

LOWER RIO GRANDE REGIONAL FLOOD PLANNING GROUP

*Pre-Planning Meeting – Virtual Meeting
Agenda Item 6*

August 18, 2021



AGENDA

- Region 15
- Regional Flood Planning Group Members and Planning Team
- Roles and Responsibilities
- Scope of Work
- Comments



REGION 15 – LOWER RIO GRANDE FLOOD PLANNING REGION



REGION 15 – LOWER RIO GRANDE

Counties Represented:

Brooks*

Cameron

Dimmit*

Edwards*

Hidalgo

Jim Hogg*

Kenedy*

Kinney*

Maverick*

Starr

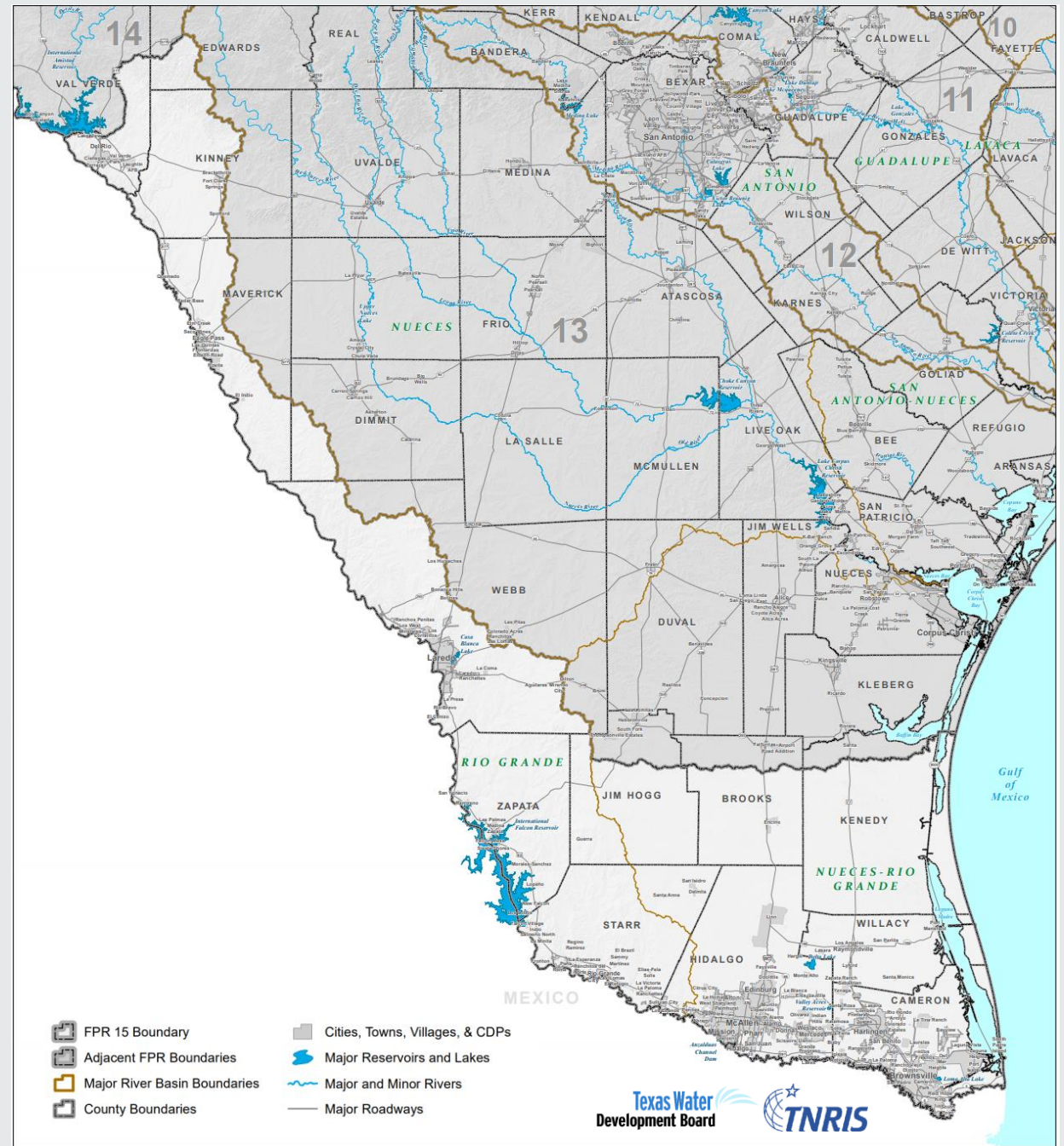
Val Verde

Webb*

Willacy

Zapata

** denotes partially included*





REGION 15 – LOWER RIO GRANDE

Population Estimate (2019):

936,558

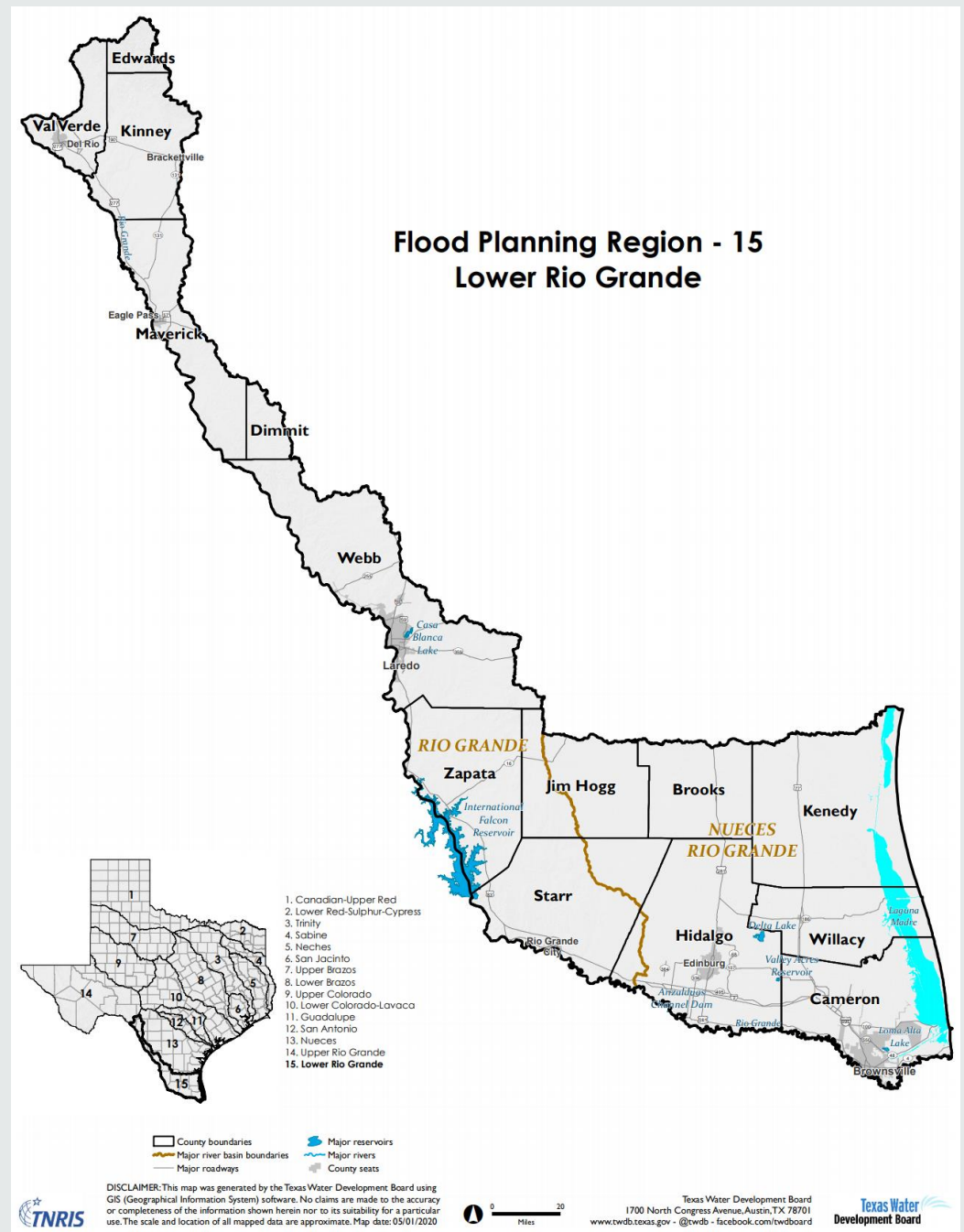
Approx. Area:

43,204 Sq. Miles

Approx. Stream Miles:

5,300

FEMA Flood Claims: \$197.7 Million (from 1984 - Jan 2021)





**REGIONAL FLOOD
PLANNING GROUP
(RFPG)
MEMBERS &
PLANNING TEAM**



REGIONAL FLOOD PLANNING GROUP MEMBERS (Voting)

Name	Interest Category	Entity
Jose Hinojosa	Agricultural	Santa Cruz Irrigation District No. 15
David A. Garza	Counties	Cameron County
Raul Pena Jr.	Counties	Starr County
Eduardo Gonzalez	Counties	Willacy County
Daniel Lucio	Electric Generating Utilities	AEP Texas
Hudson DeYoe	Environmental	University of Texas Rio Grande Valley
Alan Moore	Flood Districts	Cameron County Drainage District No. 5
David L. Fuentes	Flood Districts	Hidalgo County Drainage District No. 1
Joey Trevino	Industries	Rio Grande Valley Chapter of Associated General Contractors of America
Vanessa Rosales-Herrera	Municipalities	City of Eagle Pass
Joe Califa	Public	Self
Jose Caso	Small Business	Caso Law Firm, PLLC
Sonia Lambert	Water Districts	Cameron County Irrigation District #2
Riazul Mia	Water Utilities	City of Laredo



REGIONAL FLOOD PLANNING GROUP MEMBERS (Non-voting)

Name	Title	Entity
Megan Ingram	Regional Flood Planner	Texas Water Development Board
Ramon Macias III	Principal Engineer	IBWC, US Section
Shonda Mace	Planner	General Land Office
Willy Cupit	Natural Resources Specialist	Texas Parks and Wildlife Department
Lupita Trinidad- Ramos	Homeland Security Planner III	South Texas Development Council
Tim Frere	Hazard Mitigation Planner	Texas Department of Emergency Management
Nelda Barrera	Field Representative	Texas Department of Agriculture
Adrian Perez	Field Representative	Texas State Soil and Water Conservation Board
Manny Cruz	Executive Director	Lower Rio Grande Development Council
David Ramirez	Area Director – Border & Permian Basin	Texas Commission on Environmental Quality



REGIONAL FLOOD PLANNING GROUP SPONSOR



Hidalgo County
Drainage District
No. 1

Texas Water 
Development Board



TECHNICAL CONSULTANT





STAKEHOLDERS

- Counties
- Cities
- Flood Control Districts
- Drainage Districts
- Irrigation Districts

Anyone with flood mitigation authority and responsibilities



ROLES AND RESPONSIBILITIES



ROLES AND RESPONSIBILITIES

Regional Flood Planning Group

- Adopt and submit the Regional Flood Plan by January 10, 2023
- Prepare for and participate in regular meetings and workshops
- Solicit and consider public and stakeholder input
- Determine Region 15's Floodplain Management Goals
- Approve the identification process for FMEs, FMSs, and FMPs
- Review and provide feedback on consultant deliverables (technical memo, the draft plan, and final plan)





ROLES AND RESPONSIBILITIES

Sponsor and Technical Consultant

Hidalgo County Drainage District No. 1

- Administrative agent for the Region 15 Regional Flood Planning Group (RFPG)
- Procure and manage the efforts of the technical consultant
- Support the planning process
- Responsible for preparing and submitting the grant funding application to TWDB on behalf of the Region 15 RFPG
- Grant manager for TWDB funding

Halff Team

- Perform the data collection
- Facilitate outreach activities and public engagement meetings
- Facilitate goal setting discussions
- Evaluate, analyze, map, identify, recommend and/or list flood risk, floodplain management practices, FMEs, FMSs, FMPs, and their impacts
- Propose and implement an identification process for FMEs, FMSs, and FMPs
- Develop the technical memorandum, the draft plan, and the final plan



ROLES AND RESPONSIBILITIES

Public and Stakeholders

- Provide historical, asset, and policy data
- Participate in outreach activities and public engagement meetings
- Inform RFPG of issues and concerns
- Provide input and recommendations to RFPG to consider
- Review and comment on Draft Regional Flood Plan





ROLES AND RESPONSIBILITIES

Public and Stakeholders

- Provide historical, asset, and policy data
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- Inform RFPG of issues and concerns
- Provide input and recommendations to RFPG to consider
- Review and comment on Draft Regional Flood Plan
- After adoption – responsible for implementation of the plan.





SCOPE OF WORK



REGIONAL FLOOD PLAN

Scope of Work & Schedule

2021								2022								2023				
Jun	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb
I. Risk Assessment and Mitigation Management								II. Regional Flood Plan Development								III. Plan Adoption				
START	Flood Risk Assessment <ul style="list-style-type: none"> • T1: Planning Area Description • T2A: Existing Conditions Flood Risk Analysis • T2B: Future Conditions Flood Risk Analysis 							TECHNICAL MEMO DUE JAN 7, 2022												
	Floodplain Management Practices & Goals <ul style="list-style-type: none"> • T3A: Evaluation & Recommendations on Floodplain Management Practices • T3B: Flood Mitigation & Floodplain Management Goals 																			
	Identification of Needs Floodplain Management Practices & Goals <ul style="list-style-type: none"> • T4A: Flood Mitigation Needs Analysis • T4B: Identification and Evaluation of Potential FMEs and Potentially Feasible FMSs and FMPs • T4C: Prepare and Submit Technical Memo 																			
							Regional Flood Planning Evaluation, Strategies & Projects <ul style="list-style-type: none"> • T5: Recommendation of FMEs, FMSs & FMPs • T6A: Impacts of Regional Flood Plan • T6B: Impacts on Water Supply 													
							Regional Flood Planning Flood Preparedness, Policy & Finance <ul style="list-style-type: none"> • T7: Flood Response Information and Activities • T8: Administrative, Regulatory, and Legislative Recommendations • T9: Flood Infrastructure Financing Analysis 													
														<i>Pre-Draft Review</i>						
																FINAL PLAN DELIVERY DUE JAN 10, 2023				



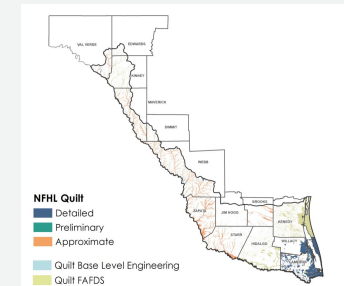
REGIONAL FLOOD PLAN

What will we deliver?

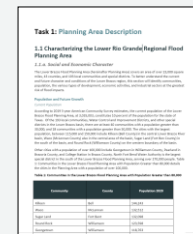
PROJECT GOALS

- Meet all the TWDB requirements
- Compile all available data
- Identify existing and future flood risks
- Evaluate existing flood management practices
- Recommend Flood Mgmt Evaluations, Flood Mgmt Strategies and Flood Mitigation Projects
- Establish a solid foundation for future planning cycles (5- year cycles)
- Deliver: Maps, GIS database, Tech. Memo & Regional Flood Plan

DELIVERABLES



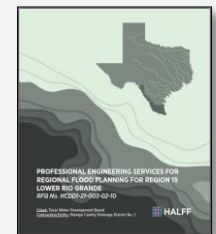
Maps and GIS databases



Technical Memorandum



Draft Regional Flood Plan



Final Regional Flood Plan



REGIONAL FLOOD PLAN

What can we expect from this effort?

Will not solve flooding, but...

- Will help mitigate existing flooding in the future
- Should reduce future flooding





REGIONAL FLOOD PLAN

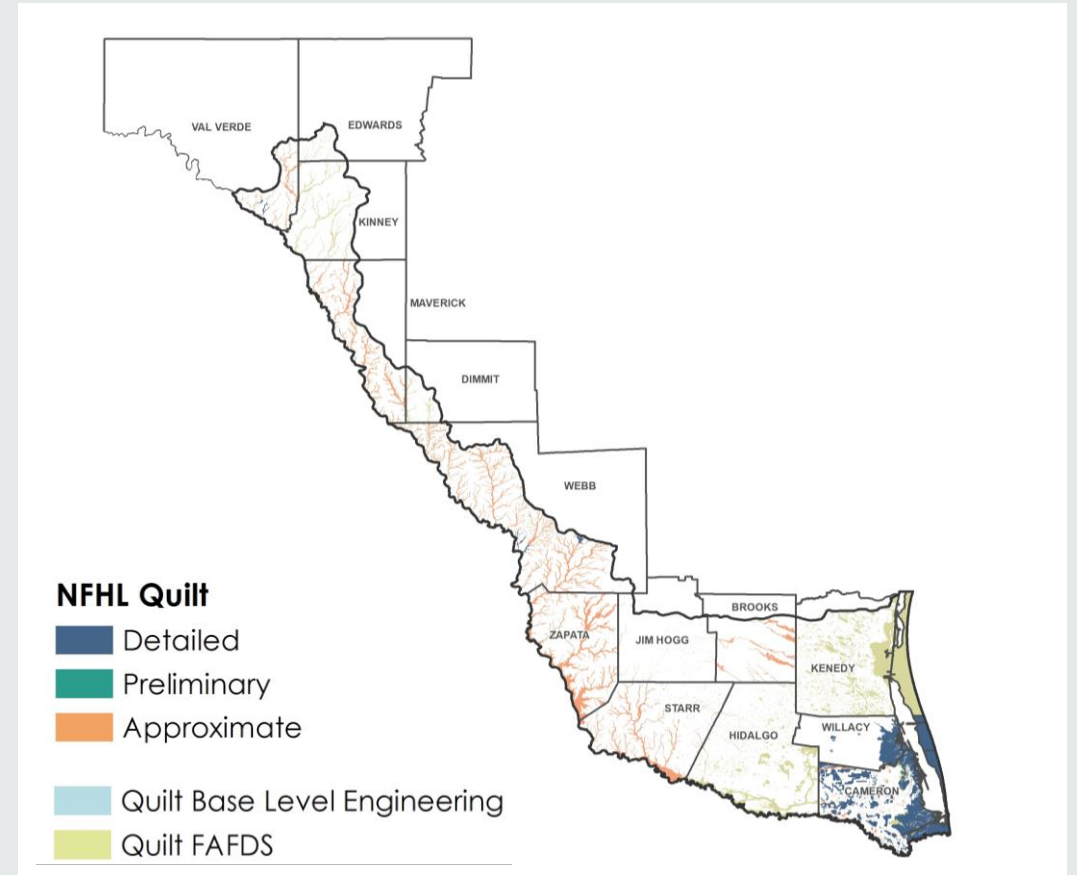
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- In one place for the region
- No new floodplain modeling is expected





REGIONAL FLOOD PLAN

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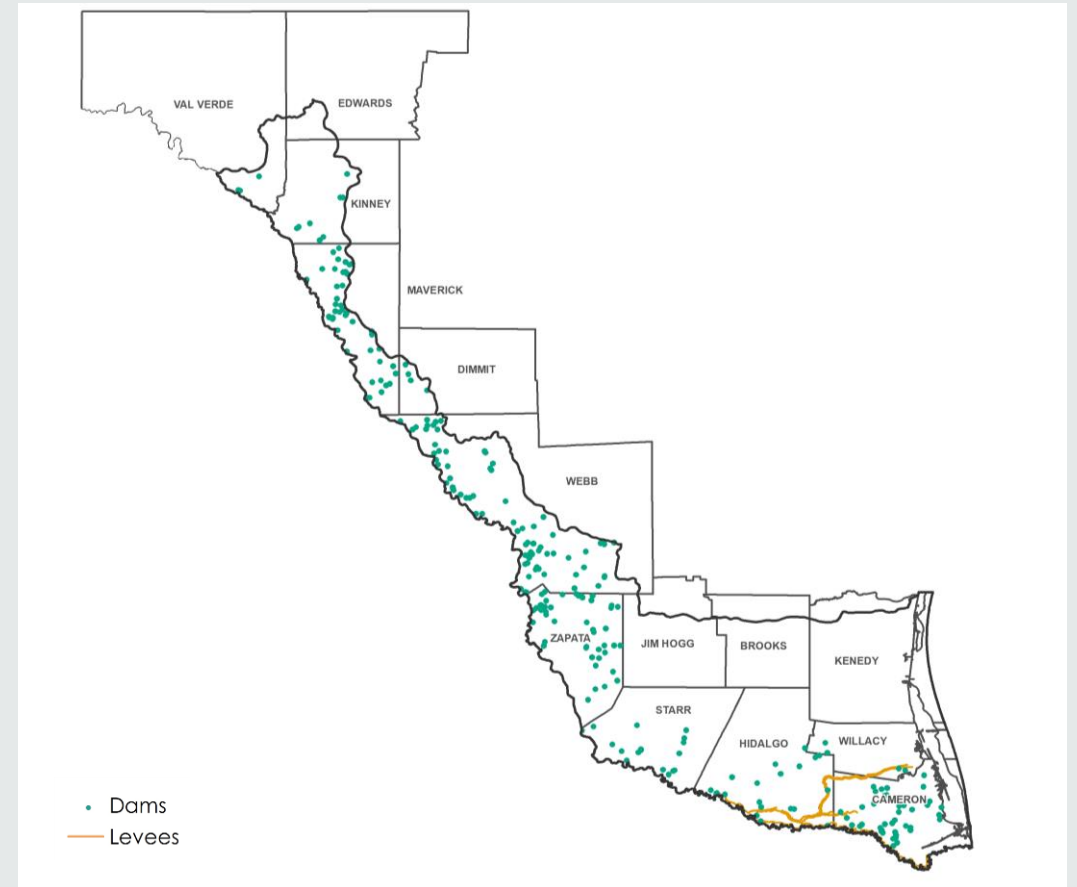
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REGIONAL FLOOD PLAN

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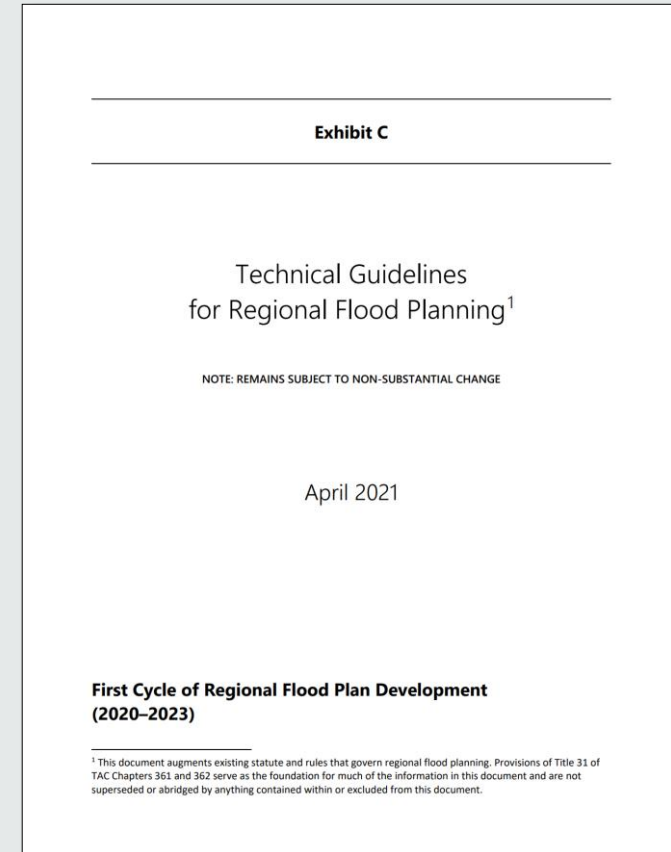
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Requires region-wide participation...

- Limited budget and time

Likely outcome...

- Many “apparent” flood problems requiring further study (FMEs)
- Few Flood Mitigation Projects (FMPs) meeting criteria





COMMENTS

PUBLIC COMMENT

3 WAYS TO COMMENT

- 1. Limit any comments to 3 minutes each at any RFPG meeting**
- 2. Provide written comments to: Jaime.Salazar@hcdd1.org. Include Region 15 in the subject line.**
- 3. www.region15lrg.org – Public Comments Page**



YOUR INPUT IS
IMPORTANT.