

Sabine Regional Flood Planning Group Meeting
Sabine River Authority Main Office, Orange TX
January 19, 2022
9:00 AM

NOTE: This meeting will be conducted in person and via Zoom

<https://zoom.us/j/6418597377?pwd=a2svTVhpbzJML1h3M3Y3SXVHaWV5QT09>

Location: Meeting will be held at the Sabine River Authority of Texas, Main Office, Hwy 87 N, Orange, TX 77632.

If you wish to provide written comments prior to or after the meeting, please email your comments to comments@sabine-rfpg.org and include "Region 4. Sabine River Flood Planning Group Meeting" in the subject line of the email.

This meeting is a public meeting under Chapter 551 of the Texas Government Code.

If you choose to participate in the meeting using the conference call number below, please be prepared to identify yourself. So, we can record your attendance. Telephone conference call phone number:

Phone Number:	+1 346 248 7799
Meeting Number:	641 859 7377
Access Code:	857302.

Additional information may be obtained from:

Mark Howard
RMPD Division Manager
Sabine River Authority of Texas
12777 Hwy 87 N.
Orange, Texas 77632
(409) 746-2192
mhoward@sratx.org.

Sabine RFPG meeting

Sabine River Authority, Orange, TX

**January 19, 2022 – 9:00 AM
AGENDA**

1. Call to Order.

Presenter: Johnny Trahan, Chair

2. Roll Call.

Presenter: Jim Brown for Jeff Rogers, Secretary

3. Welcome, Meeting Facilitation Information, and Instructions.

Presenter: Johnny Trahan, Chair

4. Receive public comments (public comments limited to 3 minutes per speaker).

Presenter: Johnny Trahan, Chair

5. Discussion and Approval of minutes from the previous Region 4 Sabine RFPG meeting held December 16, 2021.

Presenter: Johnny Trahan, Chair

6. Update from Chair.

Presenter: Johnny Trahan, Chair

7. Election of Officers:

- Nominations for Chair by voting members
- Discussion and potential action to elect Chair
- Nominations for Vice Chair by voting members
- Discussion and potential action to elect Vice Chair
- Nominations for Secretary by voting members
- Discussion and potential action to elect Secretary

8. Election of Executive Committee members-at-large:

- Discussion and potential action to elect two Executive Committee members-at-large.

9. Update from the Texas Water Development Board

Presenter: Ryke Moore

10. Region 5. Neches RFPG Report.

Presenter: Don Carona

11. Update from Technical Consultant, Freese and Nichols.

- Presentation from technical consultant.

Presenter: Mat Leclair / Mike Reedy

12. Consider date and agenda items for next meeting.

Presenter: Chair

13. Adjourn.

Presenter: Chair

AGENDA ITEM 1: CALL TO ORDER

PRESENTED BY: JOHNNY TRAHAN, CHAIR

Chair Johnny Trahan will call the meeting to order.

Time: _____

RECOMMENDED ACTION

No action required.

AGENDA ITEM 2: ROLL CALL

PRESENTED BY: JEFF ROGERS, SECRETARY

SUPPORTING INFORMATION

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (V-Virtual, P-Physical)/ Absent () / Alternate Present (*)</u>
James (Bill) Bruce	<i>Agricultural interests</i>	
Johnny Trahan	<i>Counties</i>	
Francis X. Shannon	<i>Electric generating utilities</i>	
Clyde V. "Tad" McKee III	<i>Environmental interests</i>	
Don Carona	<i>Flood districts</i>	
Nikki Davis	<i>Industries</i>	
Alton Bradley	<i>Municipalities</i>	
Michelle Falgout	<i>Public</i>	
Travis Williams	<i>River authorities</i>	
Jeff Rogers	<i>Small business</i>	
Roman D. Griffin	<i>Water districts</i>	
Ross Gordon	<i>Water utilities</i>	

<u>Non-voting Member</u>	<u>Agency</u>	<u>Present (V-Virtual, P-Physical)/ Absent () / Alternate Present (*)</u>
Colleen Jones	General Land Office (GLO)	
Kathy Saucedo	Texas Commission on Environmental Quality (TCEQ)	
Manuel Martinez	Texas Department of Agriculture (TDA)	
Andrea Sanders	Texas Division of Emergency Management (TDEM)	
Robert (Bob) Baker	Texas Parks and Wildlife Department (TPWD)	
Trey Watson	Texas State Soil and Water Conservation Board (TSSWCB)	
Ryke Moore	Texas Water Development Board (TWDB)	

RECOMMENDED ACTION

Number of voting members or alternates present. _____

Seven voting members are required for a quorum.

Quorum is present, Yes, or No?

**AGENDA ITEM 3: WELCOME, MEETING FACILITATION
INFORMATION, AND INSTRUCTIONS**

PRESENTED BY: JOHNNY TRAHAN, CHAIR

RECOMMENDED ACTION

No action required.

AGENDA ITEM 4: PUBLIC COMMENTS

PRESENTED BY: JOHNNY TRAHAN, CHAIR

SUPPORTING INFORMATION

Receive public comments (public comments limited to 3 minutes per speaker)

RECOMMENDED ACTION

No action required.

AGENDA ITEM 5: DISCUSSION AND APPROVAL OF MINUTES

PRESENTED BY: JOHNNY TRAHAN, CHAIR

SUPPORTING INFORMATION

Discussion and approval of minutes from the previous Region 4 Sabine RFPG meeting held December 16, 2021.

RECOMMENDED ACTION

Discuss and approve minutes.

MOTION: _____ SECOND: _____ APPROVED: _____

AGENDA ITEM 6: UPDATE FROM CHAIR.

PRESENTED BY: JOHNNY TRAHAN, CHAIR

SUPPORTING INFORMATION

RECOMMENDED ACTION

No action required.

AGENDA ITEM 7: ELECTION OF OFFICERS

PRESENTED BY: JOHNNY TRAHAN, CHAIR

SUPPORTING INFORMATION

By Laws:

ARTICLE VII. Officers

Section 1 Officers, Restrictions, and Terms of Office

Voting members of the Region 4 Sabine RFPG shall select from the voting membership a Chair, Vice Chair, and Secretary to serve as officers. Each officer shall serve a term of one calendar year. No two voting members representing the same interest shall serve as officers at the same time. Elections shall be held annually, with no restrictions on the number of consecutive terms an individual may serve as an officer other than those that apply because of his or her status as a voting member under these bylaws.

Section 2 Selection

(b) Regular Officers. Regular officers shall be selected at the first meeting of each calendar year after the calendar year in which these bylaws were adopted. Nominations shall be made from the floor by voting members. The voting members shall select officers from among the nominees by consensus, but not less than agreement of a majority of the voting members present.

RECOMMENDED ACTION

Nominations for Chair:

Votes:

Result: _____ is elected as Chair.

Nominations for Vice Chair:

Votes:

Result: _____ is elected as Vice Chair.

Nominations for Secretary

Votes:

Result: _____ is elected as Secretary.

AGENDA ITEM 8: ELECTION OF EXECUTIVE COMMITTEE MEMBERS-AT-LARGE.

PRESENTED BY: CHAIR

SUPPORTING INFORMATION

ARTICLE VIII. Officers

Section 6 Executive Committee

The Executive Committee shall be composed of five Region 4 Sabine RFPG members, including the Chair, Vice Chair, Secretary, and two voting members-at-large. No two voting members representing the same interest shall serve as members of the Executive Committee at the same time. The two members-at-large shall be selected annually in the same manner and with the same terms as set forth for the selection of officers under this Article. Members-at-large shall be removed and their vacancies filled in the manner prescribed for officers under this Article.

The Executive Committee shall be responsible for carrying out the duties imposed on it in these bylaws. The voting members of the Region 4 Sabine RFPG may delegate administrative decisions to the Executive Committee unless provided otherwise in these bylaws.

RECOMMENDED ACTION

Nominations for Executive Committee members-at-large Votes:

Result: _____ & _____ are elected as Executive Committee members-at-large.

**AGENDA ITEM 9: UPDATE FROM THE TEXAS
WATER DEVELOPMENT BOARD.**

PRESENTED BY: RYKE MOORE, TWDB

SUPPORTING INFORMATION

RECOMMENDED ACTION

No action required.

**AGENDA ITEM 10: REGION 5. NECHES RFPG
REPORT.**

PRESENTED BY: DON CARONA

SUPPORTING INFORMATION

RECOMMENDED ACTION

No action required.

AGENDA ITEM 11: UPDATE FROM TECHNICAL CONSULTANT, FREESE AND NICHOLS.

PRESENTED BY: MAT LECLAIR, MIKE REEDY

SUPPORTING INFORMATION

- Presentation from technical consultant.
-


No Action Required.



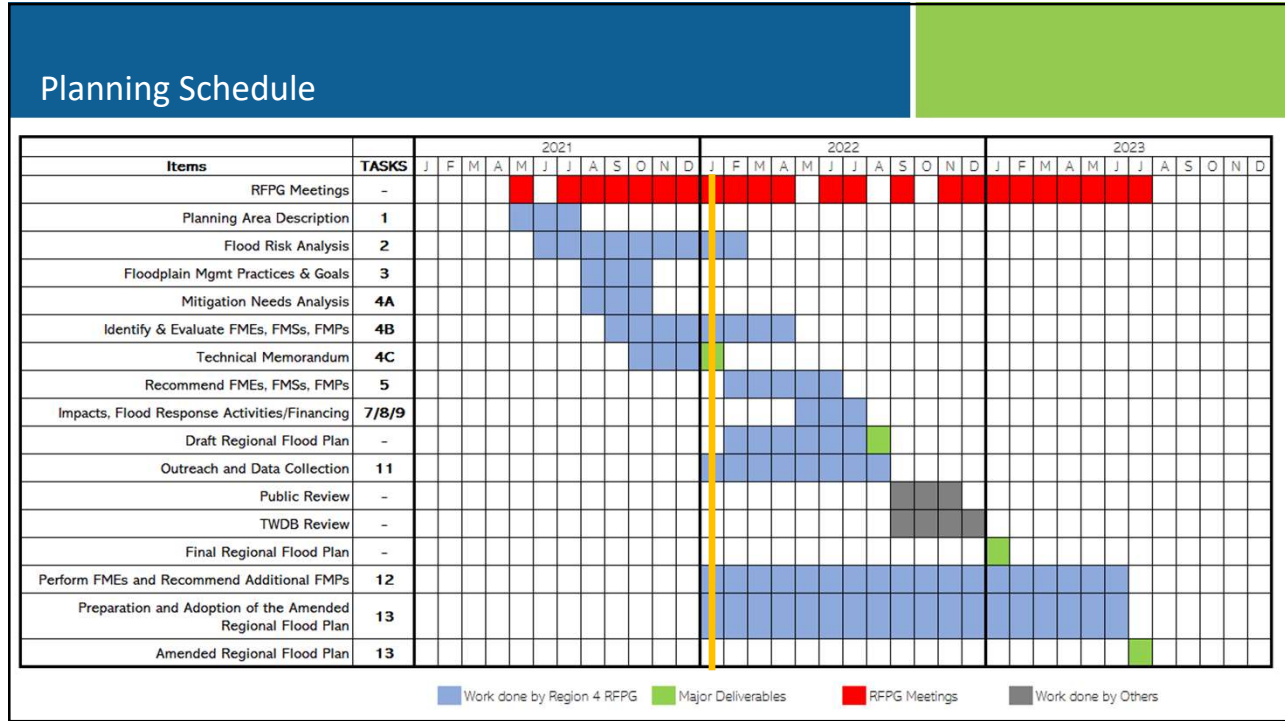
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Regional Flood Plan Updates

- Planning Schedule
- Extended Tech Memo
- Existing Flood Hazard Conditions
- Future Flood Hazard Conditions
- Actions Items



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Task 4C – Extended Tech Memo

- **Written Deliverables**
 - Map of Existing 100 YR Flood Hazard Areas
 - Map of Existing 500 YR Flood Hazard Areas
 - Map of Future 100 YR Flood Hazard Areas
 - Map of Future 500 YR Flood Hazard Areas
 - Map of Existing H&H Models

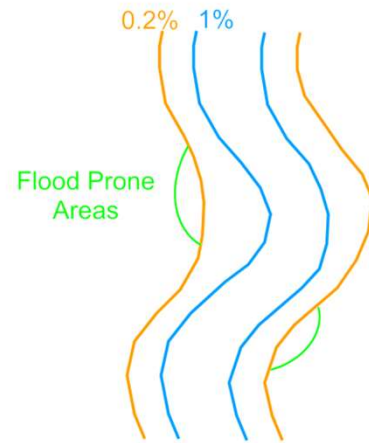
- **Spatial Deliverables**
 - Flood Mapping Gaps
 - Existing Flood Hazard
 - Existing Flood Exposure
 - Future Flood Hazard
 - Future Flood Exposure

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Task 2A – Existing Flood Hazard Conditions

- Existing Conditions 100 YR
 - Provided by TWDB Flood Plain Quilt
- Existing Conditions 500YR
 - Limited Area Provided in Flood Plain Quilt
- Existing Flood Prone Areas
 - Public Comments

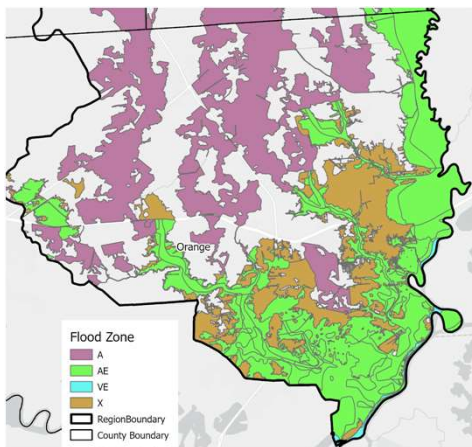
Existing Condition



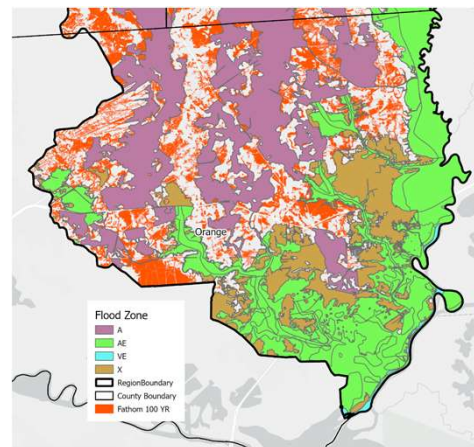
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Fathom Comparison – Orange County

FEMA Effective Zones AE & X



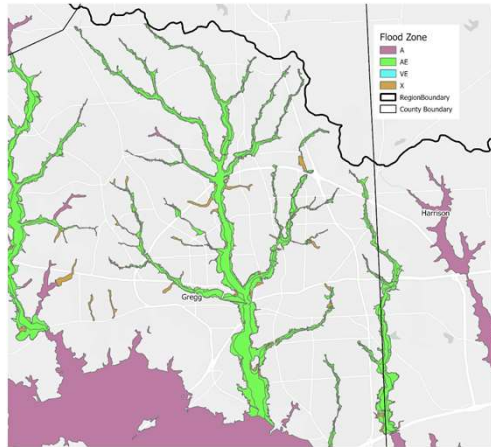
Fathom 100 YR Outside of FEMA Effective



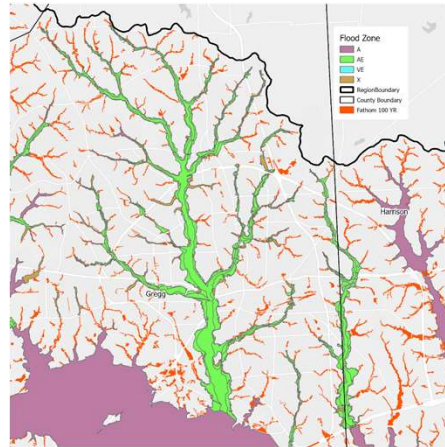
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Fathom Comparison – Longview

FEMA Effective Zones AE & X



Fathom 100 YR with FEMA Effective



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Flood Hazard Mapping Approach

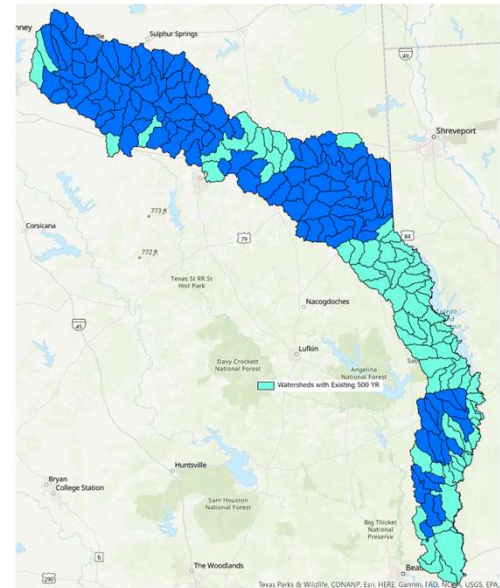
- Fathom extents are much larger than relatively recent detailed FEMA Mapping
- Many instances where the Fathom mapping did not resemble expected flooding patterns
- Atlas 14 (incorporated into Fathom) is being handled in future conditions.
- Not anticipating exclusion of Fathom to be a hindrance. Future funding/projects should be based on project benefit/cost ratio.

	Best Available				Most Approximate			
	NFHL Zone AE		BLE		NFHL Zone A/ FAFDS		Fathom	
	100 YR	500 YR	100 YR	500 YR	100 YR	500 YR	100 YR	500 YR
Existing Conditions	TWDB Quilt As Provided	TWDB Quilt As Provided	TWDB Quilt As Provided	TWDB Quilt As Provided	TWDB Quilt As Provided	Floodplain Gap	Floodplain Gap	Floodplain Gap
Future Conditions	Existing 500 YR	Existing 500 YR + Horizontal Buffer	Existing 500 YR	Existing 500 YR + Vertical Delta	Floodplain Gap	Floodplain Gap	Floodplain Gap	Floodplain Gap

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Inadequate Mapping (Floodplain Gaps)

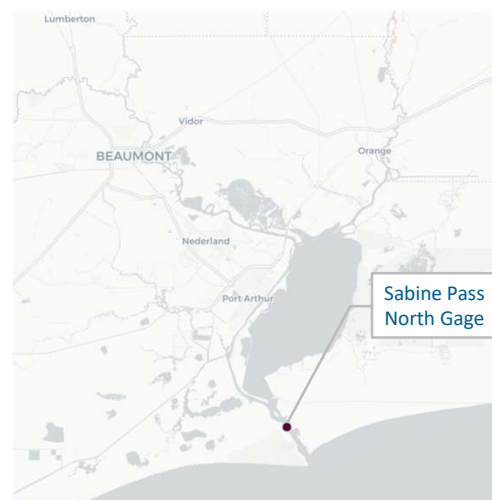
- Watersheds without Detailed Study (blue)
 - Future Conditions cannot be determined
- Effective Date of FIRMs will also be reviewed



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Task 2B – Future Flood Hazard Areas (Coastal)

- Relative Sea Level (RSL) Factors
 - Historical Observations
 - Rapid Ice Melt in Greenland and Antarctica
 - Future Greenhouse-Gas Emissions
 - Associated Ocean-Atmosphere Warming
- USGS and USACE Scenarios being considered
- Internal discussions at FNI are being held to better evaluate considerations for coastal floodplains



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Task 2B – Future Conditions

- This task is intended to identify and compile a comprehensive outlook of future condition flood hazards in the region.
- “No-action” scenario for 30 years of continued trends, climate patterns, and current regulations
 - Continued population growth
 - Continued development increase
 - Current floodplain management regulations/policy
 - Future rainfall patterns
 - Anticipated land changes
 - Completion of currently-planned flood mitigation projects by 2050



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Task 2B – Future Conditions Factors

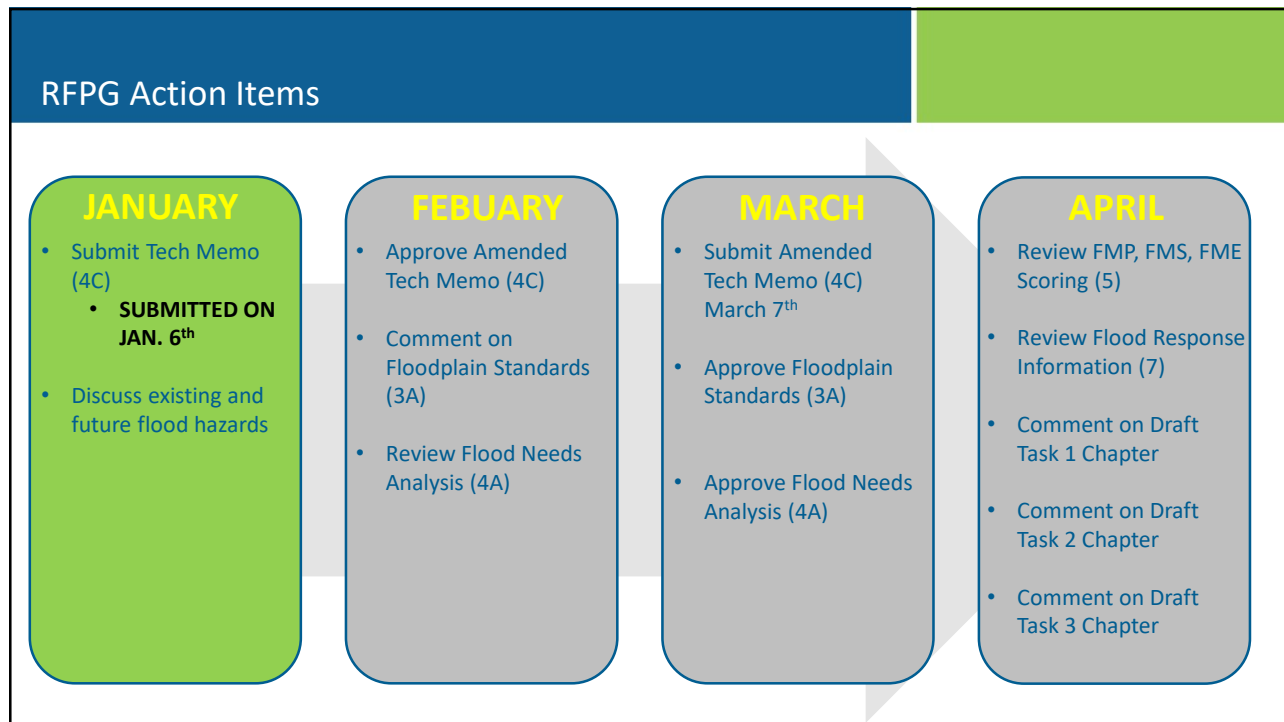
Encourage Development

- Near Interstates
- Near Highways (US, SH)
- Near Major Roads (FM)
- Within City Limits
- Near Areas of Recent Growth
- Near Existing Development

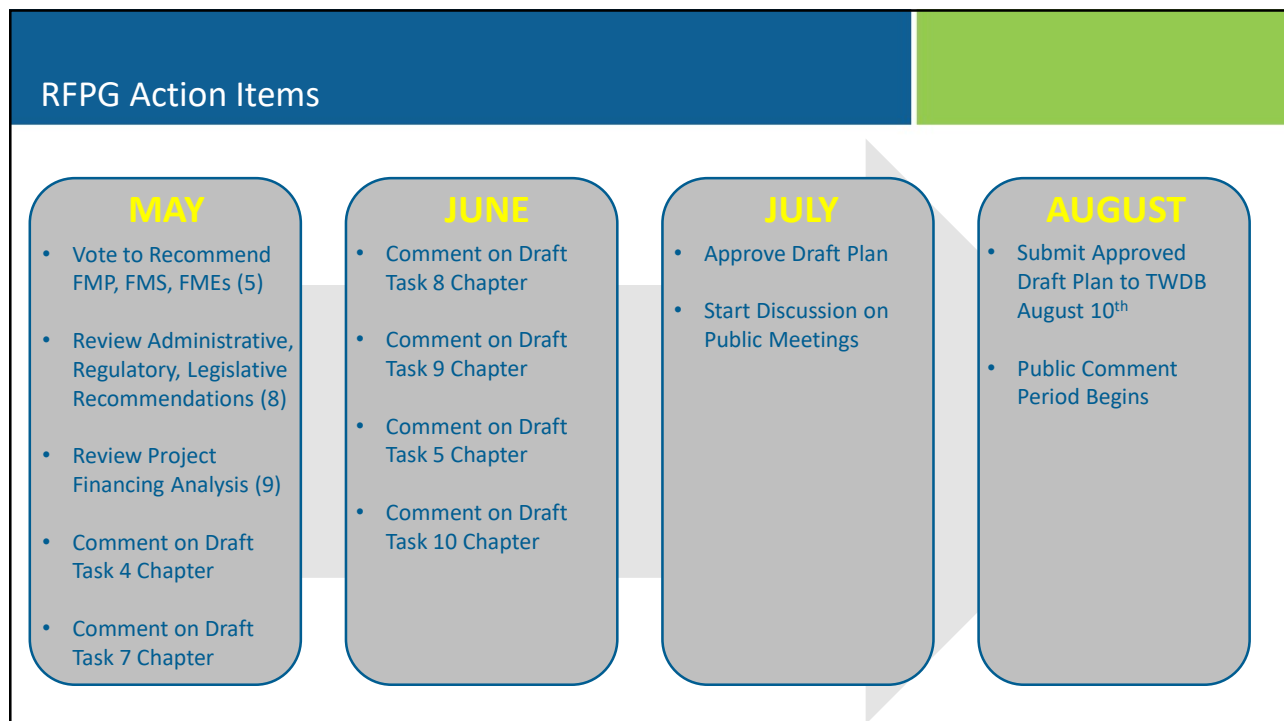
Discourage Development

- Contains Wetlands
- Within 100 YR Floodplain
- Within 500 YR Floodplain

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Discussion / Questions



**AGENDA ITEM 12: CONSIDER DATE AND AGENDA
ITEMS FOR NEXT MEETING.**

PRESENTED BY: CHAIR

SUPPORTING INFORMATION

RECOMMENDED ACTION

Date: _____ Time: _____

AGENDA ITEM 13: ADJOURNMENT

PRESENTED BY: CHAIR

SUPPORTING INFORMATION

There being no other business, Chair Trahan will adjourn the meeting.

TIME: _____

RECOMMENDED ACTION

MOTION: _____ SECOND: _____ APPROVED: _____