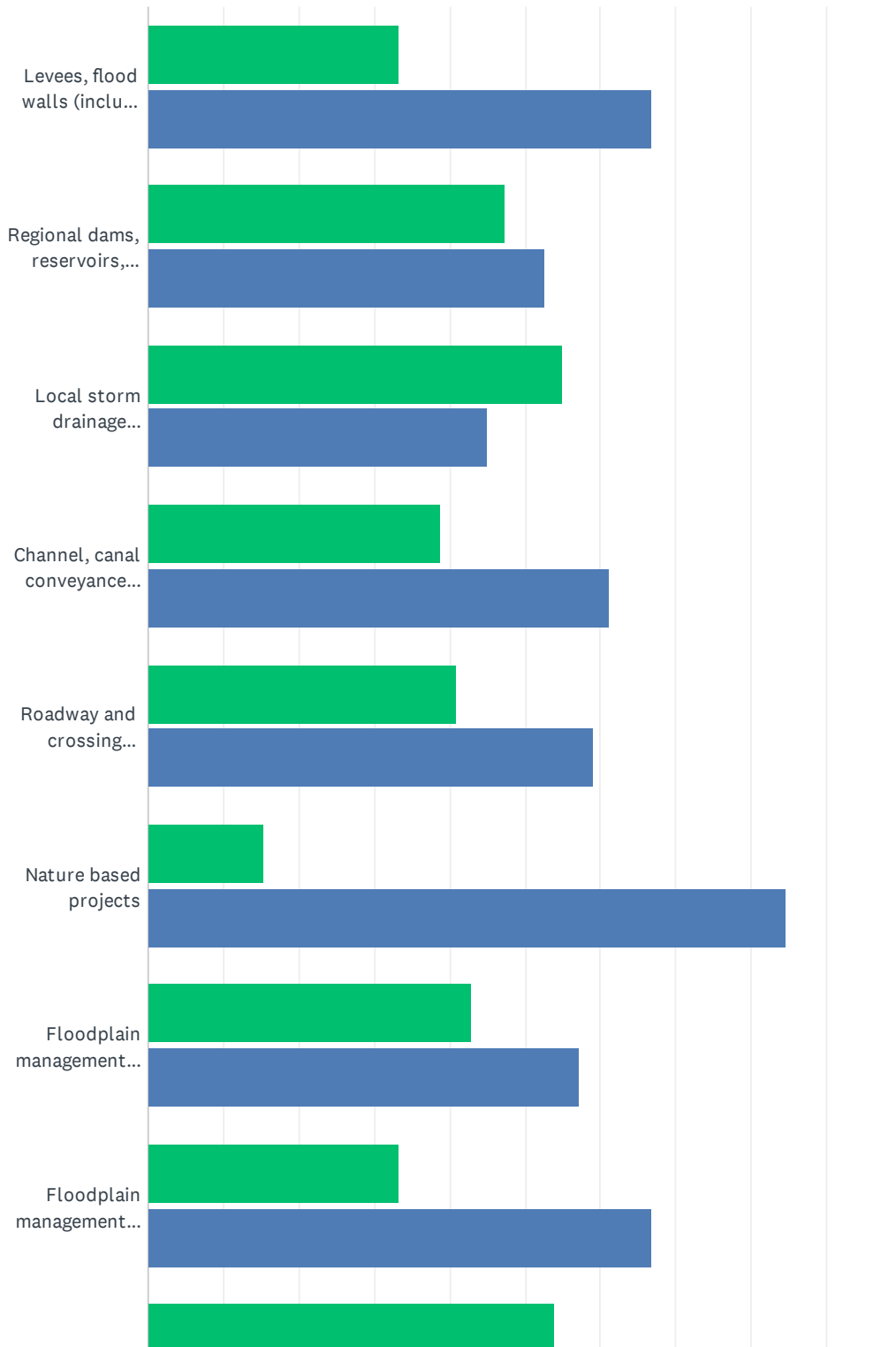
Answered: 7 Skipped: 114

#	RESPONSES	DATE
1	None	10/15/2021 10:34 AM
2	UTEP is already working with EPWU to address the flood concern that the campus has related to Flow Path 23	10/14/2021 10:17 AM
3	Have never seen a flood map for this county, Have been told it never has been done.	10/14/2021 9:52 AM
4	A community lack of storm water drainage creates major flooding. The impact is quite disasterous as most roads are unpaved resulting in families being unable to drive to school.	10/4/2021 9:45 AM
5	Johny R Sheets Commissioner PCT 3 915 2509925	10/2/2021 2:20 PM
6	El Paso County Public Works Strategic Plan includes updating flood evaluations.	9/29/2021 11:42 AM
7	2020 Stormwater Master Plan	8/17/2021 1:38 PM

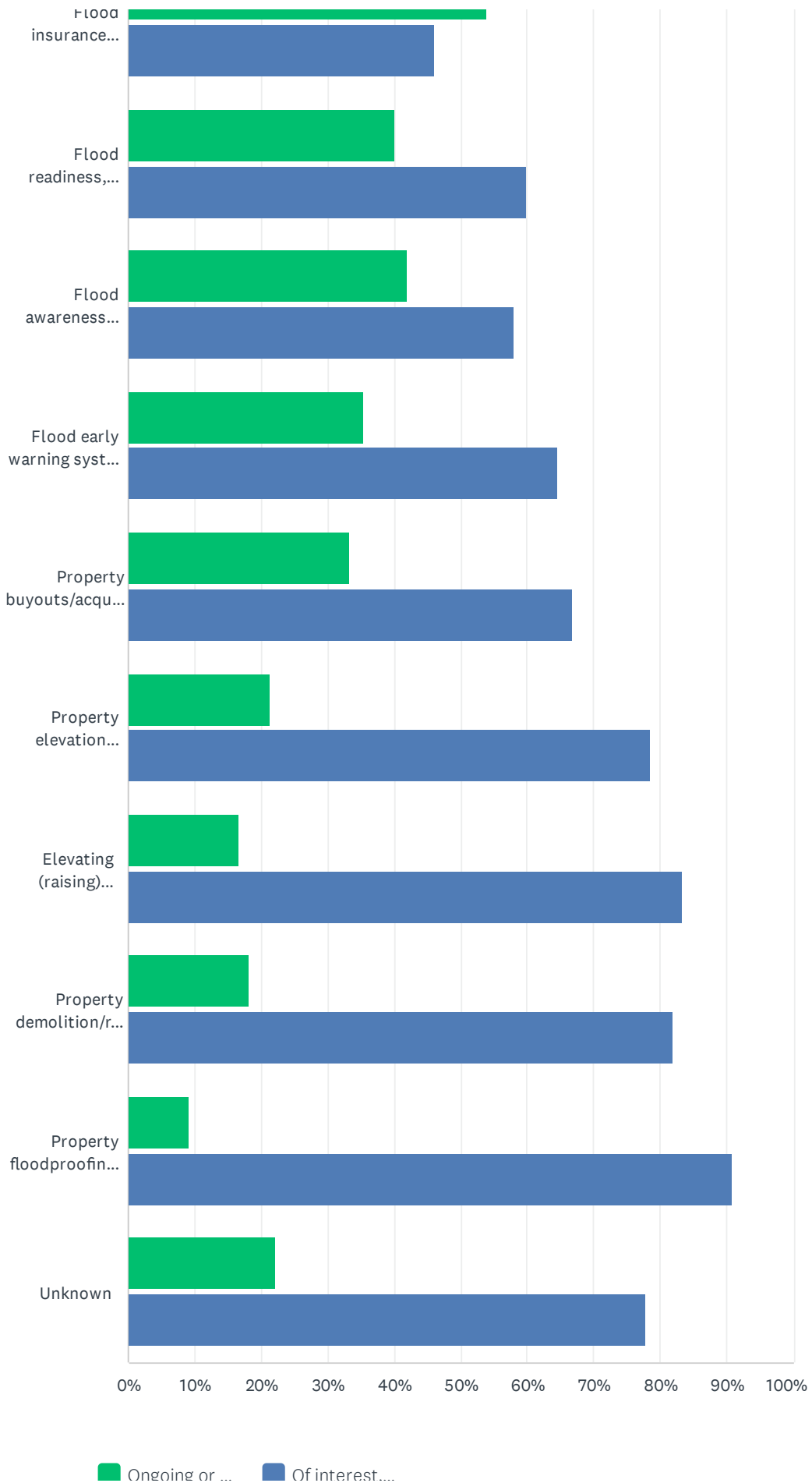


Q65 What, if any, flood management strategies or flood mitigation projects are currently ongoing or proposed or are not currently utilized or proposed for your community but would potentially be of interest for further evaluation? Select all that apply.

Answered: 37 Skipped: 84



# Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)



Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

ONGOING OR PROPOSED OF INTEREST, BUT NOT ONGOING OR PROPOSED

	ONGOING OR PROPOSED	OF INTEREST, BUT NOT ONGOING OR PROPOSED	TOTAL
Levees, flood walls (include levee certification)	33.33% 5	66.67% 10	15
Regional dams, reservoirs, detention, retention basins	47.37% 9	52.63% 10	19
Local storm drainage systems, tunnels	55.00% 11	45.00% 9	20
Channel, canal conveyance improvements	38.89% 7	61.11% 11	18
Roadway and crossing improvements, bridges, culverts	40.91% 9	59.09% 13	22
Nature based projects	15.38% 2	84.62% 11	13
Floodplain management ordinances	42.86% 6	57.14% 8	14
Floodplain management orders	33.33% 4	66.67% 8	12
Flood insurance (participation in the NFIP)	53.85% 7	46.15% 6	13
Flood readiness, resilience	40.00% 6	60.00% 9	15
Flood awareness outreach and/or education	42.11% 8	57.89% 11	19
Flood early warning system, stream/rain gauge	35.29% 6	64.71% 11	17
Property buyouts/acquisition and/or relocations	33.33% 4	66.67% 8	12
Property elevation surveys	21.43% 3	78.57% 11	14
Elevating (raising) existing properties	16.67% 2	83.33% 10	12
Property demolition/reconstruction	18.18% 2	81.82% 9	11
Property floodproofing and/or flood retrofits	9.09% 1	90.91% 10	11
Unknown	22.22% 2	77.78% 7	9

#	OTHER (PLEASE SPECIFY)	DATE
1	Unknown	10/15/2021 10:34 AM
2	TDOT drainage in urban area is not sufficient to avoid property damage along Dry Devils River.	10/9/2021 2:00 PM

**Q66** If your community has any specific experience or interest utilizing stormwater capture and reuse (e.g., surface reservoirs) or aquifer recharge strategies for flood mitigation, please provide more information.

Answered: 4 Skipped: 117

#	RESPONSES	DATE
1	None at this time	10/15/2021 10:34 AM
2	Land improvement project completed in 2014/15 included retention features including a pond	10/14/2021 10:17 AM
3	Unknown however a way to capture stormwater would be extremely valuable due to extreme water shortages.	10/4/2021 9:45 AM
4	N/A	8/17/2021 1:38 PM

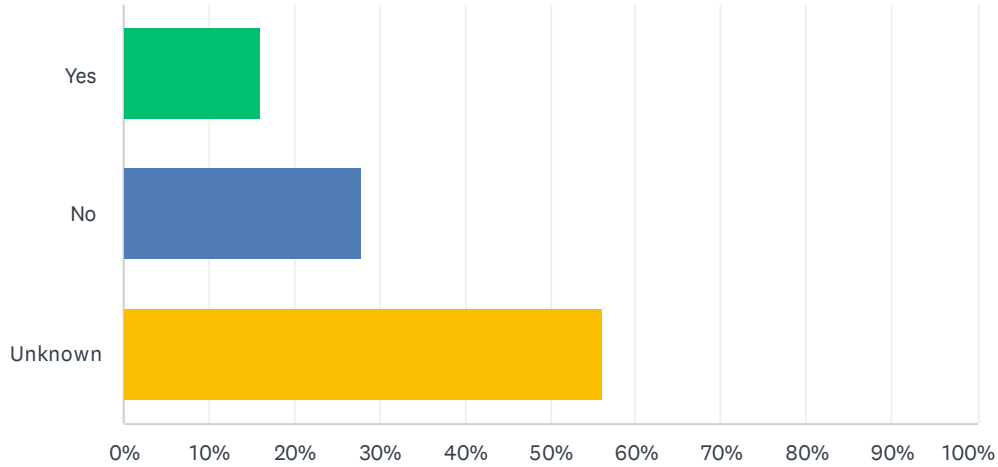
**Q67 If your community maintains or has access to any flood early warning system, please provide more information (description, website, lead contact information for more details).**

Answered: 7 Skipped: 114

#	RESPONSES	DATE
1	we have a public alert system	11/5/2021 10:21 AM
2	None	10/15/2021 10:34 AM
3	Alarms and texting information/internet.	10/9/2021 2:00 PM
4	Not aware of early warning systems.	10/4/2021 9:45 AM
5	Nixle Alert system	9/30/2021 1:50 PM
6	Flood early warning system may be provided on City website and City Facebook page.	9/20/2021 11:59 AM
7	N/A	8/17/2021 1:38 PM

### Q68 Are any of the ongoing or proposed infrastructure or flood mitigation projects at or above a level of 30% of design?

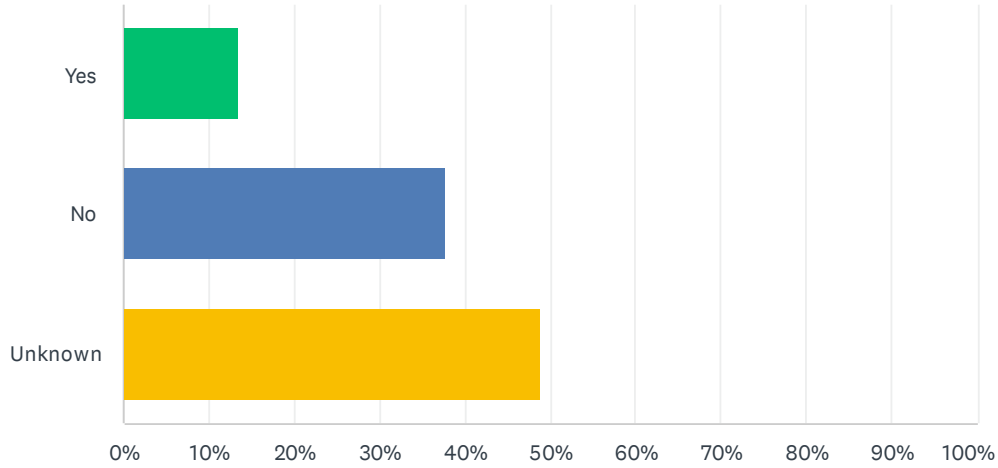
Answered: 50 Skipped: 71



ANSWER CHOICES	RESPONSES	
Yes	16.00%	8
No	28.00%	14
Unknown	56.00%	28
<b>TOTAL</b>		<b>50</b>

### Q69 Are any of the ongoing or proposed infrastructure or flood mitigation projects ready for construction or under construction (with or without funding)?

Answered: 45 Skipped: 76



ANSWER CHOICES	RESPONSES	
Yes	13.33%	6
No	37.78%	17
Unknown	48.89%	22
<b>TOTAL</b>		<b>45</b>

Note: Q70 responses have been partially redacted to omit phone numbers and email addresses for privacy

Q70 If you answered yes on the previous question, please provide contact information for more information.

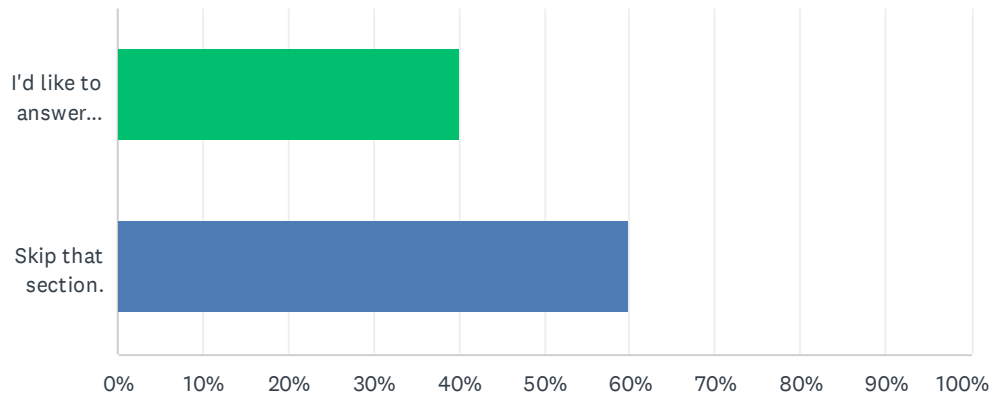
Answered: 1 Skipped: 120

#	RESPONSES	DATE
1	Fernando Hernandez [REDACTED]	8/17/2021 1:38 PM



**Q71** Earlier in this survey, you indicated your profession includes responsibility directly or indirectly related to flood management. Please indicate if you would like to answer a series of non-technical questions about your experience as a member of the community. If not, you can skip this section.

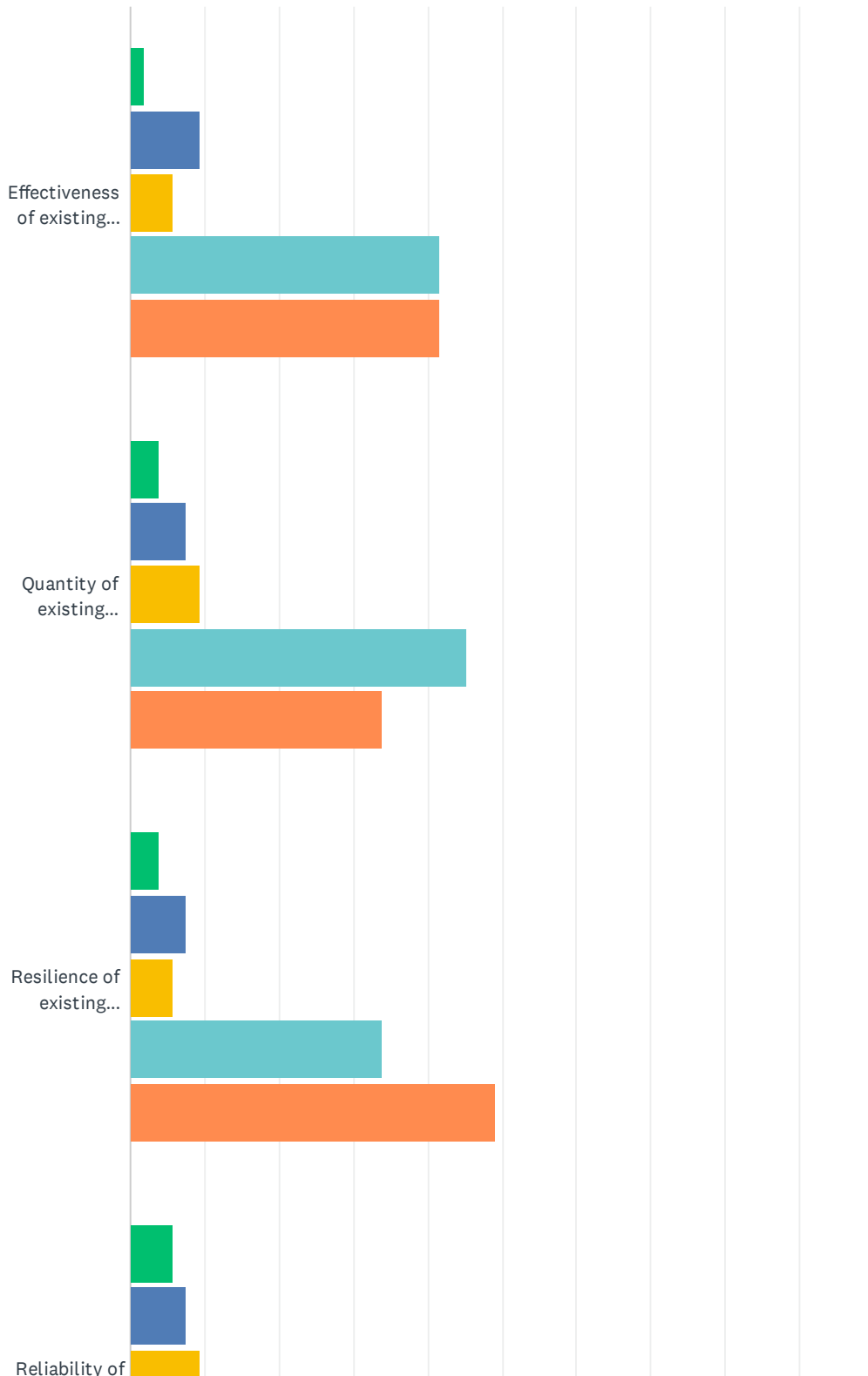
Answered: 50 Skipped: 71



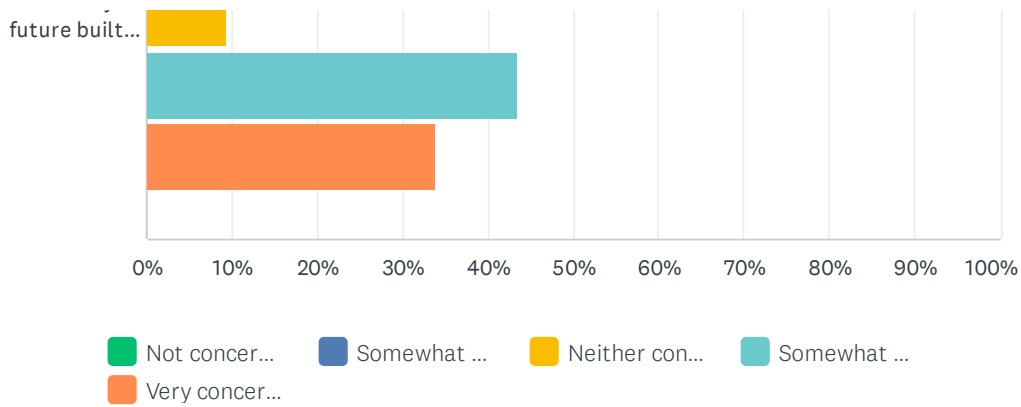
ANSWER CHOICES	RESPONSES	
I'd like to answer non-technical community questions	40.00%	20
Skip that section.	60.00%	30
TOTAL		50

# Q72 Considering flooding within the counties in which you live, work or travel, how concerned are you about the following aspects of flood control infrastructure?

Answered: 53 Skipped: 68



## Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

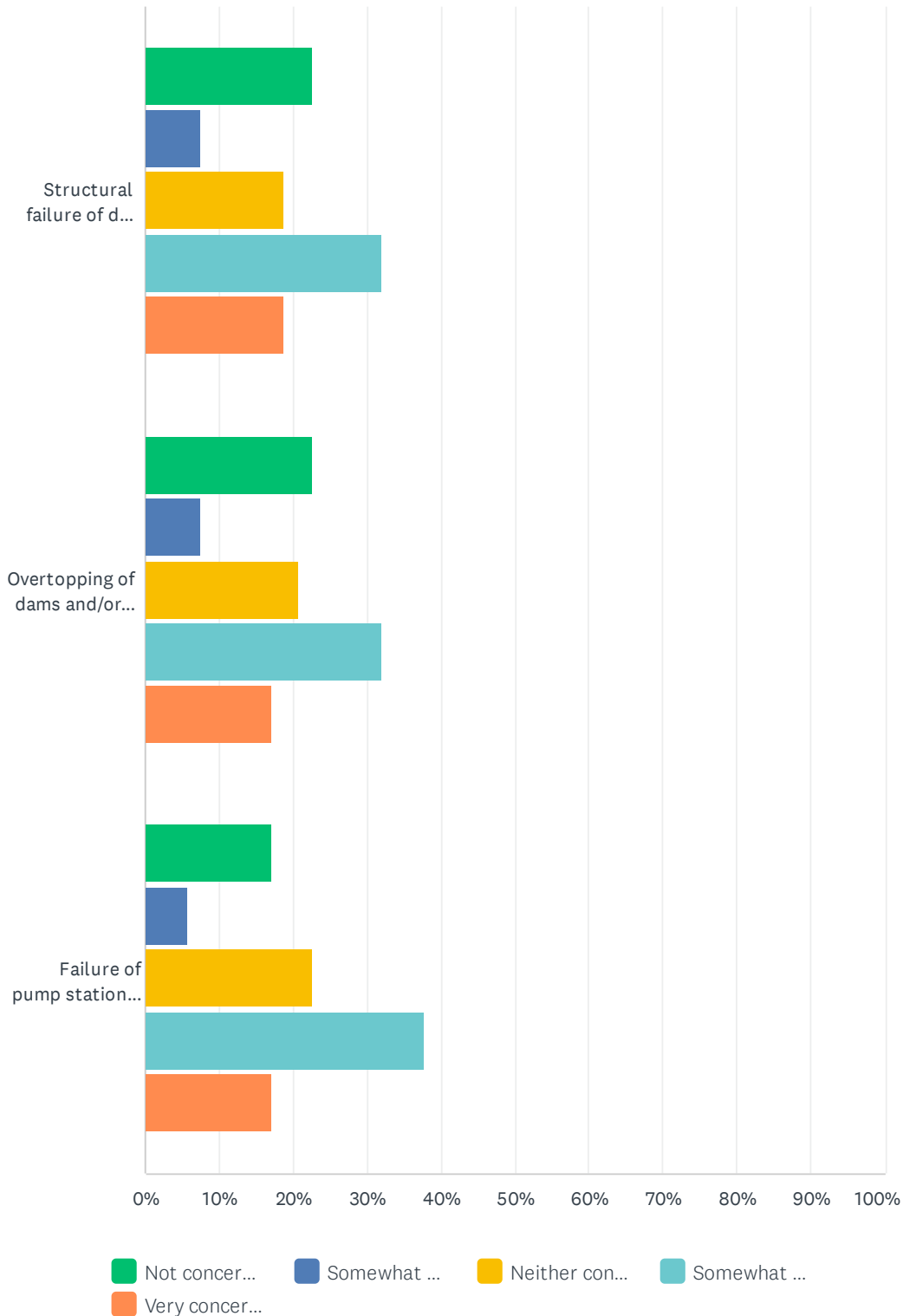


	NOT CONCERNED	SOMEWHAT UNCONCERNED	NEITHER CONCERNED NOR UNCONCERNED	SOMEWHAT CONCERNED	VERY CONCERNED	TOTAL	WEIGHTED AVERAGE
Effectiveness of existing infrastructure	1.89% 1	9.43% 5	5.66% 3	41.51% 22	41.51% 22	53	4.11
Quantity of existing infrastructure	3.77% 2	7.55% 4	9.43% 5	45.28% 24	33.96% 18	53	3.98
Resilience of existing infrastructure during high intensity storms	3.77% 2	7.55% 4	5.66% 3	33.96% 18	49.06% 26	53	4.17
Reliability of future built infrastructure	5.66% 3	7.55% 4	9.43% 5	43.40% 23	33.96% 18	53	3.92

#	OTHER (PLEASE SPECIFY)	DATE
1	There is no infrastructure.	10/9/2021 4:31 PM
2	Lack of local expertise in rural / small communities that limit them from addressing flood concerns	10/4/2021 10:33 AM
3	System maintenance is as critical as the projects or maybe more important	10/1/2021 2:39 PM
4	We need to pay more attention to the natural flow of water down the mountain. It has been hampered by inadequate construction and poor planning.	9/17/2021 12:36 AM

### Q73 Considering riverine flooding (i.e. flooding from the Rio Grande or Pecos River caused by upstream precipitation or snowmelt), how concerned are you about each of the potential scenarios?

Answered: 53 Skipped: 68



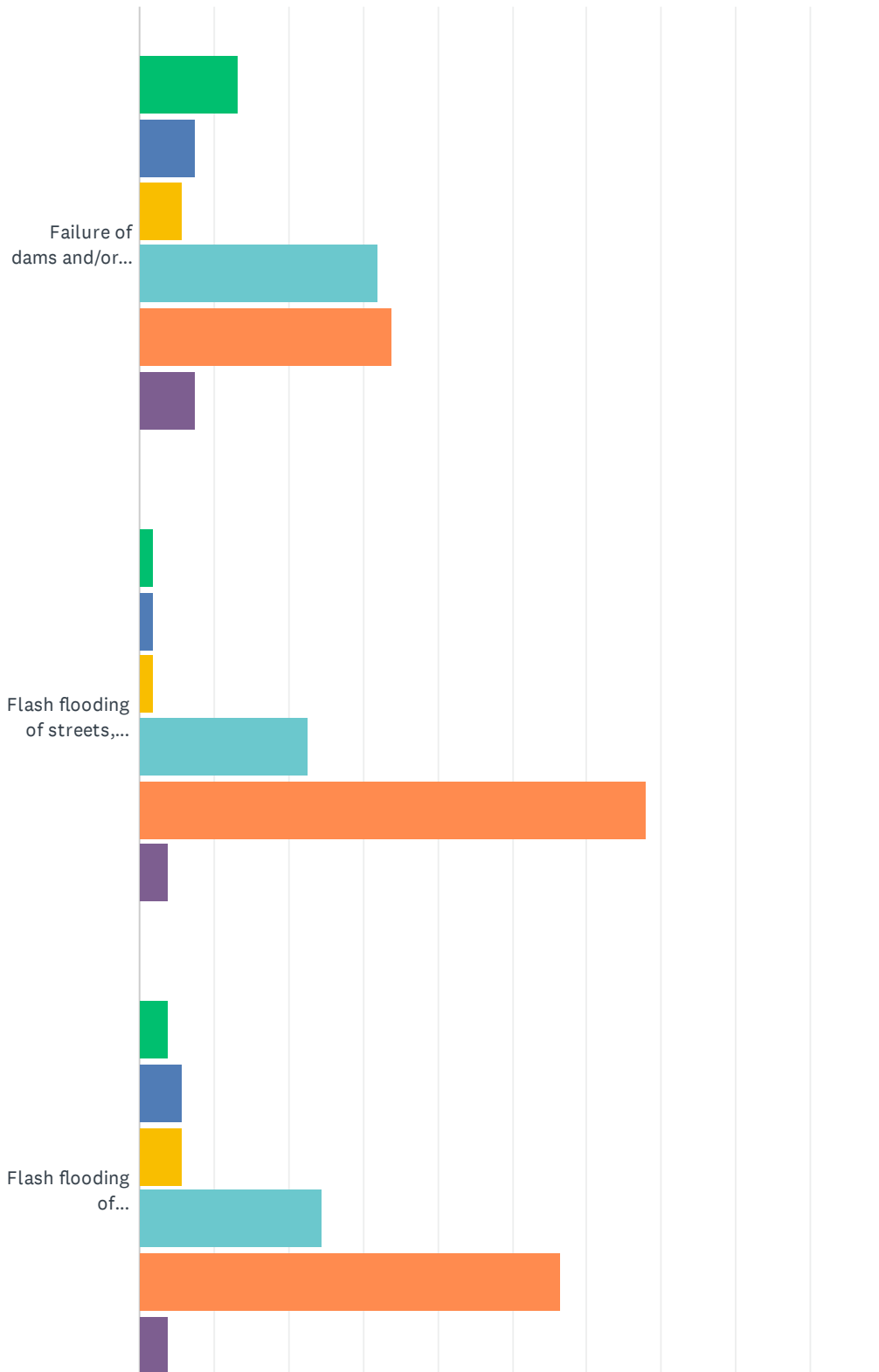
Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

	NOT CONCERNED	SOMEWHAT UNCONCERNED	NEITHER CONCERNED NOR UNCONCERNED	SOMEWHAT CONCERNED	VERY CONCERNED	TOTAL	WEIGHTED AVERAGE
Structural failure of dams and/or levees.	22.64% 12	7.55% 4	18.87% 10	32.08% 17	18.87% 10	53	3.17
Overtopping of dams and/or levees.	22.64% 12	7.55% 4	20.75% 11	32.08% 17	16.98% 9	53	3.13
Failure of pump stations, floodgates or other infrastructure intended to be resilient against extreme flooding and power outages.	16.98% 9	5.66% 3	22.64% 12	37.74% 20	16.98% 9	53	3.32

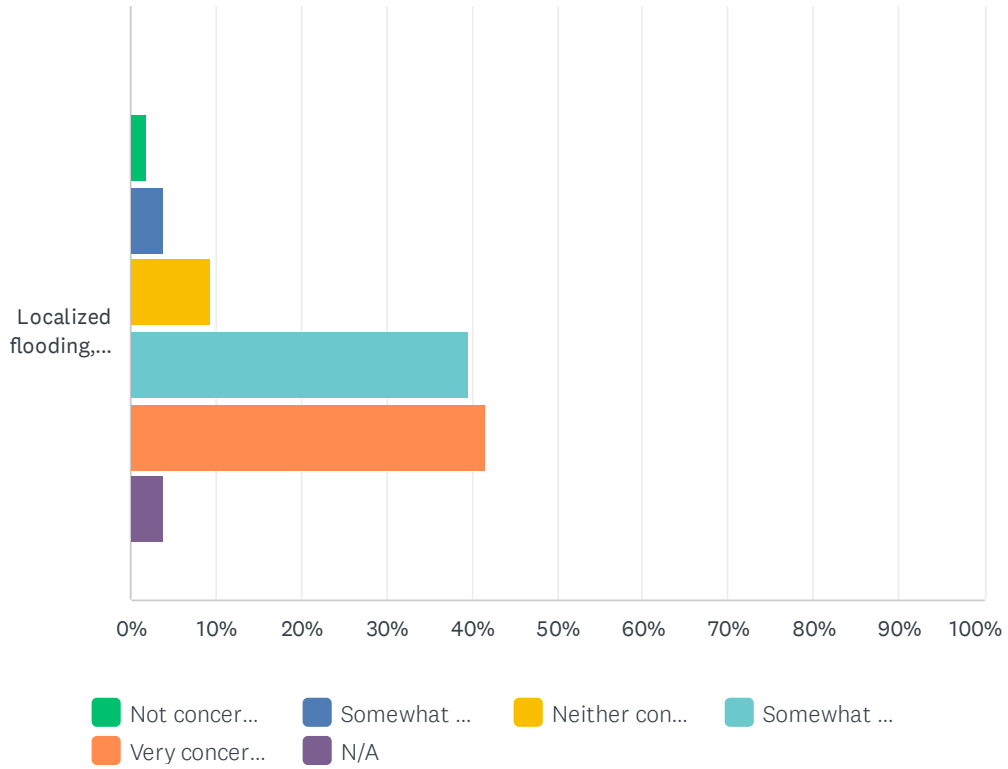
#	OTHER (PLEASE SPECIFY)	DATE
1	structural failure of rural bridges	10/4/2021 12:57 PM
2	Flooding in low-lying areas, difficult to drain (esp. low income areas). Farm dam in NM flooded/broke (upstream) during this last Aug 2021 rainfall, news is saying it may be 10yr repair. May be similar concerns locally	8/24/2021 2:49 PM

### Q74 Considering localized flooding (i.e. from local storms/precipitation events only), how concerned are you about each of the potential scenarios?

Answered: 53 Skipped: 68



Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)



Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

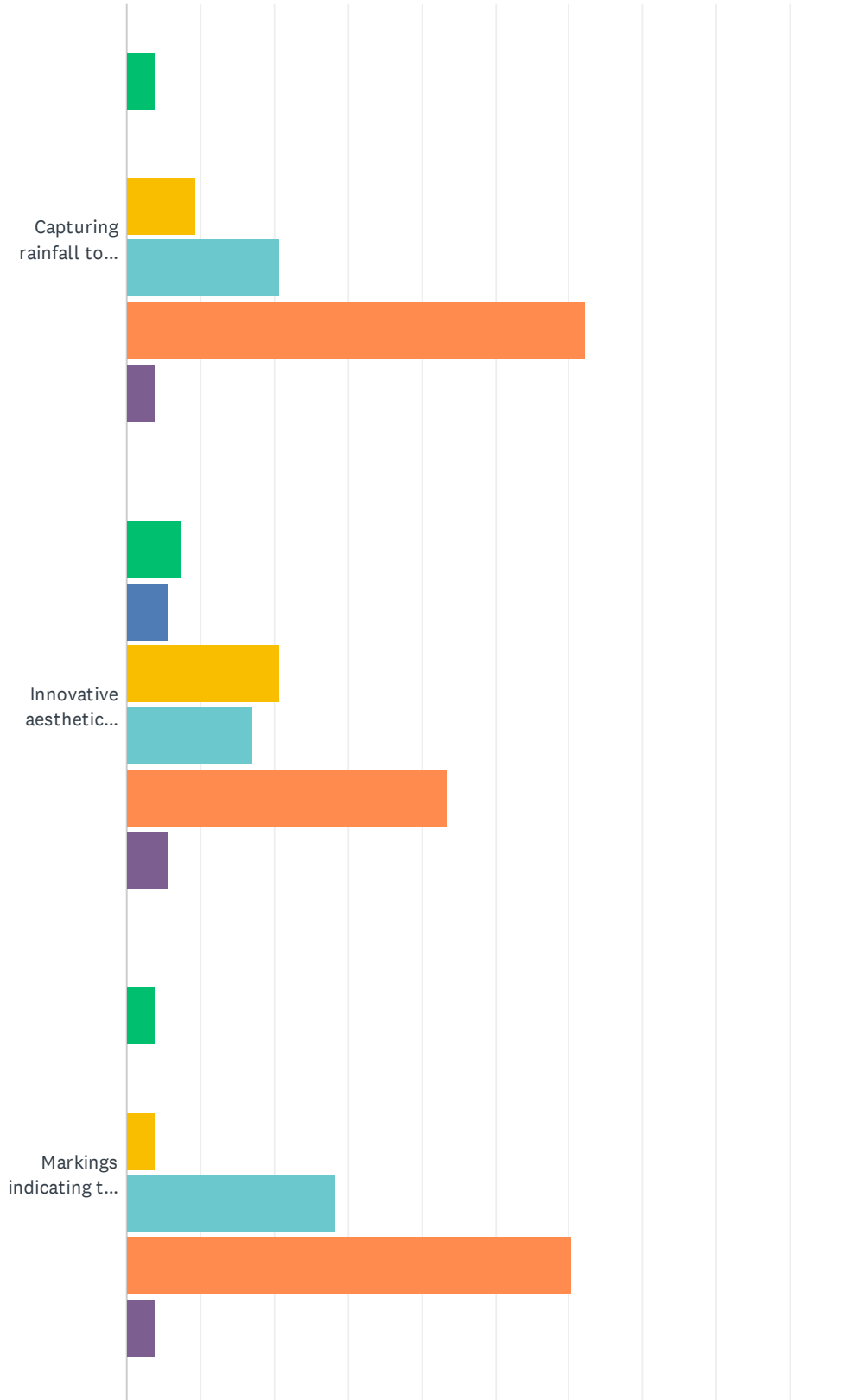
	NOT CONCERNED	SOMEWHAT UNCONCERNED	NEITHER CONCERNED NOR UNCONCERNED	SOMEWHAT CONCERNED	VERY CONCERNED	N/A	TOTAL	WEI AVE
Failure of dams and/or levees during extreme events.	13.21% 7	7.55% 4	5.66% 3	32.08% 17	33.96% 18	7.55% 4	53	
Flash flooding of streets, roads and highways which blocks routes for emergency vehicles, motorists, pedestrians and cyclists.	1.89% 1	1.89% 1	1.89% 1	22.64% 12	67.92% 36	3.77% 2	53	
Flash flooding of neighborhoods, commercial districts, agricultural spaces and industrial facilities.	3.77% 2	5.66% 3	5.66% 3	24.53% 13	56.60% 30	3.77% 2	53	
Localized flooding, ponding or standing water after a rain event.	1.89% 1	3.77% 2	9.43% 5	39.62% 21	41.51% 22	3.77% 2	53	

#	OTHER (PLEASE SPECIFY)	DATE
1	Ponding of water causing mosquitoes	10/7/2021 4:59 PM
2	structural failure of rural bridges	10/4/2021 12:57 PM
3	Lack of capacity in Rio grande an levees due to silt build up and lack of maintenance	10/1/2021 2:45 PM
4	Concerned about levee certification	8/24/2021 2:49 PM

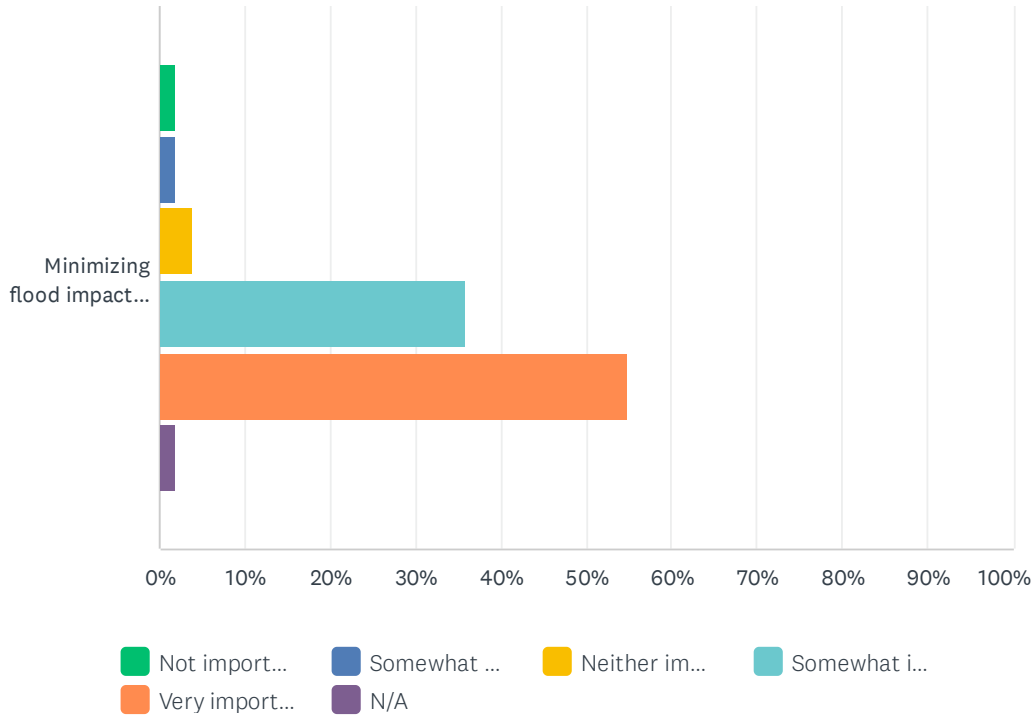


### Q75 Thinking about the functionality of flood control infrastructure, please rank how important each of the following is to you.

Answered: 53 Skipped: 68



Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)



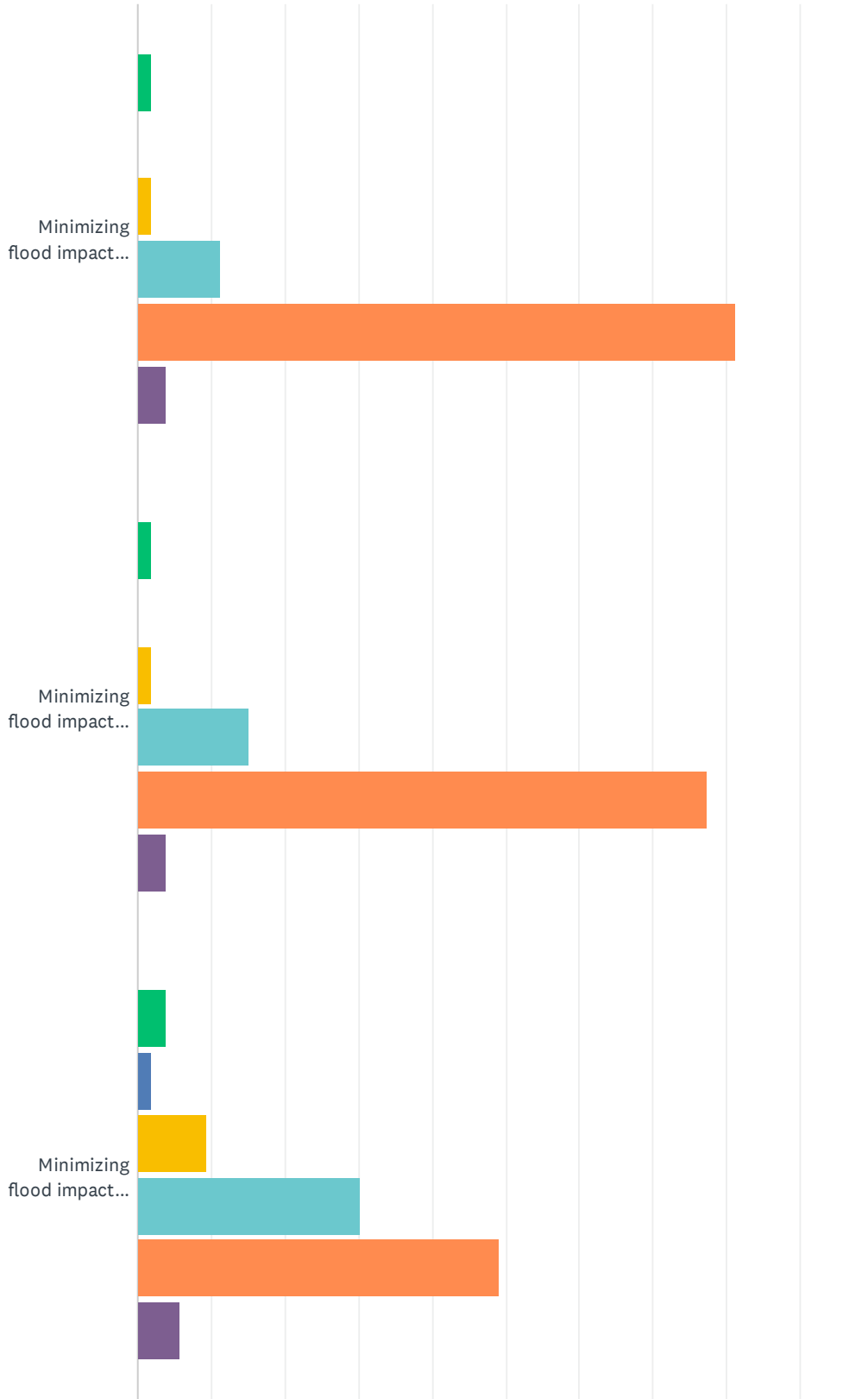
	NOT IMPORTANT	SOMEWHAT UNIMPORTANT	NEITHER IMPORTANT NOR UNIMPORTANT	SOMEWHAT IMPORTANT	VERY IMPORTANT	N/A	TOTAL	WEIGHTE AVERAGE
Capturing rainfall to recharge area aquifers.	3.77% 2	0.00% 0	9.43% 5	20.75% 11	62.26% 33	3.77% 2	53	4.4
Innovative aesthetic improvements and/or dual use designs like skate parks and/or park-ponds.	7.55% 4	5.66% 3	20.75% 11	16.98% 9	43.40% 23	5.66% 3	53	3.8
Markings indicating the location of low-water crossings and not to cross them while flooded.	3.77% 2	0.00% 0	3.77% 2	28.30% 15	60.38% 32	3.77% 2	53	4.4
Minimizing flood impacts to publicly-owned infrastructure such as highways, government buildings, and schools.	1.89% 1	1.89% 1	3.77% 2	35.85% 19	54.72% 29	1.89% 1	53	4.4

Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

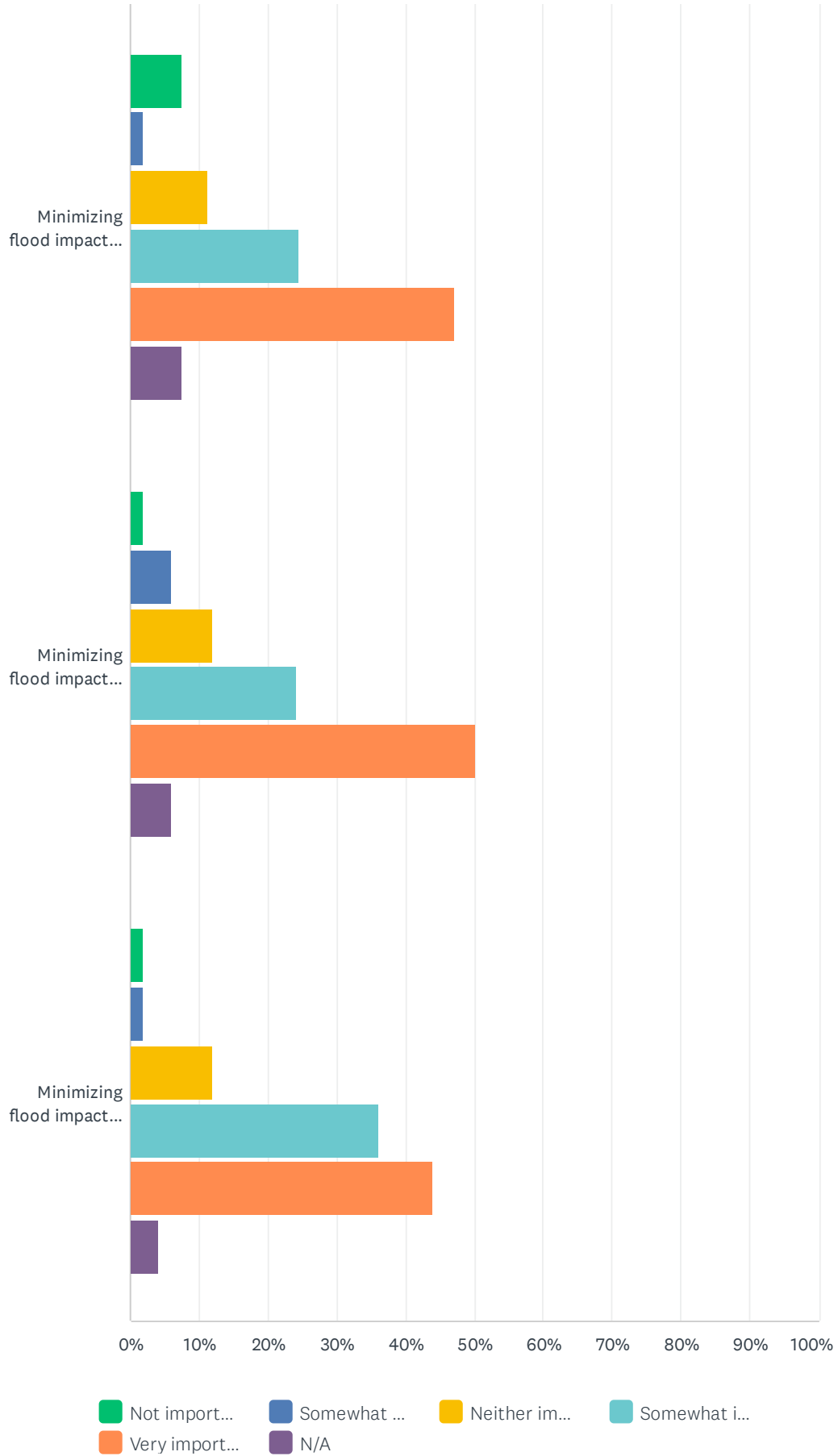
#	OTHER (PLEASE SPECIFY)	DATE
1	Low water crossing near home does not have depth gauge (only signs indicating LWC)	8/24/2021 2:49 PM

# Q76 How important should flood planning decision-makers view each of the following?

Answered: 53 Skipped: 68



Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)



Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

	NOT IMPORTANT	SOMEWHAT UNIMPORTANT	NEITHER IMPORTANT NOR UNIMPORTANT	SOMEWHAT IMPORTANT	VERY IMPORTANT	N/A	TOTAL	WEIGHTED AVERAGE
Minimizing flood impacts to residential areas.	1.89% 1	0.00% 0	1.89% 1	11.32% 6	81.13% 43	3.77% 2	53	4.76
Minimizing flood impacts to publicly-owned infrastructure such as highways, government buildings, and schools.	1.89% 1	0.00% 0	1.89% 1	15.09% 8	77.36% 41	3.77% 2	53	4.73
Minimizing flood impacts to farms, ranches, and other agricultural businesses.	3.77% 2	1.89% 1	9.43% 5	30.19% 16	49.06% 26	5.66% 3	53	4.26
Minimizing flood impacts to traditional energy services (e.g., solar, wind turbines).	7.55% 4	1.89% 1	11.32% 6	24.53% 13	47.17% 25	7.55% 4	53	4.10
Minimizing flood impacts to renewable energy services (e.g., oil, natural gas).	2.00% 1	6.00% 3	12.00% 6	24.00% 12	50.00% 25	6.00% 3	50	4.21
Minimizing flood impacts to other businesses (separate from agriculture or energy).	2.00% 1	2.00% 1	12.00% 6	36.00% 18	44.00% 22	4.00% 2	50	4.23

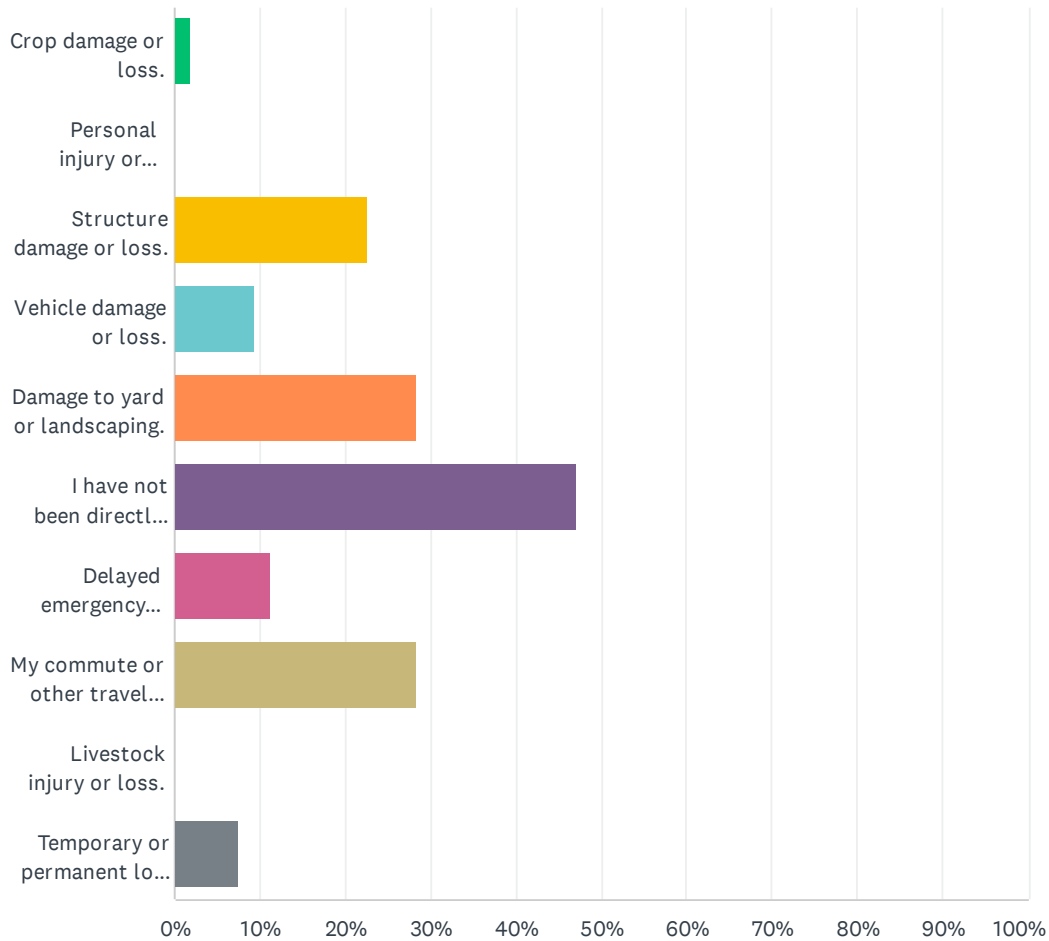
#	IF YOU WOULD LIKE TO PROVIDE ADDITIONAL INFORMATION PERTAINING TO THE TYPES OF FLOOD IMPACTS YOU HAVE EXPERIENCED, PLEASE PROVIDE IT BELOW.	DATE
1	renewable energy is known as solar and wind- not oil and natural gas.	2/17/2022 12:24 PM

## Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

2	Overflow of arroyo and reservoirs	10/11/2021 8:08 PM
3	In El Paso, the levees have been rebuilt and flooding has been somewhat controlled as nobody can do anything about a "freak rainstorm event. This has all been done yet flood maps have not been adjusted and our flood insurance continues to increase. Why?	10/11/2021 8:15 AM
4	Oil etc are not renewable energy	10/8/2021 12:08 AM
5	It appears that the "e.g." are reversed. Renewable vs. traditional. Midland does not have traditional storm drains.	10/7/2021 9:28 PM
6	Flood water damage to my house.	9/30/2021 1:58 PM

### Q77 What types of flood-related damage has your home sustained in the last five years (including structure and personal property damage)? Check all that apply.

Answered: 53 Skipped: 68



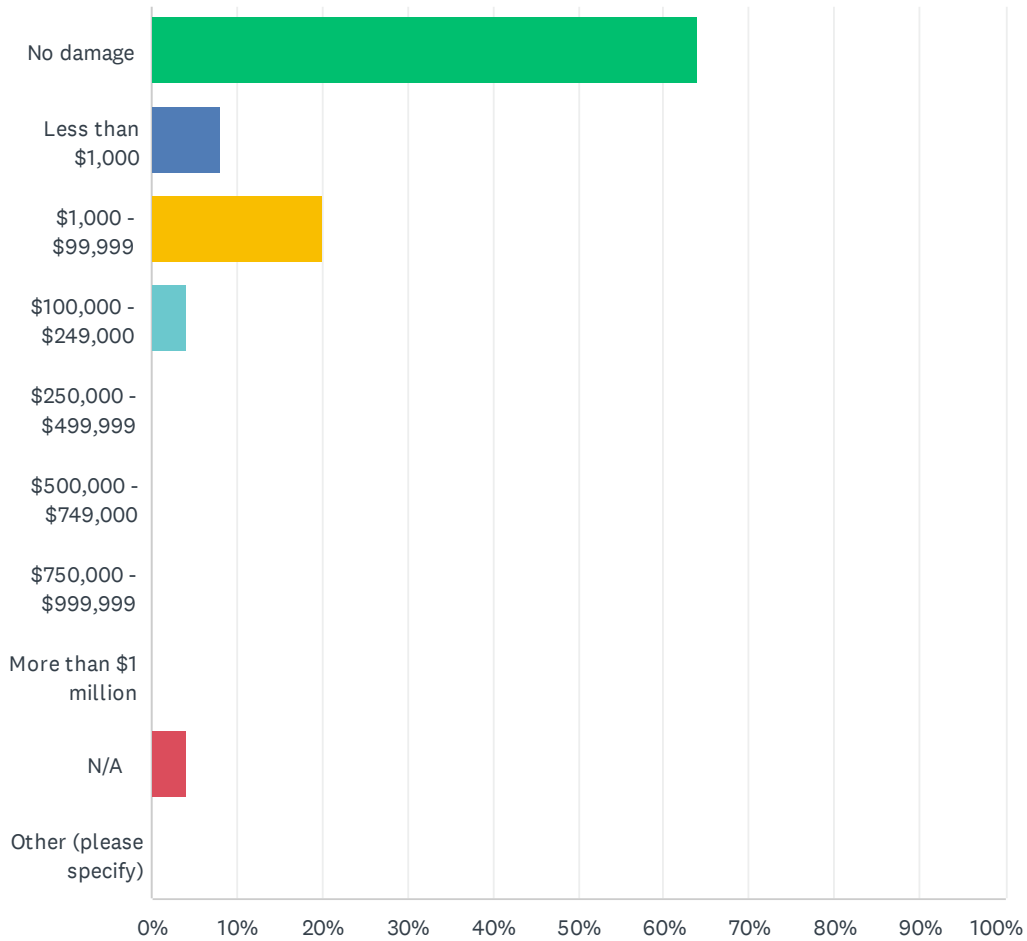


Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

ANSWER CHOICES	RESPONSES	
Crop damage or loss.	1.89%	1
Personal injury or fatality.	0.00%	0
Structure damage or loss.	22.64%	12
Vehicle damage or loss.	9.43%	5
Damage to yard or landscaping.	28.30%	15
I have not been directly impacted.	47.17%	25
Delayed emergency response.	11.32%	6
My commute or other travel has been delayed or obstructed.	28.30%	15
Livestock injury or loss.	0.00%	0
Temporary or permanent loss of business.	7.55%	4
Total Respondents: 53		

### Q78 How much flood-related damage has your home sustained in the last five years (including property damage and loss of function)?

Answered: 50 Skipped: 71



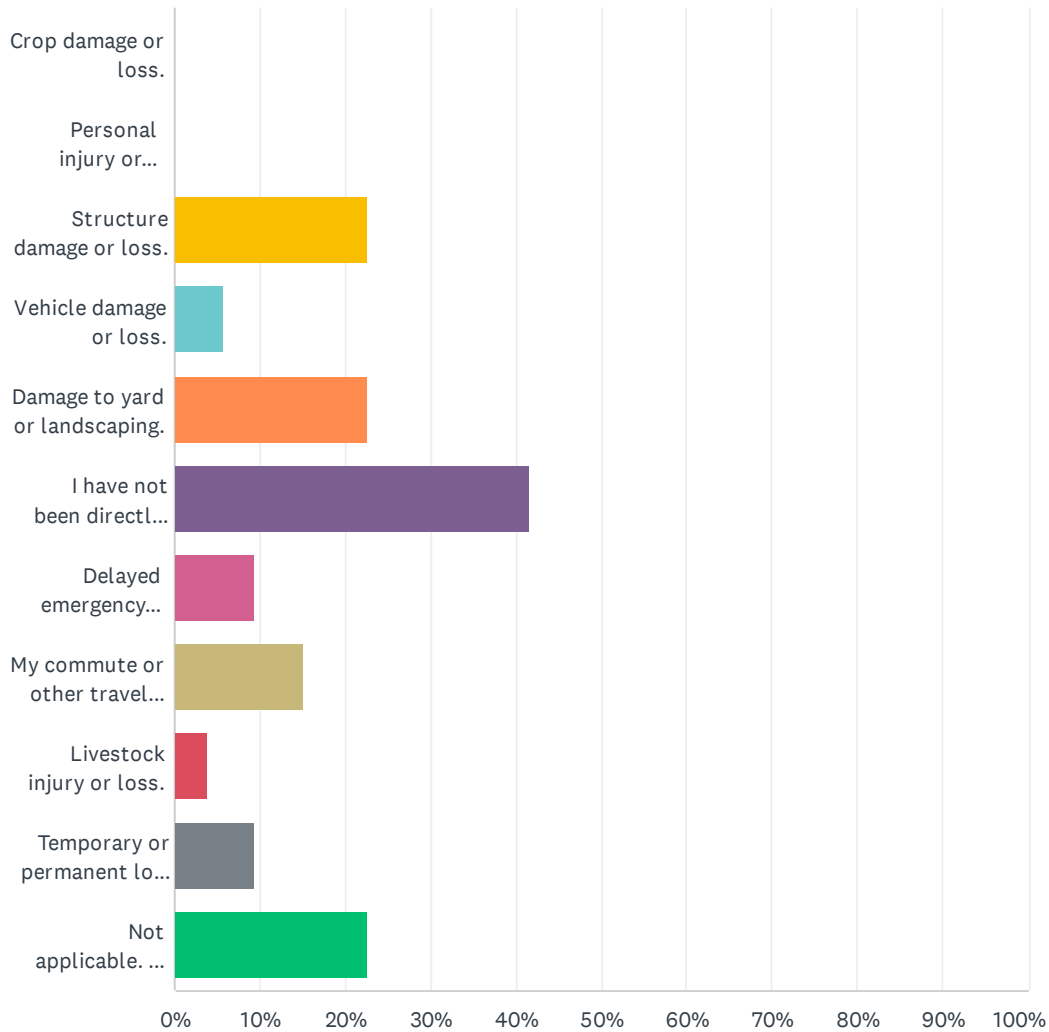
Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

ANSWER CHOICES	RESPONSES	
No damage	64.00%	32
Less than \$1,000	8.00%	4
\$1,000 - \$99,999	20.00%	10
\$100,000 - \$249,000	4.00%	2
\$250,000 - \$499,999	0.00%	0
\$500,000 - \$749,000	0.00%	0
\$750,000 - \$999,999	0.00%	0
More than \$1 million	0.00%	0
N/A	4.00%	2
Other (please specify)	0.00%	0
<b>TOTAL</b>		<b>50</b>

#	OTHER (PLEASE SPECIFY)	DATE
	There are no responses.	

### Q79 What types of flood-related damage has your business or organization sustained in the last five years (including property damage and loss of function)? Check all that apply.

Answered: 53 Skipped: 68

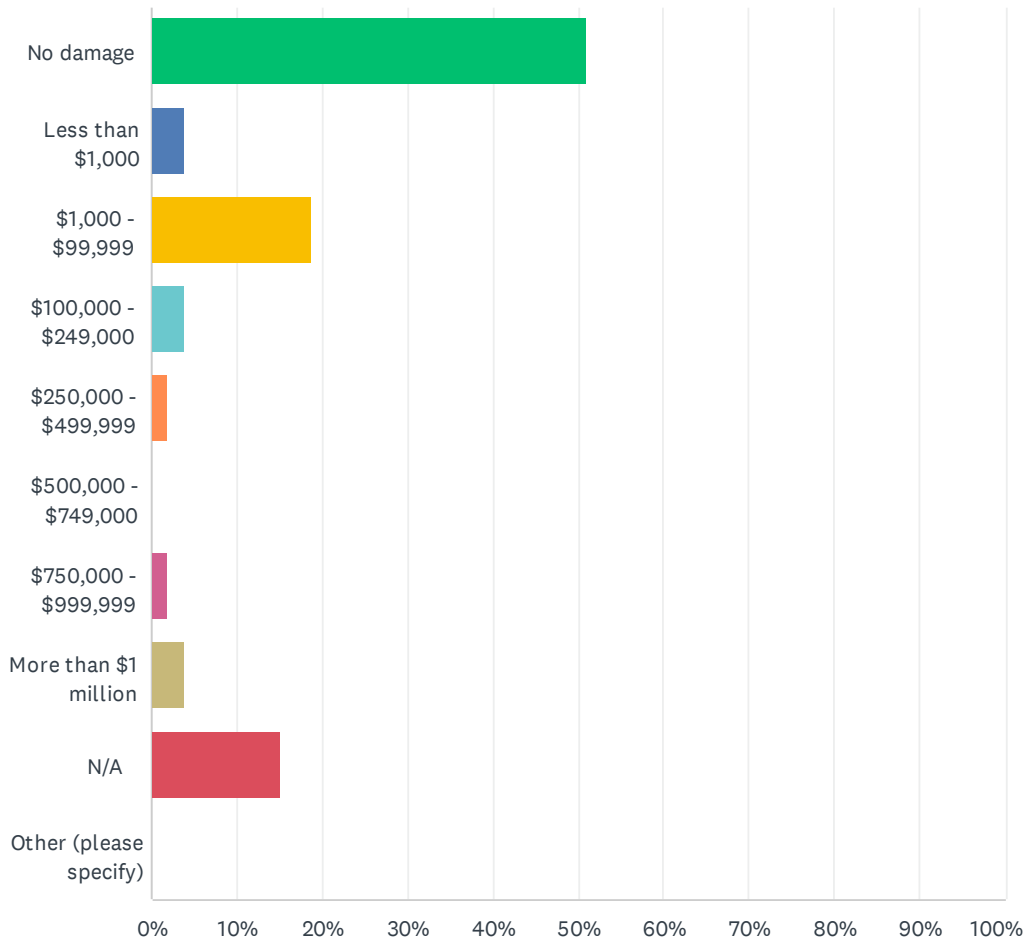


Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

ANSWER CHOICES	RESPONSES	
Crop damage or loss.	0.00%	0
Personal injury or fatality.	0.00%	0
Structure damage or loss.	22.64%	12
Vehicle damage or loss.	5.66%	3
Damage to yard or landscaping.	22.64%	12
I have not been directly impacted.	41.51%	22
Delayed emergency response.	9.43%	5
My commute or other travel has been delayed or obstructed.	15.09%	8
Livestock injury or loss.	3.77%	2
Temporary or permanent loss of business.	9.43%	5
Not applicable. (No business or organization)	22.64%	12
Total Respondents: 53		

### Q80 How much flood-related damage has your business or organization sustained in the last five years (including property damage and loss of function)?

Answered: 53 Skipped: 68



Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

ANSWER CHOICES	RESPONSES	
No damage	50.94%	27
Less than \$1,000	3.77%	2
\$1,000 - \$99,999	18.87%	10
\$100,000 - \$249,000	3.77%	2
\$250,000 - \$499,999	1.89%	1
\$500,000 - \$749,000	0.00%	0
\$750,000 - \$999,999	1.89%	1
More than \$1 million	3.77%	2
N/A	15.09%	8
Other (please specify)	0.00%	0
<b>TOTAL</b>		<b>53</b>

#	OTHER (PLEASE SPECIFY)	DATE
	There are no responses.	

**Q81 If you would like to provide additional information pertaining specifically to the damages your home, business, and/or organization have sustained, please provide it in the section below.**

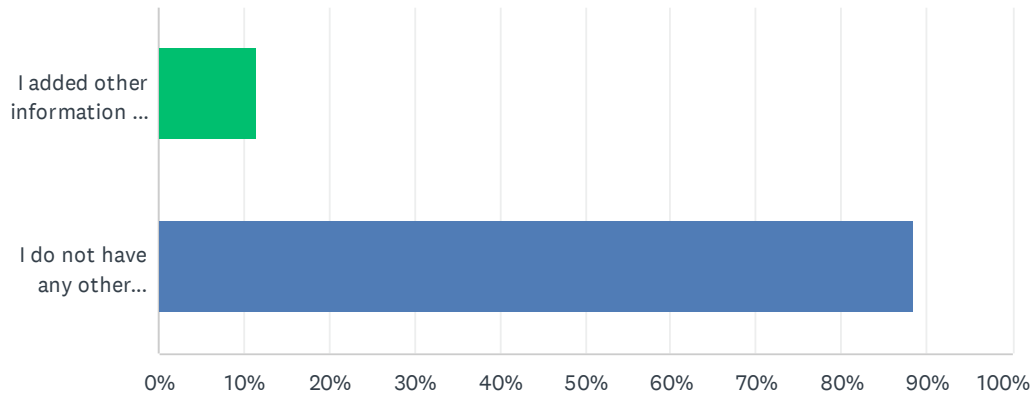
Answered: 12 Skipped: 109

#	RESPONSES	DATE
1	See statement and question above.	10/11/2021 8:15 AM
2	My house has not sustain damage because of the preservation of a natural arroyo. We need to work with nature not try to control it. Nature always wins.	10/8/2021 12:08 AM
3	The occasional deputy driving patrol cars into high water.	10/7/2021 9:28 PM
4	I have lived in my home for 38 years and have never had my property flood, even though I live just blocks from the Rio Grande River. Levees in the area are built well above the river. Streets may sometimes have ponding water, but it has never come on to my yard or near my home.	10/7/2021 4:59 PM
5	when flash floods stop fire department responses because volunteers can't get to the firehouse due to washed out community roads...	10/4/2021 12:57 PM
6	Flooding has damaged the school district facilities and caused damage that is high -dollar. Flooding events coincide with storms that also create structural damage and the need for a new roof.	10/4/2021 9:58 AM
7	PSB lack of involvement	10/1/2021 4:00 PM
8	We would need to assemble data if needed	10/1/2021 2:45 PM
9	Sheet flooding from paved areas at SRSU above our home.	9/30/2021 3:38 PM
10	My personal home took about 2 feet of water in it. House was declared a total loss.	9/30/2021 1:58 PM
11	I had to have my roof replaced last year due to damage and leaking into the home.	9/17/2021 12:41 AM
12	Answering Q12 as "personal impacts" Neighbors to the west added sandbags to keep property from being flooded. 6-8" deep water in the yard. House is elevated (mobile home), so no structure impacts. Housing area is in the recent FEMA floodplain map but unlikely to flood due to walls/fences.	8/24/2021 2:49 PM



**Q82 When you are done, please return to this survey and click the drop down menu below to indicate whether or not you have completed using the map tool.**

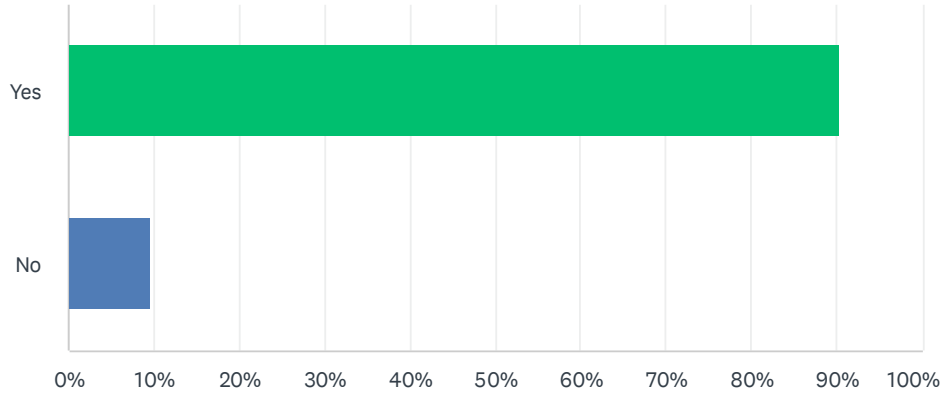
Answered: 52 Skipped: 69



ANSWER CHOICES	RESPONSES	
I added other information via the interactive mapping tool	11.54%	6
I do not have any other information to add to the interactive mapping tool	88.46%	46
<b>TOTAL</b>		<b>52</b>

### Q83 Can we reach out to you for additional information on your responses or during future surveys?

Answered: 52 Skipped: 69



ANSWER CHOICES	RESPONSES	
Yes	90.38%	47
No	9.62%	5
TOTAL		52

**Q84 Do you have any additional feedback or comments related to flood issues, the survey or other relevant topics? If so, please let us know in the comment box below.**

Answered: 12 Skipped: 109

#	RESPONSES	DATE
1	None	10/18/2021 5:54 PM
2	None. I really don't have anything to do with flood related issues.	10/15/2021 10:35 AM
3	The PDEMUD1 can readily provide information on the location and type of drainage structures within its boundaries but this process might take 2 to 3 weeks.	10/15/2021 10:12 AM
4	Will the information being obtained for the Hazardous Mitigation Plan be incorporated with flood plan management?	10/13/2021 3:09 PM
5	Reservoir and arroyo by my home have not been maintained in the 20 years I have lived here	10/11/2021 8:10 PM
6	Thanks for reaching out	10/8/2021 7:43 PM
7	Desert Haven, Loma Linda, Deer Mountain...residents would sure appreciate some attention to basic roads being passable during/after monsoon events!	10/4/2021 1:02 PM
8	It would be nice to discuss flooding issues in Sierra Blanca in person or through a phone call.....while Sierra Blanca is a desert and receives minimal rainfall, the monsoon season can produce flash floods, and the bigger issue is an accumulation of flooding events creating larger damage.	10/4/2021 10:03 AM
9	there are no flooding items we are being placed into the Migration Plan. Desert Haven Hudspeth County	10/2/2021 3:01 PM
10	Please help.	10/1/2021 2:23 PM
11	n/a	9/20/2021 12:01 PM
12	This organization is a local government that provides water, wastewater and sanitation services for the community of Ozona, TX. The Crockett County Judge will be more knowledgeable and have more input for this particular survey.	9/17/2021 10:32 AM

## **Appendix 10C**

### **Draft RFP Public Hearing Documentation**



# UPPER RIO GRANDE FLOOD PLANNING

## **Draft Regional Flood Plan Available for Public Comment**

*Region 14 – Upper Rio Grande Flood Planning Group*

Texas Water Development Board (TWDB) is administering a new state and regional flood planning process with flood planning regions based on river basins. The initial regional flood planning groups were formed on October 1, 2020; the first regional flood plans will be due in January 2023, and the first state flood plan will be due September 1, 2024. The Upper Rio Grande Regional Flood Plan identifies existing and future flood risks, as well as strategies for flood mitigation and identification of areas for future study. The Upper Rio Grande Regional Flood Planning Group (RFGP) has unanimously approved the draft Upper Rio Grande Regional Flood Plan. The TWDB will approve the final Upper Rio Grande Regional Flood Plan by December 2023 and will prepare the statewide flood plan by September 2024.

*In accordance with state law, the Upper Rio Grande RFGP is providing the public with the opportunity to comment on the draft plan. The 60-day comment period will begin on August 14, 2022 and will end on October 14, 2022. The draft plan is available on the Upper Rio Grande RFGP website:*

[Upper Rio Grande Regional Flood Planning Group Regional Draft Plan](#)

### **Public can view the plan in person at three locations from August 14, 2022 through October 14, 2022:**

- *Rio Grande Council of Governments - (Contact: Annette Gutierrez, Executive Director)  
8037 Lockheed, Suite 100  
El Paso, Texas 79925  
915-533-0998*
- *Reeves County - (Contact: Jeff Bullard, Director, Emergency Management – Reeves County)  
County Courthouse  
1714 Schmidt Dr RM 326  
Pecos, Texas 79772  
432-287-0242*
- *Rio Grande Council of Governments - (Contact: Peggy O'Brien, Local Governments Manager)  
Marfa Activity Center  
105 N. Mesa  
Marfa, Texas 79843*

### **Opportunity for public comment will include a public meeting held as outline below:**

- September 14, 2022 at 5:00 PM, MDT at the Rio Grande Council of Governments (8037 Lockheed, Suite 100 El Paso, TX 79925)
- *Phone participation is available for public and non-voting representatives by the conference call information: Call In: (877) 286-5733; Passcode / ID: 35631928#*
- *Video participation is available by clicking here on this hyperlink: [Click here to join the meeting](#)*
- *The meeting will allow the public to provide oral or written comments.*

### **Written comments can be submitted via U.S. mail, email, or the Upper Rio Grande RFGP website:**

- *U.S. Mail – Rio Grande Council of Governments, ATTN: Annette Gutierrez, 8037 Lockheed, Suite 100, El Paso, TX 79925*
- *Email – [annetteg@riocog.org](mailto:annetteg@riocog.org)*

While the Upper Rio Grande RFGP is responsible for developing the draft plan, implementation of the specific recommendations and flood mitigation actions included in the plan will require action by local communities throughout Region 14.



# UPPER RIO GRANDE FLOOD PLANNING

The Region 14 Upper Rio Grande RFGFP is administered by the Rio Grande Council of Governments and the following members appointed by the TWDB:

**Voting Member**

Dr. Zhuping Sheng  
Gilberto Saldana Jr.

Vacant

Jeff Bennett

Sal Masoud

Javier Acosta

David "Dave" Hall

Carlos Arturo Velarde  
Fernandez

Rene Rodriguez

Omar L. Martinez

Gisela Dagnino

Levi Bryand

Rick Tate

**Interest Category**

Agricultural interests

Counties

Electric generating utilities

Environmental interests

Industries

Municipalities

Public

Public

Small business

Water districts

Water utilities

Water utilities

River authorities

**Non-voting Member**

James Weaver

Judy Lucio

Larissa Place

Vacant

Richard Bagans

Anita Keese

Vanessa Rosales-  
Herrera

Delbert Humberson

Ben Wilde

**Agency**

Texas Parks and Wildlife Department

Texas Division of Emergency  
Management

Texas Department of Agriculture

General Land Office/Region 14 Liaison

Texas Water Development Board

Texas Commission on Environmental  
Quality

Region 15 Liaison

International Boundary Water  
Commission

Texas State Soil and Water Conservation  
Board

# Region 14 Upper Rio Grande Flood Plan

**Draft Regional Flood Plan (RFP)**

**Public Feedback**

09.14.2022

---

# Agenda

- **Welcome (Introductions to Planning Team)**
- **Brief Overview of Regional Flood Planning Process and Draft Upper Rio Grande Regional Flood Plan**
- **Draft RFP Comments**



# Welcome

– Thank you for joining us!



Upper Rio Grande  
Flood Planning



The Rio Grande  
Council of Governments

**AECOM**

# Welcome

## – Meet our planning team



**Omar Martinez**  
*Upper Rio Grande Flood Planning Group  
(URGRFPG) Chair  
El Paso County Water Improvement  
District No. 1*



**Annette Gutierrez**  
*Executive Director  
Rio Grande Council of Governments  
(RGCOG) – RFP Sponsor*



**Gilbert Andujo, PE, CFM**  
*Technical Consultant Project Manager  
AECOM*



**Chris Wright, PE, CFM**  
*Technical Consultant Lead Planner  
AECOM*



**Bryan Blaisdell, PE, GISP, CFM**  
*Technical Consultant Lead Planner  
AECOM*

---

# Welcome

– *Meet our planning team (Upper Rio Grande Flood Planning Group Members)*

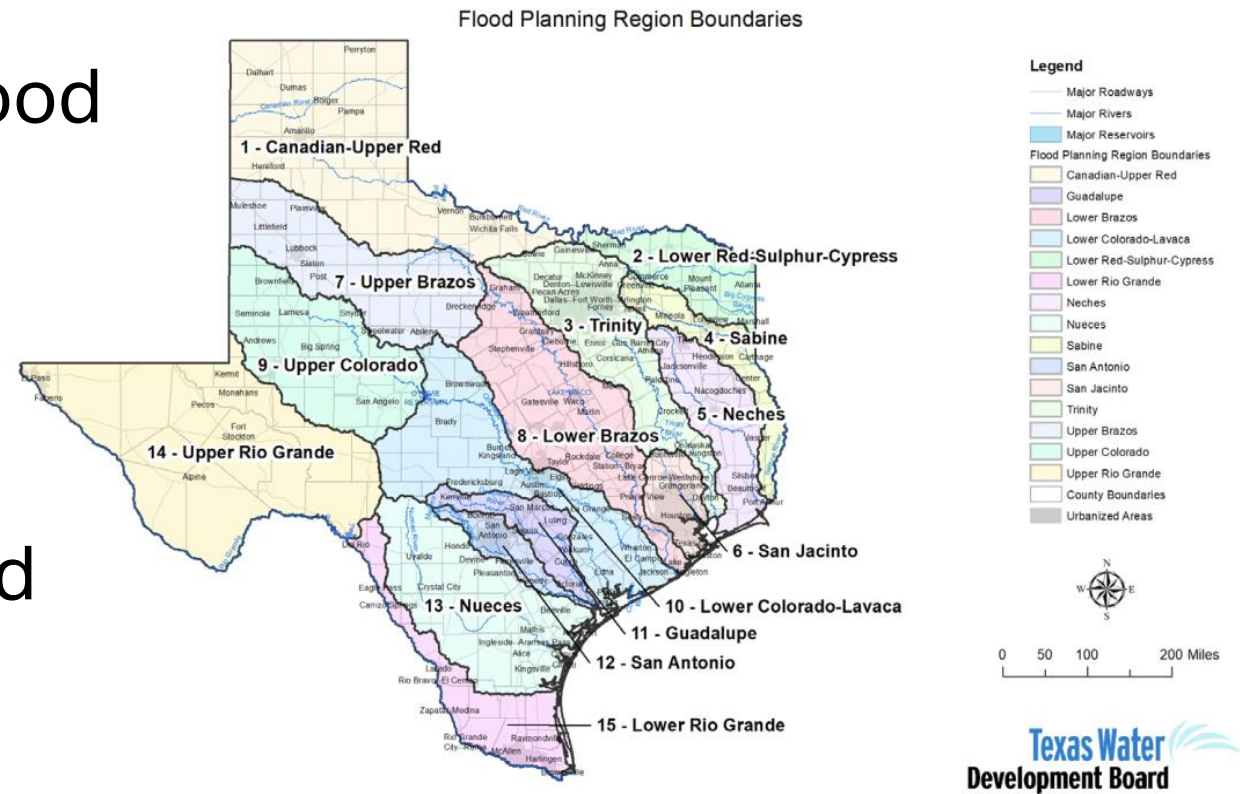
- **Agriculture:** *Dr. Zhuping Sheng (Sheng Engineering PLLC)*
- **Counties:** *Gilbert Saldana, Jr. (El Paso County)*
- **Environmental Interests:** *Jeff Bennett (Rio Grande Joint Venture)*
- **Industries:** *Sal Masoud (Del Rio Engineering)*
- **Municipalities:** *Javier Acosta (FXSA)*
- **Public:** *Dave Hall*
- **Public:** *Carlos Arturo Velarde Fernandez (Val Verde County)*
- **Small Business:** *Rene Rodriguez*
- **Water Districts:** *Omar Martinez (EPCWID #1)*
- **Water Utilities:** *Gisela Dagnino (El Paso Water) (with Enrique Ochoa and Marvin Gomez as alternate members)*
- **Water Utilities:** *Levi Bryand (LCA, Inc.)*

---

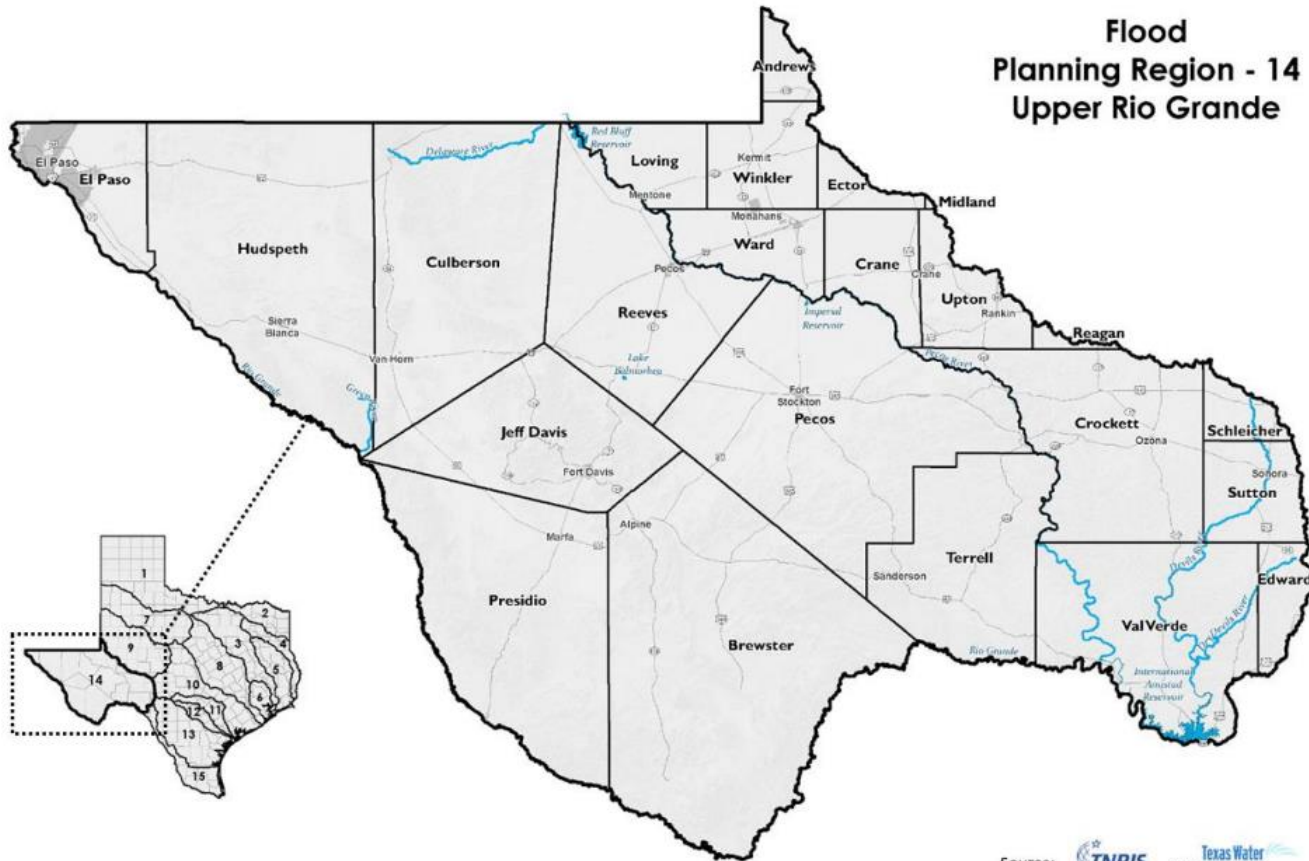
# Overview of Regional Flood Planning Process

# Overview of Regional Flood Planning Process

- Texas Senate Bill 8 (2019) established regional and state flood plans
- State organized into 15 flood planning groups
- Flood plans will be updated based on a five-year planning cycle



# Overview of Regional Flood Planning Process



- Flood Planning Region 14 (Upper Rio Grande)
- 23 Counties in West Texas
  - Rio Grande from El Paso County to Amistad Reservoir
  - Pecos River from New Mexico border (Red Bluff Reservoir) to the Rio Grande

# Overview of Regional Flood Planning Process

## 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 (structural and non-structural) that when implemented will reduce flood risk, 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 (may or may not require associated FMPs to be implemented).



Four counties in Region 14 do not have FEMA floodplains, and may need an FME to develop detailed floodplain models  
Image: Upper Rio Grande Regional Flood Planning Group General Meeting

El Paso Stormwater Project at Gateway East Pond  
Image: AECOM presentation for El Paso County Stormwater Master Plan

Vegetated Sandbar Limiting Flow Capacity in the Rio Grande  
Image: "Evaluation of Reduced Flow Capacity of the Rio Grande and the Impacts on the Operations of the Rio Grande Project Leasburg Dam to American Dam" (Joint Committee on Rio Grande Project Flood Risk (2019))

# Overview of Regional Flood Planning Process



Created by Andrejs Kirma  
from Noun Project

Regional Flood Plans will identify flood risk and recommend FMEs, FMSs, and FMPs within regions.



Created by Creative Stall  
from Noun Project

State Flood Plan will rank recommended FMEs, FMSs, and FMPs statewide

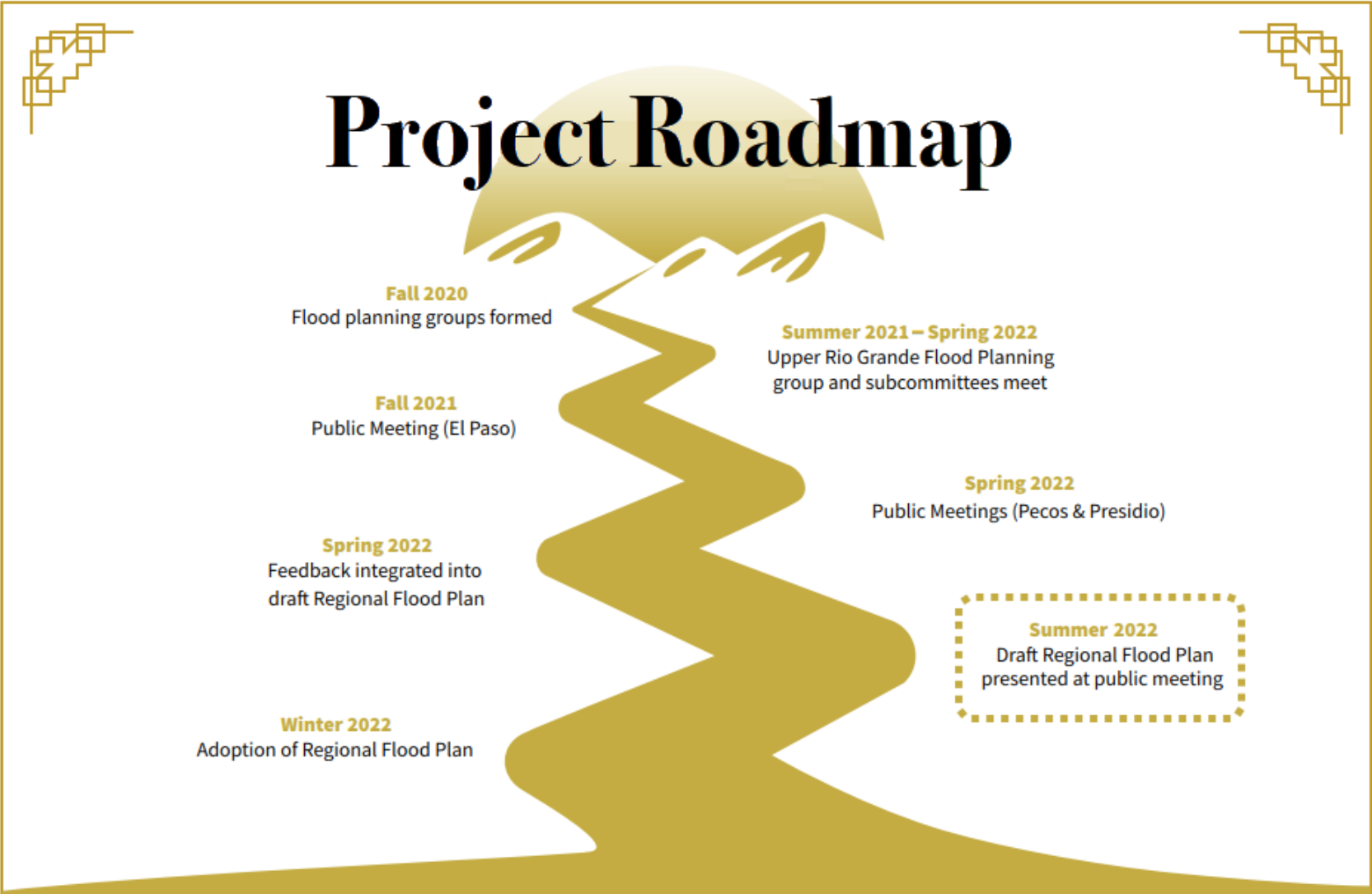


Created by Alice Design  
from Noun Project

Future state financial assistance may be allocated using a to-be-determined prioritization criteria.\*



# Overview of Regional Flood Planning Process

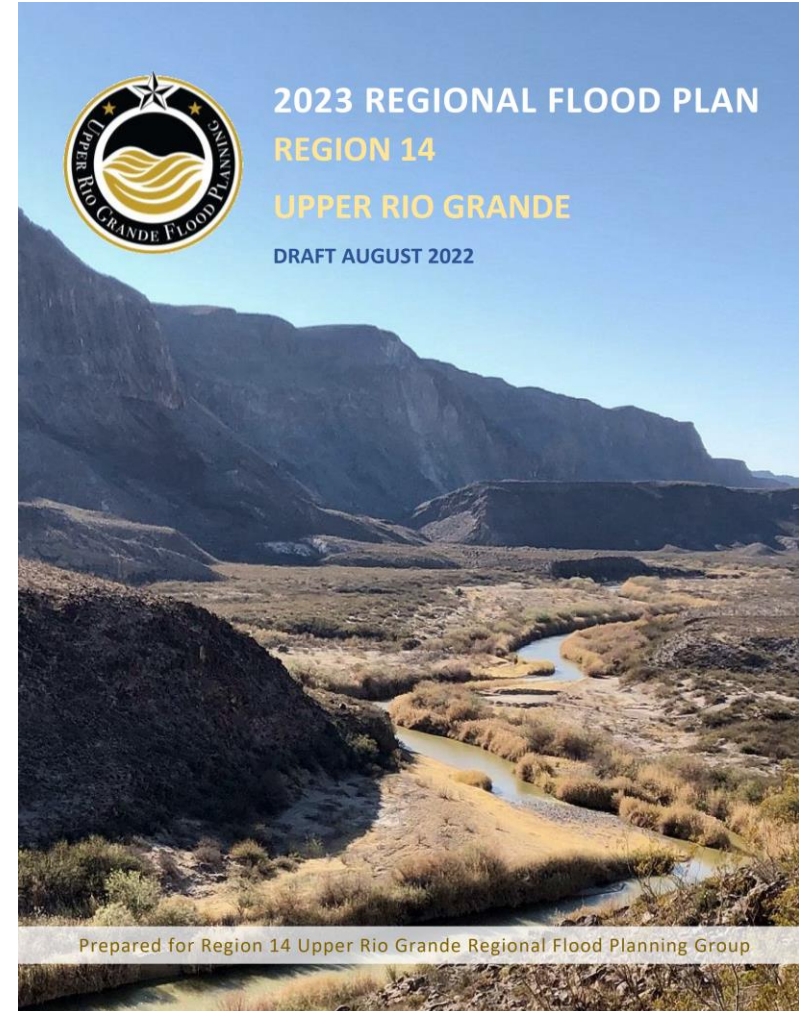


---

# Overview of Draft Upper Rio Grande Regional Flood Plan

# Overview of Draft Upper Rio Grande Regional Flood Plan

- Draft RFP submitted to Texas Water Development Board on August 1, 2022
- Posted on [URGFP.org](https://urgfp.org) for public review online with physical copies available in three locations across the region (El Paso, Pecos, and Marfa)
- Public comment period is from August 14, 2022 to October 14, 2022
- Comments can be submitted during public meeting on September 14, 2022, or via U.S. mail and email:
  - U.S. Mail – Rio Grande Council of Governments, ATTN: Annette Gutierrez, 8037 Lockheed, Suite 100, El Paso, TX 79925
  - Email – [annetteg@riocog.org](mailto:annetteg@riocog.org)



# Chapter 1 – Introduction and Description of the Upper Rio Grande Flood Planning Region

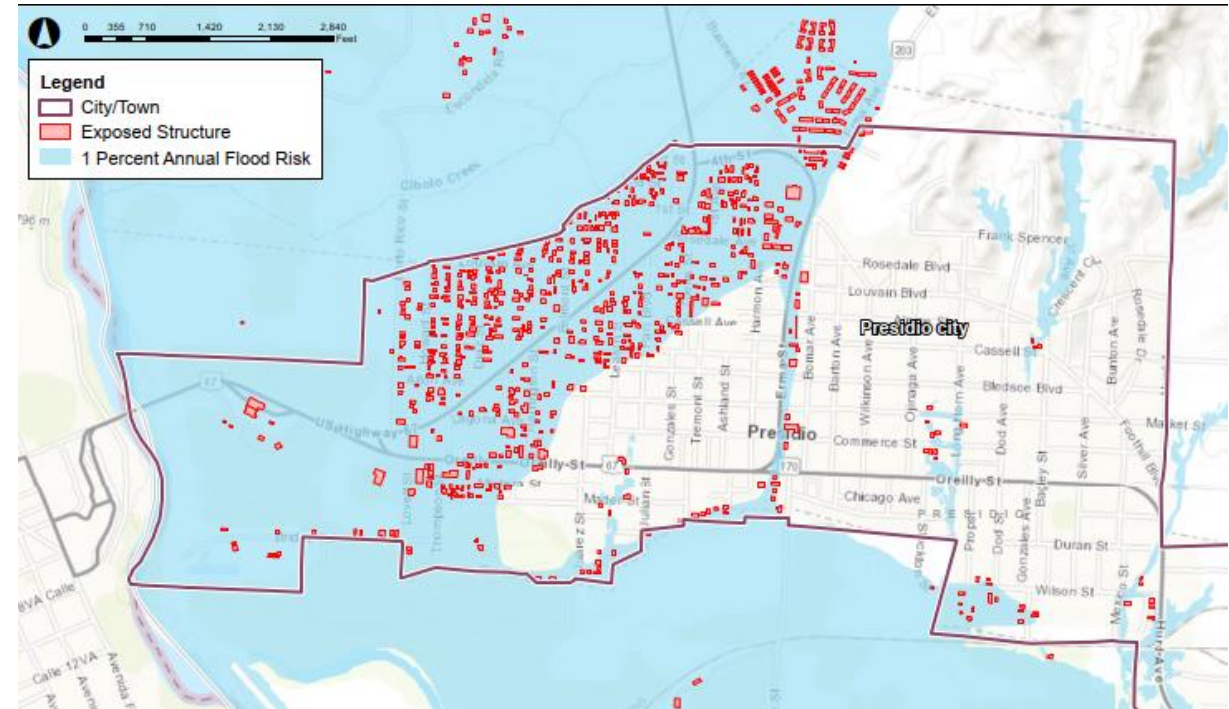
- Social and Economic Characteristics
- Agricultural & Natural Resources
- Historical Flooding
- Flood-Related Authorities & Regulation
- Existing Natural Flood Mitigation Features
- Constructed Major Flood Infrastructure
- Proposed or Ongoing Major Flood Infrastructure and Mitigation Projects
- Relevant Existing Planning Documents



April 2004 flood caused this I-20 bridge over Salt Draw to collapse, located between Toyah and Pecos. Source: DAA and NWS; [https://www.weather.gov/maf/2004\\_04\\_02\\_SevereWeather](https://www.weather.gov/maf/2004_04_02_SevereWeather)

# Chapter 2 – Flood Risk Analyses

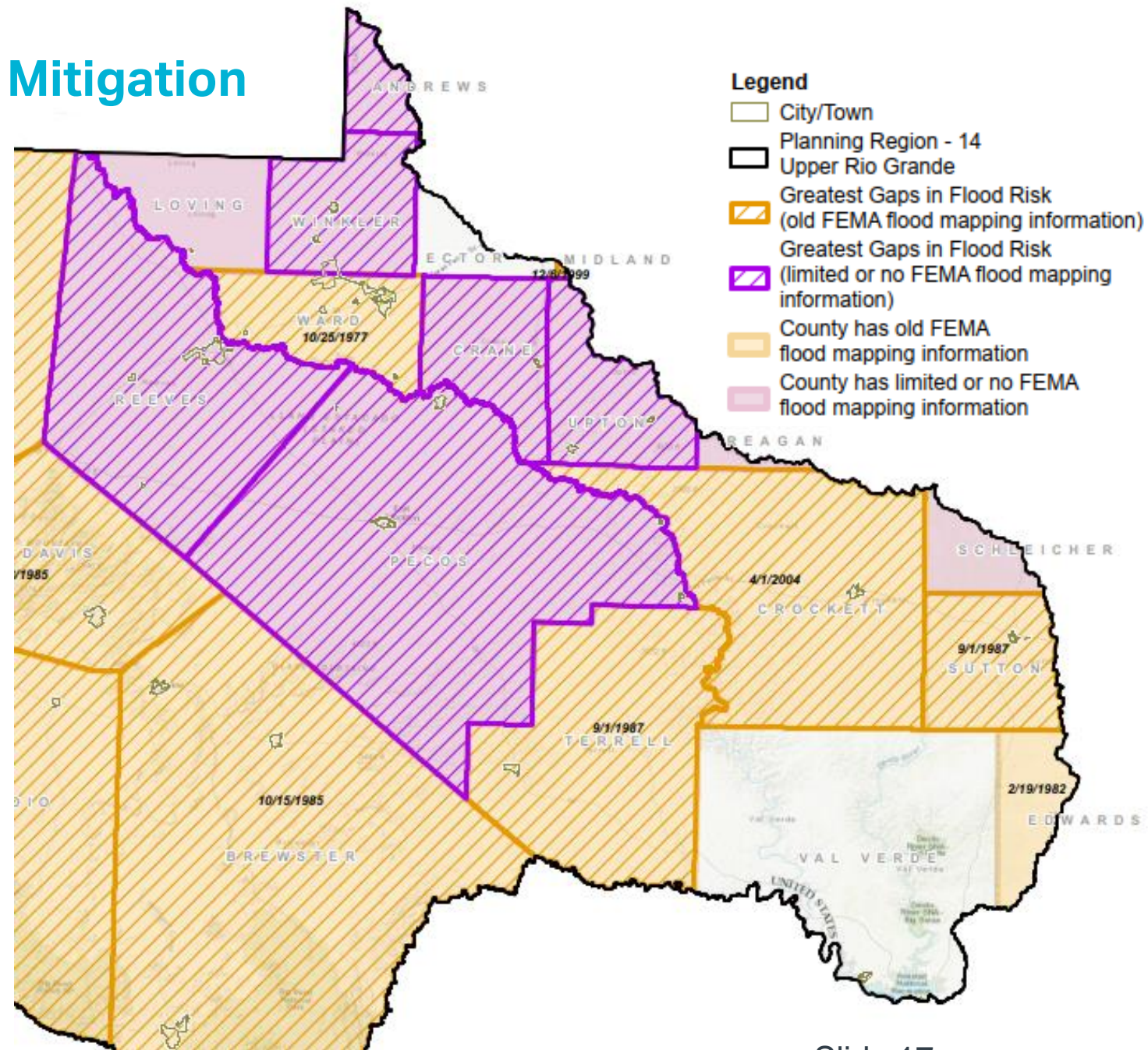
- Available Hydrologic and Hydraulic Models
- Existing and Future Conditions Analyses
  - 1% and 0.2% annual chance flood events evaluated using best available flood data
  - Flood hazards (*location, magnitude, frequency*)
  - Flood exposure (*who and what might be harmed*)
  - Flood vulnerabilities (*areas most at risk to flooding including communities and critical facilities*)
- Expected Loss of Function





# Chapter 4 – Identification of Flood Mitigation Needs and Solutions

- Flood Mitigation Needs Analysis
  - *Map 14: Greatest Gaps in Flood Risk Information*
  - *Map 15: Greatest Flood Risk*
- Process for Identifying Flood Mitigation Solutions
- Identification of FMEs
  - *Map 16: Extent of Potential FMEs and Mapping Needs*
- Identification of FMPs
  - *Map 17: Extent of Potential FMPs*
- Identification of FMSs
  - *Map 18: Extent of Potential FMSs*
- *Appendices include evaluation tables and narratives for all identified FMEs, FMSs, and FMPs*



# Chapter 5 – Evaluation and Recommendation of Flood Solutions

- Evaluation & Recommendation of Flood Solutions
  - Summary of Evaluation Process for FMEs and FMSs without Project Specific Data
  - Methods for Evaluation of FMSs and FMPs with Project-Specific Data
- Summary of Recommendation Process
- *Exhibit Maps* include mapbooks with individual maps of each FME, FMP, and FMS
- *Appendices* include:
  - Narratives of analyses performed on project-specific FMSs and FMPs
  - “No negative impact” assessments
  - Recommendations tables for FMEs, FMSs, and FMPs
  - Comprehensive FMP impact summary table





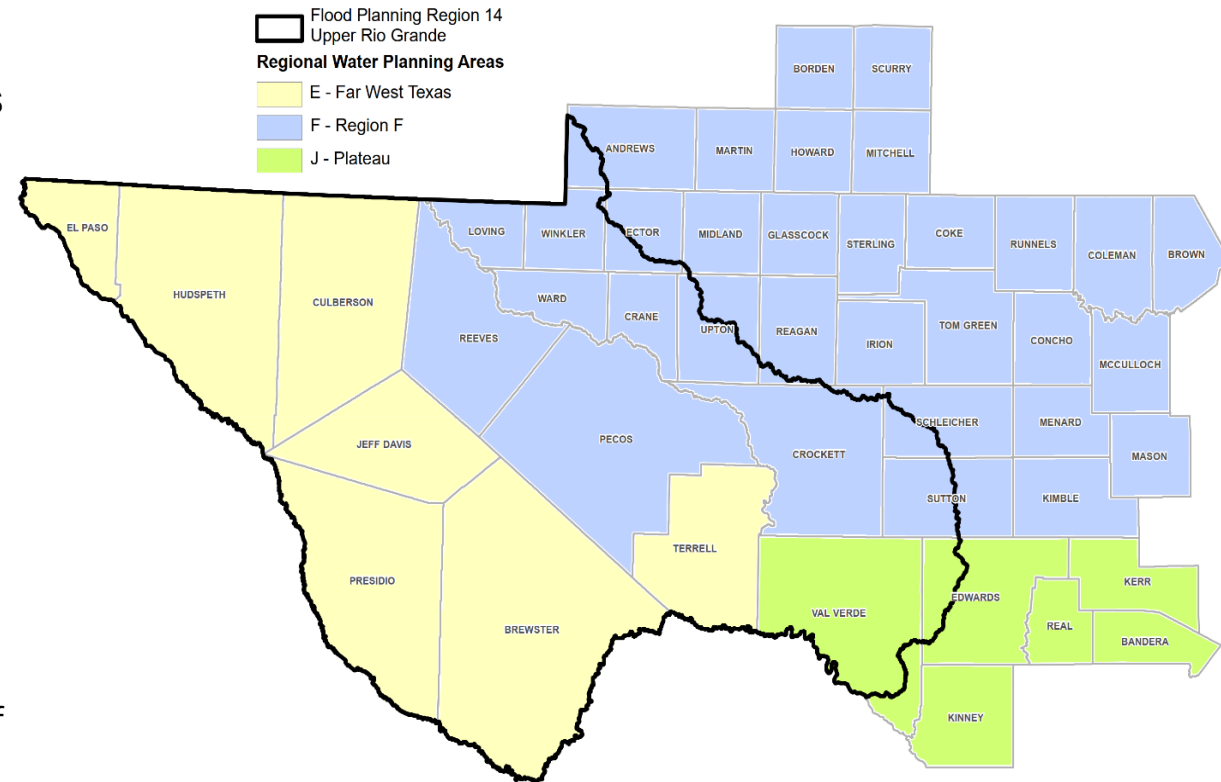
# Chapter 6 – Impacts and Contribution of Regional Flood Plan

## – Impacts of Regional Flood Plan

- FMPs and FMSs expected to remove **11,964** structures (population of **31,233**) from the 1% AC Floodplain
- Recommended FMPs expected to remove **936** structures (population of **2,400**) from the 0.2% AC Floodplain
- FMPs and FMSs expected to remove **41** Low Water Crossings from the 1% AC Floodplain

## – Contributions to and Impacts on Water Supply Development and the State Water Plan

- There are no recommended FMPs that would measurably contribute to water supply.
- There is one recommended FMS which is estimated to contribute to water supply:
  - FMS ID: 142000002 - "Irrigation and Recharge Application of Captured Rainwater Runoff at Alpine."
  - Recommended in the State Water Plan and the Far West Texas (Region E) Water Plan (Strategy E-2)
- There are no FMPs or FMPs that are estimated to negatively impact water supply



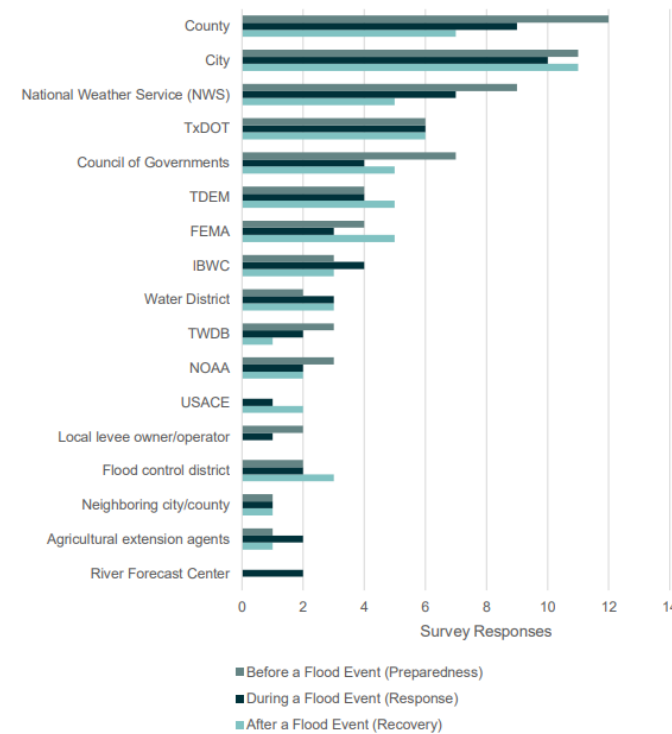
# Chapter 7 – Flood Response Information and Activities

- Summary of documents and activities related to three stages of flood emergency management including:
  - Flood preparedness
  - Flood response
  - Flood recovery

Table 7.1 Flood Emergency Management Phases

Phase	General Definition	Example Activities (not an exhaustive list)
Flood mitigation	“The implementation of actions, including both structural and non-structural solutions, to reduce flood risk to protect against the loss of life and property.” (Title 31 Texas Administrative Code §361.10(k))	See <i>Technical Guidelines for Regional Flood Planning</i> Section 3.2(2-3) examples of structural and non-structural Flood Mitigation Projects.
Flood preparedness	Actions, aside from mitigation, that are taken before flood events to prepare for flood response activities	Developing emergency management and evacuation plans, preparing staging areas, and building flood early warning systems
Flood response	Actions taken during and in the immediate aftermath of a flood event	Conducting evacuations, providing shelters, closing flooded roads, and operating flood warning systems
Flood recovery	Actions taken after a flood event involving repairs or other actions necessary to return to pre-event conditions	Repairs to damaged infrastructure, storm event debris removal

Figure 7.1 Entity Coordination Before, During, and After Flood Event



# Chapter 8 – Administrative, Regulatory, and Legislative Recommendations

## – Legislative Recommendations

- El Paso County Area Stakeholders
  - 3 recommendations
  
- Flood Planning Area Outside of El Paso County
  - 2 recommendations

**Table ES.5 Legislative Recommendations (El Paso County Area Stakeholders)**

Need to address	Recommendation
Burden on sponsors for levee certification is excessive	Communicate with the federal government about lessening the burden for levee certification
Counties perceive lack of ability to regulate drainage outside of FEMA floodplains	Counties to consider adoption of drainage requirements beyond areas that are in flood zone (e.g., within County Road ROWs outside floodplains)
Revolving state funds are not self-sustaining	Create specific revolving state funds to provide matching to federal dollars for FMPs

**Table ES.7 Legislative Recommendations (Flood Planning Area Outside of El Paso County)**

Need to address	Recommendation
New federal requirements addressing historic preservation	Develop a set of regional comments on new requirements to be provided to the federal agency
Counties perceive lack of ability to regulate drainage outside of FEMA floodplains	Counties to consider adoption of drainage requirements beyond areas that are in flood zone (e.g., within County Road ROWs outside floodplains)

## – Regulatory/Administrative Recommendations

- El Paso County Area Stakeholders
  - 13 recommendations
  
- Flood Planning Area Outside of El Paso County
  - 8 recommendations

# Chapter 9 – Flood Infrastructure Financing Analysis

## – Sources of Funding for Flood Management Activities

- 58 Flood Mitigation Actions recommended (\$160.3M)
- Local, State, and Federal funding sources described
- Barriers to funding discussed

Flood Mitigation Action Type	Number of Recommended Actions	Anticipated Total Cost of Implementation
FME	22	\$7,510,000
FMP	14	\$149,205,280
FMS	22	\$3,586,100
<b>Total</b>	<b>58</b>	<b>\$160,301,380</b>

## – Flood Infrastructure Financing Survey

- Online survey with 9 funding questions sent to all sponsors
- 29 entities contacted, 11 responses (38% response)
- Responses received for 46 of 58 (79%) FMEs/FMPs/FMSs

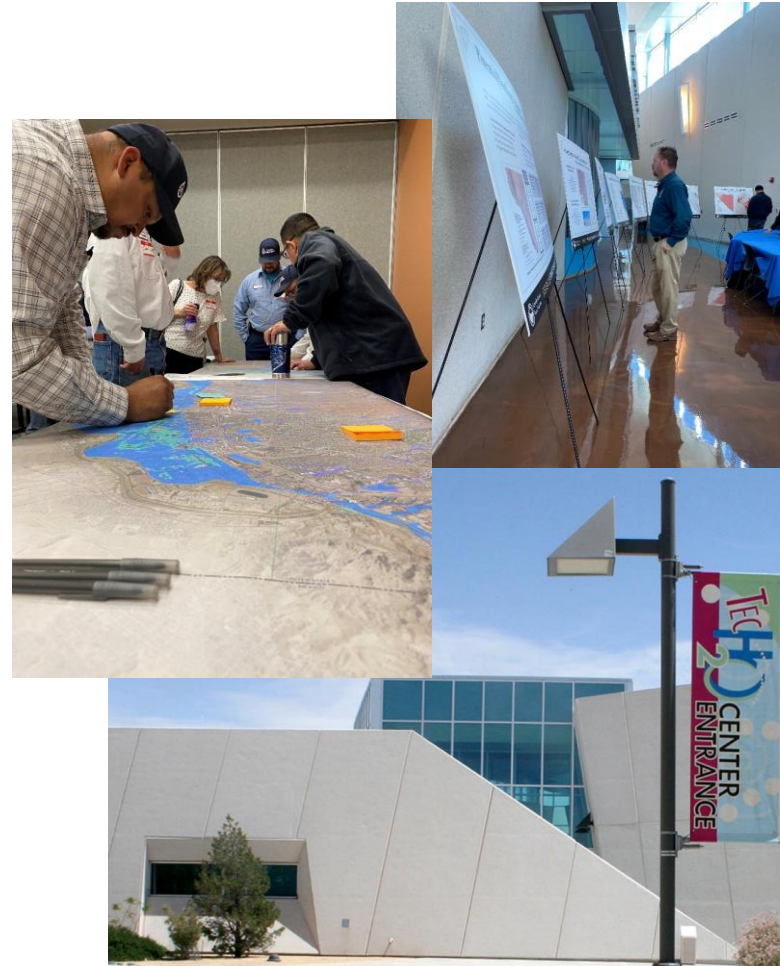
## – Proposed Role of State in Financing

- \$153.8M (96% of funding needed) not anticipated to be local

Source	Federal Agency	State Agency	Program Name	Grant (G)	Loan (L)	Post-Disaster (D)
Federal	EPA	TCEQ/ TSSWCB	Nonpoint Source Grant Program 319(h) (NPS)	G	-	-
		TWDB	Clean Water State Revolving Fund (CWSRF)	G <sup>1</sup>	L	-
			Cooperating Technical Partners (CTP)	G	-	-
	FEMA	TBD	Safeguarding Tomorrow through Ongoing Risk Mitigation Program (STORM)	-	L	-
		TCEQ	Rehabilitation of High Hazard Potential Dam Program (HHPD)	G	-	-
		TDEM	Building Resilient Infrastructure and Communities (BRIC) <sup>2</sup>	G	-	-
		TDEM	Hazard Mitigation Grant Program (HMGP)	G	-	D
		TDEM	Public Assistance (PA)	G	-	D
		TWDB	Flood Mitigation Assistance Program (FMA)	G	-	-
	HUD	GLO	Community Development Block Grant-Disaster Recovery (CDBG-DR)	G	-	D
		GLO/ TDEM	Community Development Block Grant-Local Hazard Mitigation Plan Program (LHMPP)	G	-	-
		GLO	Community Development Block Grant-Mitigation (CDBG-MIT)	G	-	D
		TDA	Texas Community Development Block Grant (Tx CDBG) Program for Rural Texas	G	-	-
	NRCS		Emergency Watershed Protection Program (EWP)	G	-	D
			Watershed and Flood Prevention Operations Program (WFPO)	G	L	-
			Watershed Rehabilitation Program (REHAB)	G	-	-
	USACE		Continuing Authorities Program (CAP) <sup>3</sup>	-	-	-
		Partnerships with USACE, funded through WRDA or other legislative vehicles <sup>3</sup>	-	-	-	
State	N/A	TWDB	Flood Infrastructure Fund (FIF)	G	L	-
		TWDB	Texas Water Development Fund (DFund)	G	L	-
		TWDB	Rural Water Assistance Fund (RWAF)	-	L	-
		TSSWCB	Structural Dam Repair Grant Program	G	-	-
		TSSWCB	Flood Control Operation and Maintenance (O&M) Grant Program	G	-	-
Local	Not Applicable	TSSWCB	Flood Control Dam Infrastructure Projects - Supplemental Funding	G	-	-
			General Fund			
			Stormwater or Drainage Utility Fee			
			Tax Applications			
			Bonds			
		Special-Purpose Districts				

# Chapter 10 – Public Participation and Plan Adoption

- Summary of flood planning public participation activities including:
  - RFPG General Meetings
  - Open House Events
  - Media Releases and Online Access
  - Surveys
- Alignment of Draft RFP with Texas Administrative Code (TAC) Flood Planning Guidance Principles §362.3



---

# Discussion of Draft RFP Comments

**AECOM** Delivering a  
better world

## **Appendix 10D**

### **Draft RFP Comments and Responses – TWDB**



October 25, 2022

**TWDB Comments on Region 14 Upper Rio Grande Regional Flood Planning Group's  
Draft Regional Flood Plan**

**Level 1: Comments and questions must be satisfactorily addressed to meet statutory, agency rule, and/or contract requirements.**

General Comments

1. Please ensure that all “Submittal requirements” identified in each of the Exhibit C Guidance document sections are submitted in the final flood plan.

SOW Task 1

2. Entities GIS Feature Class, *Entities*: Several required fields appear to contain invalid entries such as “Unknown”, including the ‘ACTIVE’ field. Please ensure all required fields are populated with valid entries per Exhibit D Table 5 [31 TAC §361.31].
3. Watershed GIS Feature Class, *Watersheds*: Much of the flood planning region does not appear to have any features in this feature class. Please include additional HUC-10 watersheds to layer across rural areas of regions while keeping smaller local watersheds already included [Exhibit D Section 3.2].
4. Existing Flood Infrastructure Table (Exhibit C Table 1): It appears that some fields are missing from the table, including 'Level of Service', 'Condition', 'Deficiency', and 'Owning Entity'. Please ensure all required fields are populated with valid entries per Exhibit C Table 1 [31 TAC §361.31].
5. Existing Flood Infrastructure GIS Feature Class, *ExFldInfraPol*: It appears that some fields contain invalid or missing entries, including 'CONDITION' and 'DESCR'. Please ensure all required fields are populated with valid entries per Exhibit D Table 5. Please utilize NULL to represent either “not applicable” or “unknown”. [31 TAC §361.31, Exhibit D Section 3.3].
6. Existing Flood Infrastructure GIS Feature Classes, *ExFldInfraLn* and *ExFldInfraPt*: It appears that some fields contain invalid or missing entries, including and 'OPER\_ENT', 'OWN\_ENT', 'CONDITION', and 'DEF\_TYPE'. For 'OWN\_ENT' and 'OPER\_ENT', leave as “999999” if there is no data. Please ensure all required fields are populated with valid entries per Exhibit D Tables 6 and 7, respectively [31 TAC §361.31].
7. Existing Flood Projects GIS Feature Class, *ExFldProjs*: Several required fields appear to contain invalid entries, including, “EXPRJDESC”, 'HUC8', 'STATUS', and 'FUNDING'. Please ensure all required fields are populated with valid entries per Exhibit D Table 8. [31 TAC §361.32].

SOW Task 2A

8. Existing Condition Flood Hazard GIS Feature Class, *ExFldHazard*: It appears that the total hazard area for "Unknown" risk entries within 'FLOOD\_FREQ' do not appear to match the "Possible Flood Prone Areas" in Exhibit C Table 3. Please reconcile data, as necessary, across all related deliverables [31 TAC §361.33(b)].

9. Existing Condition Flood Hazard Analysis: Please include total land areas (square miles) of each flood risk by flood risk type, county, region, and frequency as per guidance document (Exhibit C page 24): Submittal requirement number 2.
10. Existing Gaps GIS Feature Class, *Ex\_Map\_Gaps*: Please update the field, 'GAPS\_ID' to 'EXGAPS\_ID' per the [Summary of Updates to Exhibit D](#) document available on the TWDB website.
11. Existing Condition Flood Exposure Table (Exhibit C Table 3): There appear to be inconsistencies between Table 3 and the *ExFldExpAll* feature class. For example, counts for Residential Structures and Total Structures do not appear to match. Please ensure data consistency between all related deliverables [31 TAC §361.33, Exhibit C Section 2.2.A.3].
12. Existing Condition Flood Exposure GIS Feature Class, *ExFldExpAll*: There appear to be inconsistencies between Table 3 and the *ExFldExpAll* feature class. For example, counts for Residential Structures and Total Structures do not appear to match. Please ensure data consistency between all related deliverables [31 TAC §361.33, Exhibit C Section 2.2.A.3].

#### SOW Task 2B

13. Future Condition Flood Hazard Analysis: Please include total land areas (square miles) of each flood risk by flood risk type, county, region, and frequency as per guidance document (Exhibit C page 33): Submittal requirement number 3.
14. Future Condition Flood Exposure Table (Exhibit C Table 5): There appear to be inconsistencies between Table 5 and the *FutFldExpAll* feature class. For example, counts for Residential Structures and Total Structures do not appear to match. Please ensure data consistency between all related deliverables [31 TAC §361.34, Exhibit C Section 2.2.B.3].
15. Future Condition Map Gaps GIS Feature Class, *Fut\_Map\_Gaps*:
  - a. Please update the field 'GAPS\_ID' to 'EXGAPS\_ID' per the [Summary of Updates to Exhibit D](#) document available on the TWDB website.
  - b. It appears that some fields are missing entries, including 'HUC8'. Please ensure all required fields are populated with valid entries per Exhibit D Table 10, *Flood\_Map\_Gaps* GIS feature class [Exhibit D Section 3.5.1.1].
16. Future Condition Flood Exposure GIS Feature Classes, *FutFldExpPol* and *FutFldExpLn*: It appears that some fields are missing entries, including 'COUNTY' and 'HUC8'. Please ensure all required fields are populated with valid entries per Exhibit D Tables 16 and 17, respectively [31 TAC §361.34(c), Exhibit D Section 3.6.2].
17. Future Condition Flood Exposure GIS Feature Class: *FutFldExpAll*:
  - a. It appears that some fields are missing entries, including 'COUNTY', 'HUC8', and 'CRIT\_TYPE'. Please ensure all required fields are populated with valid entries per Exhibit D Table 19 [31 TAC §361.34(c), Exhibit D Section 3.6.2].
  - b. There appear to be inconsistencies between Table 5 and the *FutFldExpAll* feature class. For example, counts for Residential Structures and Total Structures do not appear to match. Please ensure data consistency between all related deliverables [31 TAC §361.34, Exhibit C Section 2.2.B.3]

#### SOW Task 4B

18. Streams GIS Feature Class, *Streams*: It appears that some fields are missing entries, including 'LEN\_MILES'. Please ensure all required fields are populated with valid entries per Exhibit D Table 22 [Exhibit D Section 3.9].

19. Flood Management Evaluations (FME) GIS Feature Class, FME: Please populate the 'ENTITY\_ID' field with ENTITY\_IDs from the *Entities* feature class rather than with the names of entities.
20. Flood Management Evaluations (FME) Table (Exhibit C Table 12): It appears that FME\_ID 141000007 is included in the *FME* feature class, but not in the Appendix 4A table. Please ensure data consistency between all related deliverables [§361.38(i), Exhibit C Section 2.4.B].
21. Flood Management Strategies (FMS) GIS Feature Class, *FMS*:
  - a. It appears that some fields contain invalid or missing entries, including 'HUC8' and 'NRNC\_COST'. For 'NRNC\_COST', please confirm NULL is utilized to represent either "not applicable" or "unknown". Please ensure all required fields are populated with valid entries per Exhibit D Table 26. [31 TAC §361.38(d)].
  - b. Flood Mitigation Strategies GIS Feature Class, *FMS*: Please populate the 'ENTITY\_ID' field with ENTITY\_IDs from the *Entities* feature class rather than with the names of entities.

#### SOW Task 5

22. Flood Mitigation Project (FMP) Recommendations, Text: Each recommended FMP must be accompanied with an associated model or supporting documentation to show no negative impact. Please confirm that this was done and provide reference to supporting materials. As per the draft report (Appendix 5B page 3), "*The hydraulic analyses performed as part of the RFP demonstrated that post-project downstream water surface elevations extracted at building footprints are lower than or equal to pre-project water surface elevations. Similar positive benefits were observed throughout the study area, as would be expected since the projects add storage volume to reduce downstream flows. Therefore, there are no negative impacts estimated for the four FMPs listed above, from the El Paso County SWMP.*" For each recommended FMP, please identify in the plan how no negative impact was determined as required by Exhibit C Section 3.6.A (page 108), either via a model, a study or engineering judgement, and submit the associated model, include the model name, study name, or engineering judgement in tabular format. Please ensure this is clearly described for all FMPs [31 TAC §361.39 & Exhibit C 2.5.B]

**Level 2: Comments and suggestions for consideration that may improve the readability and overall understanding of the regional flood plan.**

#### General Comments

23. For maps that display large amounts of data (e.g., Maps 4, 6, 8, and 10), please consider a region-wide map and accompanying map index as well as inset maps, as appropriate.

#### SOW Task 1

24. Entities GIS Feature Class, *Entities*: Please consider reviewing the list of entities with respect to National Parks. For example, "Amistad National Park" should be "Amistad National Recreation Area" and "Chamizal National Park" should be "Chamizal National Memorial". This may affect the count of National Parks in Section 1.3 text.
25. Existing Flood Infrastructure, Text:

- a. Please provide a description of how Low Water Crossings were identified within the text of Chapter 1.
  - b. Please consider expanding on why the unaccredited levees do not meet accreditation requirements.
26. Existing Flood Infrastructure GIS Feature Class, *ExFldInfraPol*:
- a. It appears that NULL data is entered in different fields as "0", "Null", or blank strings. Please consider keeping NULL data consistent across fields.
  - b. Please consider clipping this feature class to the flood planning region.
  - c. Please consider ensuring that provided layers are incorporated, such as Major Reservoirs. Relevant data can be accessed through the Flood Planning Data Hub: <https://twdb-flood-planning-resources-twdb.hub.arcgis.com>. Please incorporate data provided by HUB in this layer (i.e., major reservoirs).
27. Existing Flood Infrastructure GIS Feature Class, *ExFldInfraLn*: It appears that NULL data is entered in different fields as "0", "Null", or blank strings. Please consider keeping NULL data consistent across fields.
28. Existing Flood Infrastructure Map (Exhibit C Map 1): Please consider including a note describing what is included as "Misc. Infrastructure".
29. Existing Flood Projects, Text: In Section 1.8 of the plan, please consider expanding on the summary provided for "Proposed or Ongoing Major Flood Infrastructure and Mitigation Projects."
30. Existing Flood Projects Map (Exhibit C Map 2): Please consider revising the map to help identify the locations and extents of proposed or ongoing projects more easily.

#### SOW Task 2A

31. Existing Condition Flood Exposure Map (Exhibit C Map 6): Please consider including additional maps with separate categories of exposed features depicted as appropriate. Please consider further specification by differentiating between points, lines, and polygons on this map.
32. Existing Condition Flood Vulnerability Map (Exhibit C Map 7):
  - a. It appears Map 7 depicts all features within the SVI range of 0 to 1. Please consider only including features with SVI scores above 0.75 as described in the guidance document (Exhibit C page 27): Submittal requirement number 3.
  - b. Please consider adding a separate point symbology class for LWCs.

#### SOW Task 2B

33. Future Condition Flood Hazard GIS Feature Class, *FutFldHazard*: If it is necessary to mark the ENTITY\_ID as not applicable or unknown, please leave NULL or use '999999' rather than a blank string (e.g. "" or " ").
34. Future Condition Flood Exposure text: In Section 2.3.6 of the plan, please consider updating the sentence "In addition, the complete existing conditions flood exposure results are summarized at the regionwide level in Table 2.21..." to reflect Table 2.21 depicting future condition flood exposure.
35. Future Condition Flood Exposure Map (Exhibit C Map 11): Please consider including additional maps with separate categories of exposed features depicted as appropriate. Please consider further specification by differentiating between points, lines, and polygons on this map.

36. Future Condition Vulnerability Map (Exhibit C Map 12):
- a. It appears Map 12 depicts all features within the SVI range of 0 to 1. Please consider only including features with SVI scores above 0.75 as described in the guidance document (Exhibit C page 35): Submittal requirement number 3.
  - b. Please consider adding a separate point symbology class for LWCs.

SOW Task 3A

37. Floodplain Management Practices Map (Exhibit C Map 13): Please consider revising the map to distinguish between levels of floodplain management practices such as Strong, Moderate, Low, or None.

SOW Task 4B

38. Flood Mitigation Projects (FMP), Text: Please consider including a written list of FMPs that were identified but determined by the RFPG to be infeasible, including the primary reason for it being infeasible.
39. Flood Management Strategy (FMS), Text: Please consider including a written list of FMSs that were identified but determined by the RFPG to be infeasible, including the primary reason for it being infeasible.
40. Flood Management Evaluations (FME) GIS Feature Class, *FME*: It appears that the field 'ASSOCIATED' is missing from the *FME* feature class. Please consider adding and populating this field with valid entries per the TWDB broadcast email sent on June 3, 2022.
41. Post-Project Flood Hazard GIS Feature Class, *FMP\_HazPost*: Please consider developing a *FMP\_HazPost* feature class showing an updated hazard area that accounts for the impact of recommended FMPs.

SOW Task 5

42. Flood Mitigation Project (FMP) Details Geodatabase Table, *FMP\_Details*: The table appears to be missing entries. Please consider populating as many fields as possible with valid entries [31 TAC §361.39, Exhibit D Section 3.11.3, Exhibit C Section 3.10.C].

## RESPONSE TO TWDB COMMENTS

### LEVEL 1:

#### General Comments

1. All "submittal requirements" were checked for inclusion, and the following changes were made to ensure the requirements are fulfilled: (1) Chapter 2 Section 2.2.4 [Existing Vulnerability] was updated to add language regarding the locations of high SVI areas within the region, (2) the "ExFldHazard" and "FutFldHazard" feature classes were updated to specify source and date of publicly-provided flood prone areas, and (3) a summary of flood risks by county and type of flooding (e.g., riverine, local, playa) was added in Sections 2.2.3 and 2.3.6.

#### Scope of Work (SOW) Task 2A

2. Invalid entries in the "ACTIVE" field were updated to valid "Yes" or "No" values.
3. Added all 187 HUC10 features in FPR14.
4. Required fields were added and populated with valid entries to Appendix Table 1B (Existing Flood Infrastructure Summary).
5. Changed 'Non-Functional' to 'Non-functional'; added a description to the "DESCR" field where NULL (3 entries).
6. Fixed missing/invalid attributes; ExFldInfraLn: Deleted 5 features with zero length: 14009554,14009557,14010083,14010485,14010488.
7. Appendix Table 1C has been revised to only include valid entries based upon Exhibit D, Table 8. Also, the ExFldProjs has been updated to reflect the information in the revised Appendix Table 1C.
8. There are 89 polygons for FLOOD\_FREQ ='Unknown' (SOURCE ='Public'). Portions of the originally drawn 'Public' polygons are in Mexico. Total hazard areas have been updated in the Exhibit C Table 3 with portions located in Mexico noted as a footnote below the table.
9. A summary of the region's existing condition total land area of flood risks by flood risk type, county, and frequency has been added to Chapter 2 Sections 2.2.3.
10. The fields 'GAPS\_ID' and 'EXGAPS\_ID' have been updated per the "Summary of Updates to Exhibit D" document.
11. Cumulative values (for 1% AC and 0.2% events) were used for the 0.2% in the initial summary tables. Appendix Table 2A (Existing Condition Flood Risk Summary) has been updated to report results for the 1% and 0.2% storm events separately.

12. Cumulative values (for 1% AC and 0.2% events) were used for the 0.2% in the initial summary tables. The "ExFldExpAll" feature class has been updated to report results for the 1% and 0.2% storm events separately.

#### **SOW Task 2B**

13. A summary of the region's future condition total land area of flood risks by flood risk type, county, and frequency has been added to Chapter 2 Sections 2.3.6
14. Cumulative values (for 1% AC and 0.2% events) were used for the 0.2% in the initial summary tables. Appendix Table 2B (Future Condition Flood Risk Summary) has been updated to report results for the 1% and 0.2% storm events separately. In addition, small features outside of the region boundary were deleted: Deleted 43 features (County="") from "FutFldExpPol" feature class; Deleted 2 features (County="") from "FutFldExpLn" feature class; Two buildings outside the region boundary, partially in the FP adjacent to El Paso County, were added to the building total.
15. Field has been changed to 'FUTGAPS\_ID' per the Summary of Updated to Exhibit D.
16. Missing entries have been added to "COUNTY" and "HUC8" fields.
17. Small features outside of the county boundary were deleted: Deleted 43 features (County="") from "FutFldExpPol" feature class; Deleted 2 features (County="") from "FutFldExpLn" feature class.

#### **SOW Task 4B**

18. Populated 'LEN\_MILES'. All other required fields have been checked to ensure valid entries.
19. Values in the "ENTITY\_ID" field have been updated to reflect ENTITY\_IDs from the Entities feature class rather than the names of the entities. In the process, additional nonspatial entity records were added to the "Entities\_Table" table in the geodatabase to ensure all entities were captured in either the "Entities" feature class or the "Entities\_Table" table (no additional spatial records were added to the "Entities" feature class).
20. FME ID 1410000007 has been removed from the feature class which is consistent with the FME tables in Appendices 4A, 4B, and 5C.
21. Two-part response:
  - a. Due to some FMSs extending across a large portion of the region, the list of associated HUC8 names is longer than can fit in the 255 character limit for the "HUC8" field. TWDB confirmed that "HUC8" values longer than 255 characters should be changed to NULL (email 12/5/22). For "NRNC\_COST" field, NULL is utilized to represent "not applicable" or "unknown".
  - b. Values in the "ENTITY\_ID" field have been updated to reflect ENTITY\_IDs from the Entities feature class rather than the names of the entities. In the process, additional nonspatial entity records were added to the "Entities\_Table" table in the geodatabase to ensure all entities were captured in either the "Entities" feature class or the

“Entities\_Table” table (no additional spatial records were added to the “Entities” feature class).

### **SOW Task 5**

22. A column named, "How No Negative Impact was Determined" has been added to Appendix Table 5D: "Flood Mitigation Projects Recommended by RFGP". This column documents whether models, previous studies, or engineering judgment were utilized to determine no negative impact. Additional information has also been added to Appendix 5B to clarify which method was used to determine no negative impact. In addition, a new Appendix 5H was added to Chapter 5 to document existing and proposed flood depths at buildings to demonstrate no negative impact where models were used.



**LEVEL 2:****General Comments**

23. Maps 4 & 8 have index and multi-pages; Map 6 has insets. Added insets to Map 10.

**SOW Task 1**

24. The following names were changed: "Chamizal National Park" to "Chamizal National Memorial"; "Amistad National Park" to "Amistad National Recreation Area"; and "Rio Grande National Park" to "Rio Grande Wild and Scenic River"
25. Two-part response:
- a. A description of how Low Water Crossings is provided in Section 1.7.1 "Stream Crossings". The section has been renamed to "Stream and Low Water Crossings" for clarity.
  - b. A paragraph has been added to section 1.7.2.5 discussing potential reasons for unaccredited levees in El Paso County (note that FMS 142000001 is included to develop full coordination among stakeholders to inventory and address non-accreditation issues).
26. Two-part response:
- a. Zeros ("0" ) and blank strings were converted to NULL values;
  - b. Features are clipped to flood planning region; c. Added 4 Major Reservoirs, IDs 14064579 - 14064583.
27. NULL data for the "ExFldInfraLn" feature class has been corrected for consistency.
28. Map 1 has been updated with the additional information.
29. The summary has been expanded with additional information in Section 1.8.
30. Symbolology for the Existing Flood Projects Map was revised for better clarity.

**SOW Task 2A**

31. Symbolology for the Existing Condition Flood Exposure Map was revised for better clarity.
32. The SVI was adjusted for >0.75 and LWC were added to the Existing Condition Flood Vulnerability Map.

**SOW Task 2B**

33. This issue has been corrected.
34. The sentence has been corrected to reflect Table 2.21 depicting future condition flood exposure.
35. Symbolology for the Future Condition Flood Exposure Map was revised for better clarity.
36. The SVI was adjusted for >0.75 and LWC were added to the Future Condition Flood Vulnerability Map.

**SOW Task 3A**

37. No changes were made to the map since data pertaining to levels of floodplain management practices are not currently available for the region.

**SOW Task 4B**

38. As stated in Section 5.2 of Chapter 5, "There were no potential FMEs or potentially feasible FMSs or FMPs that were evaluated and found to be infeasible by the RFPG."
39. As stated in Section 5.2 of Chapter 5, "There were no potential FMEs or potentially feasible FMSs or FMPs that were evaluated and found to be infeasible by the RFPG."
40. Values have been populated for 'ASSOCIATED'.
41. Due to budget and time constraints, this Post-Project Flood Hazard GIS Feature Class, FMP\_HazPost has not been included in this first cycle of the RFP. This feature class is specified by TWDB as optional.

**SOW Task 5**

42. The geodatabase has been populated with the information from Appendix Table 5F.

## **Appendix 10E**

### **Draft RFP Comments and Responses – Public**

The following table of comments on the Draft RFP was received from the Rio Grande Council of Governments (RGCOG) on October 13, 2022. Responses have been added next to each of the comments in **Appendix Table 10E.1** below.

### Appendix Table 10E.1: Rio Grande Council of Governments (RGCOG) Comments and Responses

Comment #	Chapter/Section or Page # (if applicable)	Comment	Response
1	Ch 1, PDF page 22	Remove redundant references to NFIP participation of communities in Section 1.3 (both the text and table) since this information is duplicated later in Chapter 3	Section 1.3 (Chapter 1) and Section 3.1.1 (Chapter 3) have each been updated to improve clarity based on this comment.
2	Ch 2, PDF page 48	Add bold emphasis to critical facilities in Table 2.23 (Summary of Future Conditions Vulnerability – Critical Facilities) that are unique to the future conditions table and do not appear in Table 2.15 (Summary of Existing Conditions Vulnerability – Critical Facilities)	Emphasis has been added (using bolded text) to Table 2.23 to clarify differences between Table 2.15 and Table 2.23
3	Ch 2, PDF page 27	Add clarification explaining the method used to identify critical routes in Section 2.2.4	Additional clarification regarding the method used to identify critical routes has been added.
4	Ch 2, PDF page 44	Add clarification explaining the differences between the existing and future flood hazard areas shown in Table 2.20 Section 2.3.4	Additional clarification explaining the differences between existing and future flood hazard areas has been added.
5	Ch 3, PDF page 7	Confirm with City of El Paso or El Paso Water that the TFMA Higher Standards are reportedly correctly for City of El Paso	Edits have been made to Chapter 3, Section 3.1.1 to delete documentation of specific higher standards for City of El Paso, as the higher standards for City of El Paso that are listed in the Higher Standards Survey (TFMA, 2018) do not match the City of El Paso Drainage Design Manual (City of El Paso Engineering Department, 2008). El Paso Water has reviewed the relevant edits made to Chapter 3.
6	Ch 4 Appendix 4D, PDF page 35	General comment: If project is within the City of El Paso limits, just state the City of El Paso for “Affected Jurisdiction” and not El Paso County. If project affects unincorporated areas within El Paso County, then include El Paso County. If project affects both, then include both.	Edits have been made to the "Affected Jurisdictions" sections of Appendix 4D for multiple FMPs. FMPs which are entirely contained within incorporated city limits no longer list El Paso County as an affected jurisdiction.

Comment #	Chapter/Section or Page # (if applicable)	Comment	Response
7	Ch 9, Appendix 9B, Table 9B, PDF page 1	In Table 9B of Appendix 9B, change 50% match to 0% match in "Funding to be Financed by Sponsor" column for FMP ID: 143000009. This correction is based on clarification from Hudspeth County and Hudspeth County Conservation and Reclamation District 1 (HCCRD1), who confirmed there was a miscommunication in HCCRD1's response to the funding survey.	This correction has been made.
8	Ch. 9, PDF page 16 and Executive Summary, PDF page 21	After any potential changes occur to Sponsor Financing survey results in Table 9B of Appendix 9B, confirm/update statement in Section 9.2.2 of Chapter 9 and Section ES.9 of the Executive Summary which states that survey responses account for \$156.5 M in funding (97.6% of total implementation cost), and any other reported totals affected by potential changes to Table 9B.	Corrections were not needed to the data referenced in the comments. However, a review of the Appendix Table 9B compared to funding survey responses resulted in the following additional changes to Appendix Table 9B which were not associated with any other public comments: 1) Total Estimated Fixed Cost of FMP ID 143000003 changed from \$225,000 to \$224,000 to account for a rounding issue; 2) Unknown Funding Needed for FMP ID 143000005 changed from 80% to 100% due to a typo; 3) Unknown Funding Needed for FMP ID 143000021 changed from 0% to 45% due to misinterpreting a survey response in the draft RFP; 4) Funding to be Financed by Sponsor for FMP ID 143000021 changed from 100% to 55% due to misinterpreting a survey response in the draft RFP. The above changes resulted in the need to change the total estimated funding needed from \$153.8M (95.9%) to \$155.7M (97%) in the first paragraph of Section 9.3. There were no changes necessary to the Executive Summary.

Comment #	Chapter/Section or Page # (if applicable)	Comment	Response
9	Ch 4, Appendix 4A, PDF pages 5-6	Update "Table 4A. Potential Flood Management Evaluations Identified by RFGP" (in Appendix 4A of Chapter 4) to correct a copy/paste issue causing 10 of the data columns (all columns to the right of "Potential Funding Sources and Amount") to include data one row higher than they are supposed to be for all except the last three rows.	This correction has been made to Table 4A. This correction was not necessary in the FME geodatabase.
10	Ch 4, Appendix 4F, PDF page 15	In Appendix 4F (FMS Narratives), correct or delete an incomplete sentence at the end of the 1st paragraph of SOW section of FMS 142000006	The incomplete sentence has been edited.
11	Ch 4, Appendix 4B, PDF pages 13-14	In Appendix 4B (FME Narratives), the FME 141000006 narrative appears to be a duplicate of the FME 141000005 narrative. Insert the correct narrative for FME 141000006.	The narrative for FME 141000006 has been corrected in Appendix 4B (FME Narratives)
12	Ch 4, Appendix 4B, PDF pages 15-48	In Appendix 4B (FME Narratives), add a narrative for FME 141000008, which is missing.	A narrative for FME 141000008 has been added to Appendix 4B (FME Narratives).
13	Ch 4, Appendix 4B, PDF page 16, 18	In Appendix 4B (FME Narratives), the cost estimates for FME Nos. 141000010 and 141000012 do not match latest costs for the same FMEs in "Table 4A. Potential Flood Management Evaluations Identified by RFGP" from Appendix 4A.	In Appendix 4B, the FME Nos. 141000010 and 141000012 cost tables entitled, "Estimated Cost for FME" have been updated to match the latest cost estimates, which are consistent with Table 4A and the remainder of the RFP document.
14	Ch 2	Update the model coverage map and geodatabase to be consistent with the data included in the TDIS model upload tool's metadata files	The model coverage GDB and Map 22 (Availability of Existing Hydrologic and Hydraulic Models Needed to Evaluate FMSs and FMPs) has been updated to match the data uploaded to the TDIS model upload tool
15	Ch 1, PDF page 3	Replace table references in Chapter 1 Table of Contents (they are currently showing Figure references instead)	Table references in the Chapter 1 Table of Contents have been corrected.
16	Ch 1, PDF page 3	Rename Figures 1.5 and Figure 1.6 to distinguish between the two figures	The figures have been renamed and the table of contents has been updated.

The following table of Chapter 8 recommendations was received from the U.S. Army Corps of Engineers (USACE) as a comment on the Draft RFP (in addition, the same table was provided to other planning groups across the state for reference). A response for Region 14 follows **Appendix Table 10E.2** below.

**Appendix Table 10E.2: USACE Recommendations**

#	Recommendations	Comments
<b>Legislative Recommendations</b>		
1	Non regulatory regional flood control or drainage districts should be established and funded for rapidly growing urban areas such as DFW, Houston, San Antonio, etc. Responsibility would be to provide consistency, technical resources, funding and reviews in support of FME's, FMS's. These organizations would also implement or support implementation of FMP's. These organizations would augment communities and counties that just don't have the resources and expertise to manage flooding.	Rapidly developing areas surrounding larger urban centers are at greater risk of having runoff patterns increasing because of development. These urban areas are comprised of many communities and unincorporated county areas. Many of the smaller communities are not funded or resourced to deal with the complexities of floodplain management and therefore there is a lack of or inconsistencies in floodplain management practices.
2	Clarify the early 2000's state legislation that provide counties the authority to regulate floodplains to explicitly allow and encourage activities associated with floodplain management such as development of land use plans, regulatory authorities, e.g. permitting.	Although state legislation was passed in the early 2000's which gave counties the ability to regulate floodplains, interpretation of these regulations varies widely from county to county. The legislative bill lacks implementation guidance in the form of administrative rules. If development is occurring in unincorporated areas, this development can dynamically impact flood risk.
<b>Regulatory Recommendations</b>		
3	Require the use of n-values and channel conditions which would likely result if the channel or project were not maintained. Exceptions would be golf courses or other areas where an organization exists which would maintain the channel in perpetuity. Disallow maintenance by marginal organizations such as home owners associations to justify acceptance of lower n-values as this is an unrealistic expectation.	When channels are constructed, most often channel bed, banks and overbanks are cleared; however; with many miles of these channels, it is often difficult for communities to maintain those beds, banks and overbanks at their design conditions. Generally, there is a lack of channel maintenance to ensure flood conveyance areas, established as part of a development or improvement projects, to retain their design level n-values. This results in unexpected changes in channel conveyance and increased flooding. Channel maintenance is very expensive activity that can trigger environmental permitting requirements.

#	Recommendations	Comments
4	No loss of valley storage to the 500-year level. Communities could allow redistribution of valley storage to allow interactions with natural areas but no loss of storage.	Land development in upstream areas increases runoff in downstream areas. This happens because of increased impervious cover and decreased tree cover, and therefore less ability to absorb rainfall. Additionally, development, in most communities, encroaches into riparian areas and decreases the amount of storage available to accommodate flood waters. Just the main thread of the Trinity River though DFW stores more flood waters during of flood than any three of the USACE reservoirs that provide flood protection for DFW. The many other streams provide even more storage than the main stem. There is limited capacity in rivers and streams to convey floodwaters. This means that all areas above any given conveyance point have to store flood water until sufficient time has lapsed to pass the water away from the impacted area. The streams are where this water is stored and depleting these storage areas will impact DS areas.
5	Establish future land use plans for unincorporated areas associated with rapidly growing urban areas.	"
6	Use of ultimate development land use conditions in the development of future flows. Require use of future flows for regulation of floodplains and development of FMP's.	"
<b>State Flood Planning Recommendations</b>		
7	Encourage storm shifting to validate 100-yr estimates and to provide a broader understanding of communities actual flood risk Storms identified and cataloged as part of the GLO funded USACE led Texas Storm Study could be the primary source of storms to be shifted.	Notes: Great deal of uncertainty in 100-yr estimates. Use of observed storms that approximately match depth duration data from NOAA Atlas 14 or other precipitation frequency sources validates 100-yr estimates. Additionally wet, dry and average conditions as well as conditions at the time the storm occurred can be presented. Additionally, communities have and can experience storms that exceed the 100-yr. While not regulatory, this information will provide additional hazard mitigation data so communities can address critical infrastructure impacts and be better prepared.
8	Add detail to Watershed Hydrology Assessments (WHA) for communities within basins with completed WHA's. The WHA for the Trinity has been completed.	The WHA's, funded by FEMA, are considered the best available flood flow frequency estimates, e.g. 100-yr. These estimates consider the latest precipitation frequencies, the variations in watershed response and determine critical flood drivers by employing a wide range of sensitivity analysis for each computation point.
9	Update WHA's when future precipitation frequency estimates become available. Efforts to develop future precipitation frequency estimates for Texas are starting.	-
10	Establish regional efforts, for large urban centers to develop future land use data for all developing areas, not just incorporated areas, for use in developing future flood flow frequency estimates and future 100-yr (and other recurrence interval) hazard boundaries.	-



**Response to USACE Comments:**

USACE has provided comments on Flood Plan Recommendations in the Trinity River Regional Flood Plan (RFP) and made a general statement that these comments should be considered as potentially applicable to similar recommendations in other Texas RFPs. Two of these comments appear particularly relevant to the Upper Rio Grande RFP (URGRFP). Comments #7 and #8 from **Appendix Table 10E.2**, including in particular the phrases from the “Comments” column quoted below, appear particularly relevant to the Upper Rio Grande RFP (URGRFP):

- *“Use of observed storms that approximately match depth duration data from NOAA Atlas 14 or other precipitation frequency sources validates 100-yr estimates.”* and
- *“These estimates consider the latest precipitation frequencies, the variations in watershed response and determine critical flood drivers by employing a wide range of sensitivity analysis for each computation point.”*

There is an ongoing USIBWC project updating hydrologic and hydraulic modeling of the Rio Grande between Caballo Dam (in New Mexico) and American Dam (in El Paso, Texas). The USACE comments provided above suggesting “use of observed storms” and “employing a wide range of sensitivity analysis” will be cited as part of the review of the revised USIBWC Rio Grande models included in the Scope of Work for Flood Management Evaluation 141000001 (FME1): “Develop a plan for a Sediment and Vegetation Control Program in the Rio Grande at El Paso”.

These comments will also be considered for application in refined scoping and execution of numerous proposed FMEs in the URGRFP that include development of hydrologic and hydraulic models for defining flood risk. These comments are particularly relevant to the development of storm water master plans, the focus of FME10 (City of Pecos), FME21 (City of Kermit), FME23 (City of Alpine), FME26 (Monahans/ Southwest Sandhill), and FME33 (City of Socorro).

The following comments were received by the RFPG from Phillip Newberry on 9/15/22 and 9/16/22:

*9/15/22 10:51 PM Hi I am wondering if I can see a map of the area or any maps and information you have so that I can offer a suggestion. My dad's an engineer and I'm a bit creative myself.*

*9/15 10:57PM Depending on the geography of the area you're talking about, and the direction of the flow of water, I might be able to help with the idea. If I had to guess off the top of my head, I would imagine that redirecting water is going to be your best bet because although the ground absorbs water very well, it becomes saturated very quickly. So if I had to take a guess, you're going to want to divert water. I'd guess you would divert the water based on geography to save costs. If you can divert flowing water you don't have to move it anywhere.*

*9/15 10:58 PM You're going to want to break your area up into geographic regions based on water flow, and go from there.*

*9/16 9:06 AM Make the pharmaceutical industries do the research on how to get everything out.*

*9/16 9:13 AM Hold them accountable under international law. Human rights.*

*9/16 9:18 AM There's something in there about poisoning people or mass population control or something.*

*9/16 9:40 AM Nikola tesla had the greatest ideas. Smartest guy ever. Didn't care enough about money though. I won't make the same mistake. So help me and I help you lmao. Just a little credit. Throw my name on there somewhere.*

*9/16 9:59 AM I'm gunna patent that if I can. Poor mans patent. Lol.*

**URGRFPG Response – The provided comments lack specificity and relevancy to the RFP to take action or incorporate them as changes to the RFP. Maps of estimated flood risk by geography along with potential flood risk solutions are provided with RFP Chapters 2 and 4.**