



Region 3 Trinity Flood Planning Group Meeting
Thursday, February 16, 2023
10:00 a.m.

The Region 3 Trinity Flood Planning Group will hold a public meeting in-person pursuant to Texas Government Code, Section 551.127. This meeting will be conducted in a hybrid format.

In-person:

Sam Houston Statue & Visitor Center
William Hodges Education Building
7600 TX-75
Huntsville, TX 77340

Virtually:

Via WebEx videoconference at:

<http://bit.ly/3QZl9tg>

or via phone at 1-408-418-9388 access code 2494 499 7832

Webinar password: Dhs85XafRF4 (34785923 from phones).

Members of the public may attend, participate and/or address the RFPG in-person, or they may virtually access the meeting using the videoconference link or teleconference information provided above. Members of the public wishing to address the Trinity RFPG during the meeting are encouraged to follow the registration and comment procedures found below.

MEETING AGENDA

1. Call to order
2. Roll call
3. * Approval of minutes from the previous meeting
4. Acknowledgement of written public comments received
5. Receive registered public comments on specific agenda items – limit 3 minutes per person
6. TWDB Update
7. * Officer Elections
8. * Appointment of Region 5 Liaison
9. Update from the Region 3 Technical Consultant
 - a. Update on the Final Region 3 Trinity Regional Flood Plan
 - b. Update on Task 12
 - c. * Consider approval of proposed FMP work order
 - d. Project Schedule
10. Updates from liaisons for adjoining coastal regions
 - a. Region 5 Neches RFPG

- b. Region 6 San Jacinto RFPG
- 11. Updates from Planning Group Sponsor
- 12. * Review administrative costs requiring certification
- 13. Receive registered general public comments – limit 3 minutes per person
- 14. Announcements
- 15. Confirm meeting date for next meeting
- 16. Consider agenda items for next meeting
- 17. Adjourn

* Denotes Action Item

ORAL PUBLIC COMMENTS

If you wish to provide oral public comments at the meeting, you are encouraged to register in advance by emailing Owen Ramsey at info@trinityrfpg.org no later than 9:00 a.m. on February 16, 2023, providing your name, phone number, email address and who are you representing, and indicating if you wish to comment on a specific agenda item or provide general comments. During the meeting, those who have registered to speak, either in-person or virtually, will be called upon by the Chair during the appropriate comment period. At the discretion of the Chair, unregistered attendees who wish to speak may also have the opportunity to provide oral comments during the public comment periods of the agenda.

- Those participating by videoconference will be asked to use the “raise hand” function, visible by hovering the cursor over the attendee’s name onscreen, to indicate their interest in speaking during the appropriate public comment period.
- Those participating by teleconference will be asked to enter *3 to indicate their interest in speaking and to be placed into the queue in order to be called upon during the appropriate public comment period.

WRITTEN PUBLIC COMMENTS

If you wish to provide written comments prior to or after the meeting, please email your comments to info@trinityrfpg.org and include “Region 3 Trinity Flood Planning Group Meeting” in the subject line of the email.

Additional information may be obtained from:

Alexis Long at: (817) 467-4343 or by email at: longas@trinityra.org

Physical location: 5300 South Collins Street, Arlington, TX 76018



February 16, 2023





1. Call to order



2. Roll call



3. Approval of minutes

Region 3 Trinity Flood Planning Group Public Comment Meeting
Thursday, November 17, 2022
10:00 a.m.

Tarrant Regional Water District – Administration
800 E Northside Dr
Fort Worth, TX 76102

The Region 3 Trinity Flood Planning Group convened a public comment meeting, in person as well as virtual, on Thursday, November 17, 2022, at 10:00 AM. Chairman Glenn Clingenpeel opened the meeting at 10:04 AM. The meeting was not an official meeting of the Region 3 Flood Planning Group, and no official action was taken.

Voting Members Present:

Melissa Bookhout
Lissa Shepard (joined after roll call)
Sano Blocker (absent)
Jordan Macha
Rachel Ickert
Matt Robinson (absent)
Sarah Standifer (joined after roll call)
Andrew Isbell (joined after roll call)
Glenn Clingenpeel
Chad Ballard
Galen Roberts
Scott Harris

7 voting members were present at the time of roll call, constituting a quorum.

Ex Officio Members Present:

Adam Whisenant
Rob Barthen
Steve Bednarz
Jose Rosales for Andrea Sanders
Richard Bagans
Humberto (Bert) Galvan
Brittany Frazier
Greg Waller (absent)
Ellen Buchanan
Todd Burrer (absent)
Jerry Cotter
Lisa McCracken (joined after roll call)

Diane Howe(absent)
Edith Marvin (absent)
Justin Bower (absent)
Lonnie Hunt (absent)

Approval of the Minutes of the July 21st, 2022 Meeting

Motion: Jordan Macha moved to approve the minutes as presented;
Second: Rachel Ickert; Action: Minutes were unanimously approved.

Approval of the Minutes of the September 8th, 2022 Meeting

Motion: Galen Roberts moved to approve the minutes as presented;
Second: Lissa Shepard; Action: Minutes were unanimously approved.

Acknowledgement of written public comments received

No written public comments were received.

Receive registered public comments on specific agenda items

No registered public comments were received.

TWDB Update

Richards Bagans with TWDB provided an update. All 15 flood planning regions have hosted public comment meetings on their draft regional flood plans. TWDB provided comments to all regions on their draft regional flood plans in October. Technical consultant conference calls were held with all regions.

All technical stakeholders have been engaged for preliminary input on changes to the rulemaking process for the next flood planning cycle. A stakeholder survey was sent out to all RFPG members that requested feedback on improvements to the administrative cycle and next flood planning cycle.

The Final Regional Flood Plan is due to TWDB on January 10th, 2023. Prior to submittal, the RFPG must adopt the Final Plan. Most flood planning regions are currently discussing public and TWDB comments and will be voting to adopt their plans this December.

The current contract states that five bound, double-sided copies of the Final Plan must be delivered to TWDB. Consultants will be receiving new

guidance on how to submit the Final Plan in hopes to reduce the burden of producing hard copies.

Update from Region 3 Technical Consultant – Stephanie Griffin with Halff Associates:

a. Update on the Draft Region 3 Trinity Regional Flood Plan

i. Recap of open houses

In-Person Open Houses took place on August 29th, 30th, and 31st in Dayton, Crockett and Arlington, respectively. Open houses permitted the public an opportunity to provide oral and written comments. In addition, a Hybrid Public meeting was held on September 8th, in Arlington, to hear additional public comments.

ii. Public comments received and proposed responses

The public comment period was open between August 1st and October 10th 2022. Multiple submittal formats were made available and provided to the public. Nine written and eight interactive web map comments were received. No verbal comments were received.

Public comments received were diverse. Emergency response requests related to neighborhood flooding were responded to immediately and forwarded directly to the appropriate city contact. The specific neighborhood flooding concerns were previously listed as an FMP in the Draft Regional Flood Plan. Additional comments were editorial, a request for a detention study, a request for low water crossing information, and a request for agricultural flooding information. Legislative, administrative and planning process suggestions were also submitted. The RFPG previously recommended convening a Technical Subcommittee to review suggestions in the next flood planning cycle. This has been recommended to the TWDB. TPWD and National Wildlife Federation (NWF) submitted support for nature-based solutions.

Public comments also included concern about 6 recommended FMPs with minimal negative impacts. Additional language will be included at the request of the TWDB that explains the justification for recommendation. Finally, TWDB will be notified of public comments that are more appropriate for them to respond to. This was noted as a response in the comments.

All comments and responses will be published in an appendix within the Final Regional Flood Plan. All comments were responded to in the present tense. If the comment can be addressed and incorporated into

the plan, the response will be updated to past tense in the appendix of the Final Regional Flood Plan. If a comment would not be incorporated into the plan, the response included a “no changes made” statement.

TPWD, Adam Whisenant, requested that the *Letter of Recommendations to the TWDB Promoting the Protection of Natural Flood Mitigation Features and Use of Nature Based Flood Mitigation Solutions* on page 64 and 65 of the meeting package materials be struck from the record.

Scott Harris requested that responses to TPWD and NWF indicate that the RFPG prefers nature based solutions. The consultants will add this statement to their responses. Additionally, he requested that training be added as an FME. The consultants pointed out that training has been recommended under Chapter 8.

Andrew Isbell commented on the RFPGs response to public comment #9 provided by NWF. Specifically, comment number V. *Add a regulatory recommendation to direct TWDB to provide best management practices on how to incorporate assumptions into modeling future conditions.* It was recommended that RFPG remove the statement “*The RFPG will consider incorporating this recommendation in the Final Plan*” and substitute with “*The RFPG established future conditions in Chapter 2, but should be validated in the future. This is an important topic that will require considerable resources in investigation as the RFPG moves through future cycles of the planning process. This comment should be directed to the TWDB. No changes made.*”

Andrew Isbell referenced public comment #9 statement on page 68: “*Equity and nature-based solutions will need to be woven into every facet of this program and incorporated into future policies and strategies in order to empower community collaboration and leverage the state’s vast network of natural ecosystems in building resilient communities.*” It was asked that TWDB improve the social vulnerability index criteria for future flood planning cycles. TWDB noted they are currently working a flood related social vulnerability index and will be requesting feedback at a later time. flush this out.

iii. TWDB comments received and proposed responses

TWDB provided comments to the RFPG on October 18th, 2022. TWDB comments focused on Chapters 1 through 5. There were 43 level 1 comments that needed to be addressed. There were 39 level 2 comments that were optional, but recommended to be addressed. Technical Consultants met with TWDB on November 3rd to review RFPG responses to the comments. TWDB will provide clarification on the placement of maps within the Final Plan. TWDB agreed with the

Technical Consultant Benefit Cost Ratio value assumption of 0 for potentially feasible FMPs that were not recommended, because the FMP was not recommended due to negative impact.

Scott Harris requested that all comments be updated to reflect they have been addressed. Consultants confirmed the future tense will be changed to past tense prior to submittal. In addition, clarification was requested on why the General Manager of Trinity River Authority, rather than members of the RFPG, was addressed on the official notice from TWDB detailing comments on the Draft Regional Flood Plan. TWDB clarified that responses are directed to the contracted party, Trinity River Authority.

The Technical Consultants stated that all level 1 comments will be completed. The majority of level 2 comments will be completed with the exception of a few where no change was agreed upon by the RFPG. No significant issues were found with the proposed responses to comments. All comments will be closed and included in the appendices of the Final Plan.

- b. * Consider approval of the responses to public and TWDB comments received

Chairman Glenn Clingenpeel called for a motion to approve the responses to public and TWDB comments received as amended:

- Public Comment #8 Texas Parks and Wildlife Department: Delete the attachment (page 64 and 65) that was unintentionally submitted to the planning group. Delete responses to the comment.
- Public Comment #9 National Wildlife Federation: On comment #5, the current response will be removed and changed to *“The RFPG established future flood conditions in chapter 2. The RFPG recognizes the importance of developing future flood conditions based on the best available data and methods. This will be an ongoing process in the future flood planning cycles. This comment should be directed to the TWDB. No changes made.”*
- Public Comment #9 National Wildlife Federation: On response #8 and response #9, the current responses will be updated with *“The RFPG prefers nature based solutions where possible”*.

Motion: Scott Harris approved the responses to public and TWDB comments received as amended;

Second: Sarah Standifer; Action: Motion passed unanimously.

- c. Update on the Final Region 3 Trinity Flood Plan

RFPG responses to public comments and TWDB comments will be incorporated into an appendices to the plan. The plan will be revised to address responses to comments, updates to benefit-cost analyses for seven FMPs that were recommended, updates to sponsor funding survey results in Chapter 9, and editorial, map, table, and other minor edits as a result from comments received from TWDB. The Final Plan will be printed in mid-December and sent to TWDB by January 10, 2023.

- d. * Consider approval of revising and submitting the Final Region 3 Trinity Flood Plan to TWDB by January 10, 2023

Chairman Glenn Clingenpeel called for a motion to adopt the plan with minor, non-substantive editorial changes and with addition of comments and responses to comments as presented and submit the Final Region 3 Trinity Flood Plan to TWDB by January 10, 2023.

Motion: Rachel Ickert moved to adopt the plan with minor, non-substantive editorial changes, and with the addition of comments and responses to comments as presented, and to submit the Final Region 3 Trinity Flood Plan to TWDB by January 10, 2023;

Second: Scott Harris;

Action: Motion passed unanimously.

Break – 11:27 am - 11:35 am

- e. Update on Task 12 - David Rivera with Freese and Nichols

- i. Purpose of task:

The purpose of Task 12 is to increase the number of FMPs that will be included in the regional flood plans. This could be accomplished by assessing the current list of FMEs and subsequently elevating them to FMPs. Further, FMPs submitted without complete information could be reevaluated after the sponsor resubmits.

106 potential FMP candidates were received after the April 2022 deadline. Due to time and budgetary constraints, the Technical Subcommittee met on October 20, 2022, to develop an approach to allocating the Task 12 budget. In addition, they outlined a prioritization plan for analysis and potential inclusion of FMPs in the Amended Regional Flood Plan.

- ii. Technical Subcommittee recommendations

The Technical Subcommittee recommended that Task 12 focus on evaluating additional FMPs and did not recommend elevating new FMEs for

inclusion as such into the amended plan. New FMPs can be submitted by January 27, 2023. FMPs will be categorized into tiers based on degree of completeness of data provided by the Sponsor. Tiers will be used to determine the order in which FMPs will be evaluated. This prioritization plan will also provide a mechanism for jurisdictions that are not currently on the FMP list to be added. A flow chart outlining the prioritization plan was presented. Projects submitted will not be prioritized based on merit, but the amount of available information on a project that is required for it to be included in the plan. The prioritization plan is a work order plan to facilitate efficient assessment of projects in order to optimize the number of new projects included. There was considerable discussion on the Tier 3 approach. The tier flow chart and RFPG's approach for FMP tiering can be found [HERE](#). The work order plan and submittal opportunity will be provided to current sponsors and all stakeholders.

- f. * Consider approval of the Task 12 approach

Chairman Glenn Clingenpeel called for a motion to approve the Task 12 approach for submitted FMPs and an FMP submittal deadline of January 27, 2023.

Motion: Andrew Isbell moved to approve the Task 12 approach for evaluating FMPs and an FMP submittal deadline of January 27, 2023;

Second: Jordan Macha;

Action: Motion passed unanimously.

- g. Update on project budget - Stephanie Griffin with Halff Associates

Modifications to the current project budget were presented. It was proposed that the remaining balances from Tasks 1-9 be moved to Task 12 and the remaining balances for Tasks 10-11 be moved to Task 13. The proposed modifications are greater than 25% of the original Task budget and therefore require approval from the RFPG and TWDB, RFPG. TWDB needs all invoices for Tasks 1- 11. Once all invoices have been paid, leftover funds will be transferred to Tasks 12 and 13. A budget memo will then be generated and billing may resume for Task 12 and 13. TRA will work with TWDB on the budget amendment.

- h. * Consider approval of amendment to project budget

Chairman Glenn Clingenpeel called for a motion to approve the amendment to project budget.

Motion: Scott Harris moved to approve amending the project budget as presented;

Second: Sarah Standifer;
Action: Motion passed unanimously.

Rachel Ickert – Abstained

i. Project Schedule:

The Technical Consultants will submit the Final Regional Flood Plan to TWDB by January 10, 2023. An RFPG meeting will be scheduled in February 2023 to provide updates on Tasks 12 and 13. An RFPG meeting will be scheduled in April 2023 to provide updates on Task 12 and 13. An RFPG meeting will be held in June 2023 to approve the Amended Regional Flood Plan. The Technical Consultants will submit the Amended Regional Flood Plan to TWDB by July 14, 2023.

Updates from liaisons for adjoining coastal regions

- a. Region 5 Neches RFPG: No updates.
- b. Region 6 San Jacinto RFPG: Scott Harris reported that Region 6 is at an equivalent point in the regional flood plan adoption process as Region 3.

Update from Planning Group Sponsor

There were no updates.

Review administrative costs requiring certification

There were no administrative costs requiring certification.

Receive registered public comments – limit 3 minutes per person

Mr. Clingenpeel opened the floor for public comments. No public comments were received and the public comment section was closed.

Announcements

Scott Harris shared his appreciation for going through this process and applauded the consultants work. Glenn Clingenpeel seconded.

Confirm meeting date for next meeting

Thursday, February 16th, 2022, at 10:00 a.m. The meeting will be held at the Sam Houston Statue & Visitor Center located at 7600 TX-75, Huntsville, TX 77340.

Consider agenda for next meeting

Adjourn

12:33 pm adjourned

* Denotes Action Item

THE ABOVE AND FOREGOING ARE CERTIFIED TO BE TRUE AND CORRECT MINUTES
OF THE REGULAR MEETING OF THE REGION 3 TRINITY FLOOD PLANNING GROUP
HELD NOVEMBER 17, 2022.

SCOTT HARRIS, Secretary
REGION 3 TRINITY FLOOD
PLANNING GROUP


Date

GLENN CLINGENPEEL, Chair
REGION 3 TRINITY FLOOD
PLANNING GROUP

Date



4. Acknowledgement of written comments received



5. Public comments on agenda items



6. TWDB update



7. Officer elections



8. Appointment of Region 5 Liaison



9. Consultant update


A photograph of a spiral-bound notebook with a light blue cover, lying on a wooden surface. The word 'Agenda' is written in cursive at the top of the page. Below it, a numbered list with four items is visible: 1., 2., 3., and 4. A silver pen lies diagonally across the notebook. In the background, a portion of a light-colored ceramic cup is visible.

Agenda

- 1.
- 2.
- 3.
- 4.

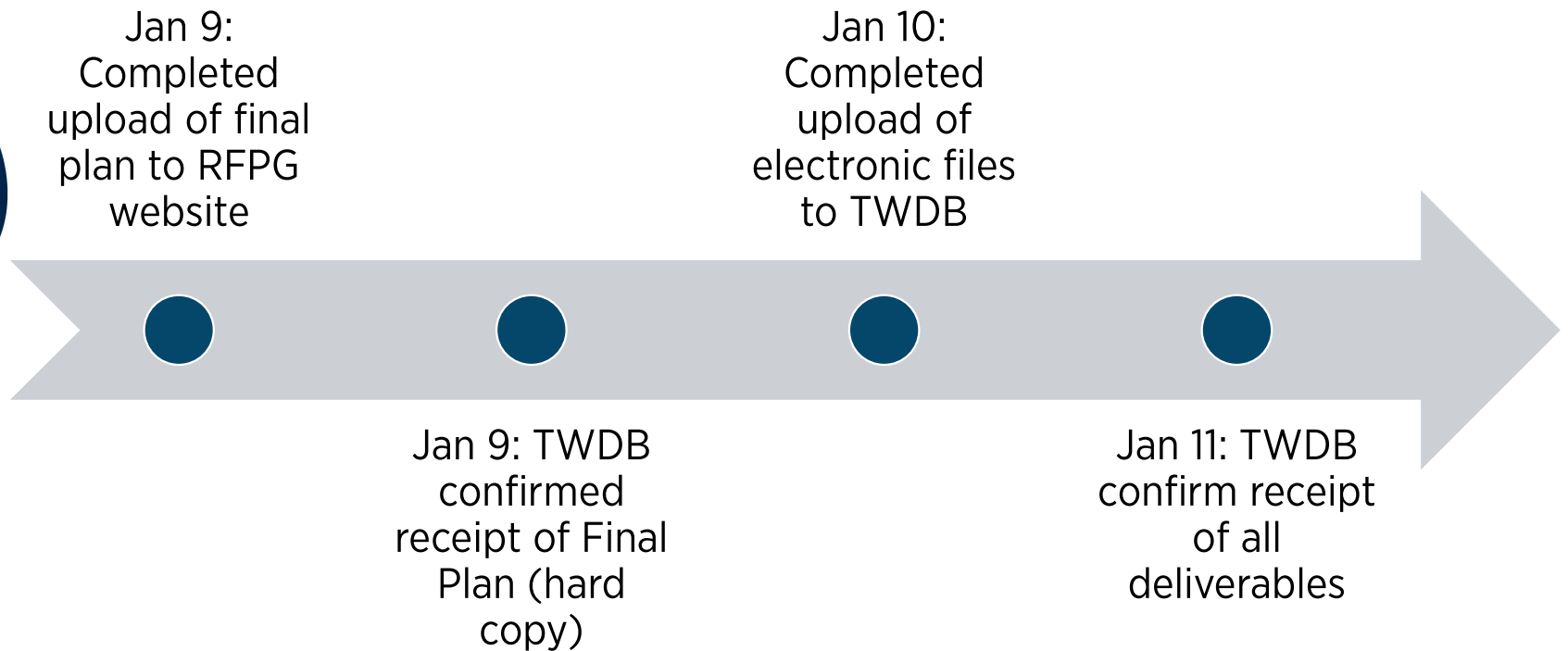
CONSULTANT UPDATE

- **Update on Final Regional Flood Plan**
- **Update on Task 12**
 - Outreach to potential sponsors
 - FMXs received
 - Next steps
- **Request approval of Proposed FMP Work Order**
- **Project Schedule**

The background of the slide is a deep blue, monochromatic image of an underwater scene. In the upper portion, the surface of the water is visible with gentle, rolling waves. Below the surface, the water is clear but has a slightly grainy texture, with some light rays or bubbles visible in the distance. The overall tone is calm and aquatic.

Update on Final Region 3 Trinity Regional Flood Plan

Final Region 3 Trinity Flood Plan



The background of the slide is a deep blue, monochromatic image of an underwater scene. It shows the surface of the water with gentle waves and ripples. Below the surface, there are numerous small, light-colored bubbles or particles suspended in the water, creating a sense of depth and movement. The overall tone is calm and serene.

Task 12 Update

- 
- A background image of a hand held palm up, surrounded by various white line-art icons representing digital concepts like a camera, lightbulb, envelope, smartphone, house, padlock, clock, question mark, and at-sign. The entire scene is overlaid with a semi-transparent blue filter.
- **Outreach to Potential Sponsors**
 - **FMXs Received**
 - **Next Steps**



Timeline

11/17/2022

- RFPG established January 27th, 2023 deadline for FMX submittals to Amended Plan
- Adopted work order and prioritization for new FMXs
- E-mail sent out to all Stakeholders explaining the process and requesting data

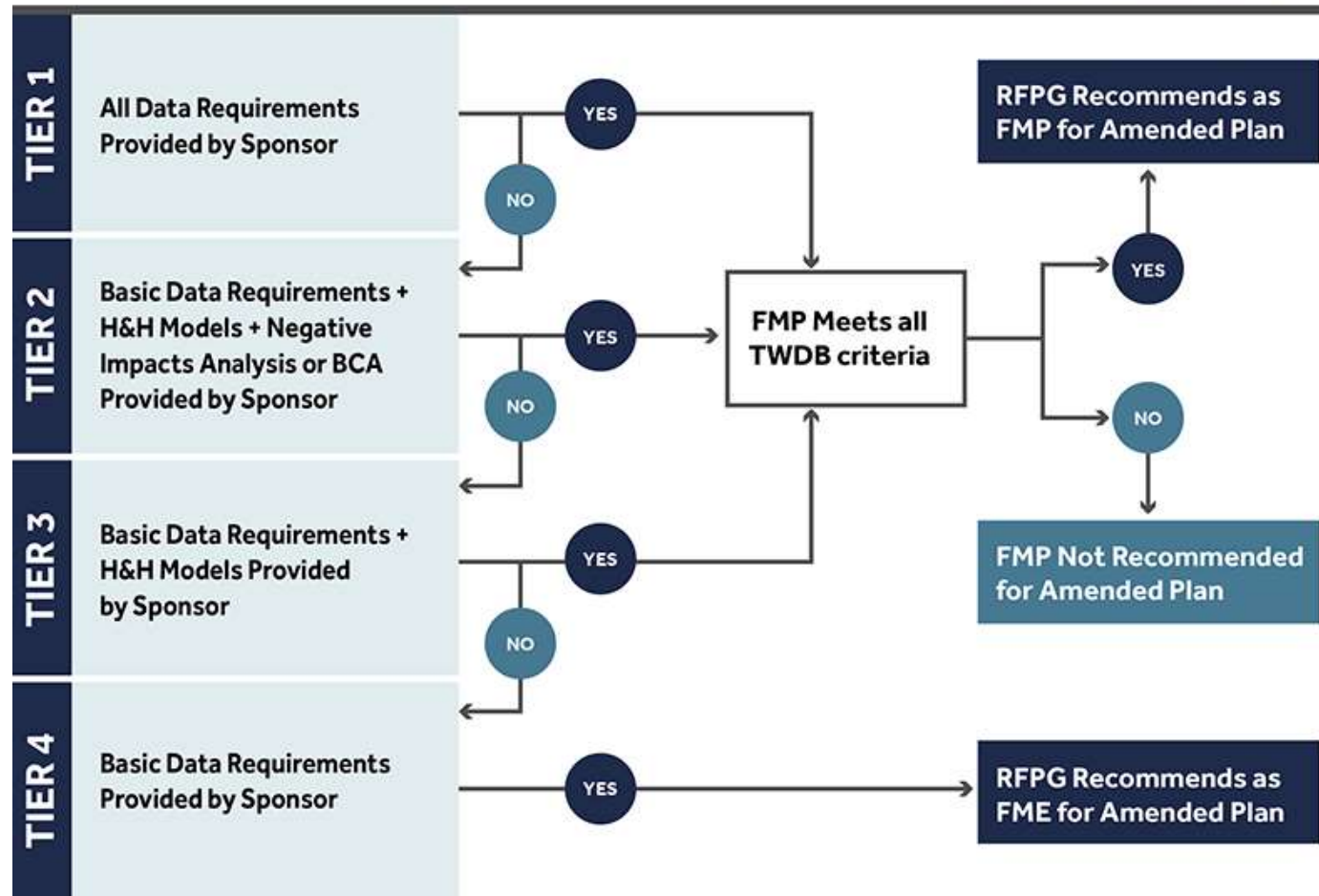
1/09/2023 -
1/25/2023

- Sent out final e-mail reminder to Sponsors & Interested Parties
- Held virtual meetings with Sponsors for potential inclusion of new FMXs in the Amended Plan

1/27/2023

- Submitted: 121 new FMPs, 95 new FMEs, and 4 new FMSs
- A total of **220 FMXs** potentially added to the Amended Plan

TIERS FLOWCHART





Timeline

11/17/2022

- RFPG established January 27th, 2023 deadline for FMX submittals to Amended Plan
- Adopted work order and prioritization for new FMXs
- E-mail sent out to all Stakeholders explaining the process and requesting data

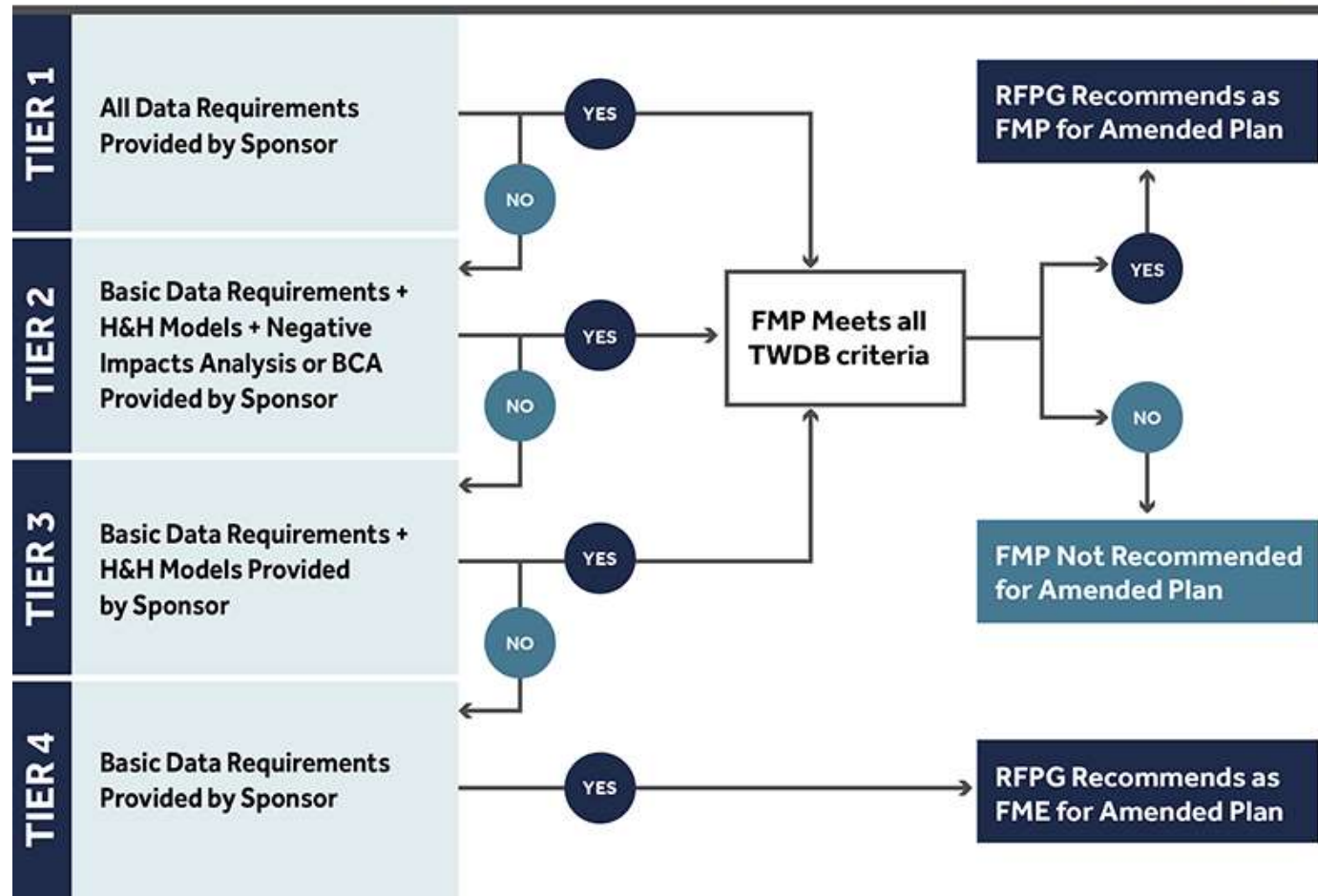
1/09/2023 -
1/25/2023

- Sent out final e-mail reminder to Sponsors & Interested Parties
- Held virtual meetings with Sponsors for potential inclusion of new FMXs in the Amended Plan

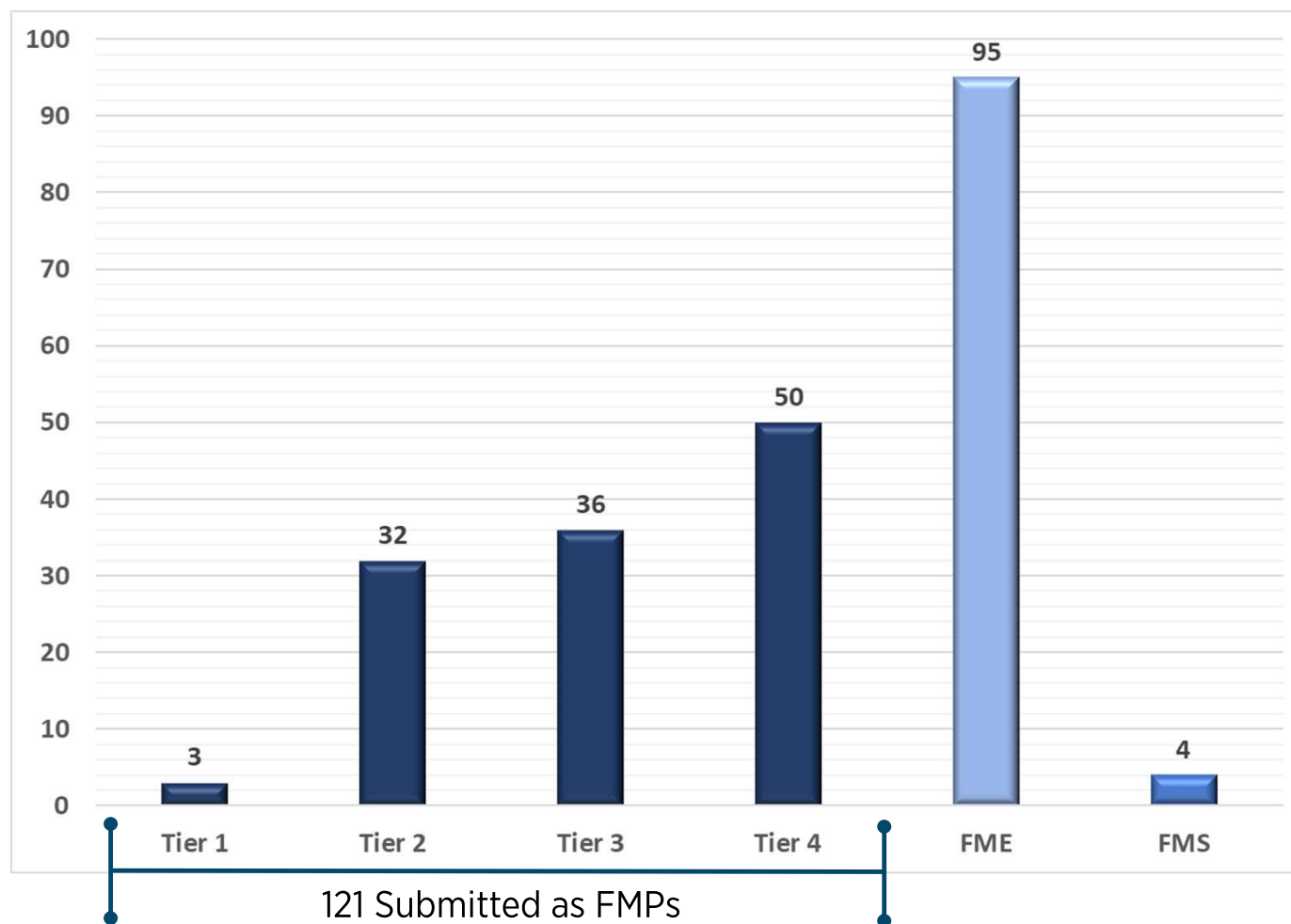
1/27/2023

- Submitted: 121 new FMPs, 95 new FMEs, and 4 new FMSs
- A total of **220 FMXs** potentially added to the Amended Plan

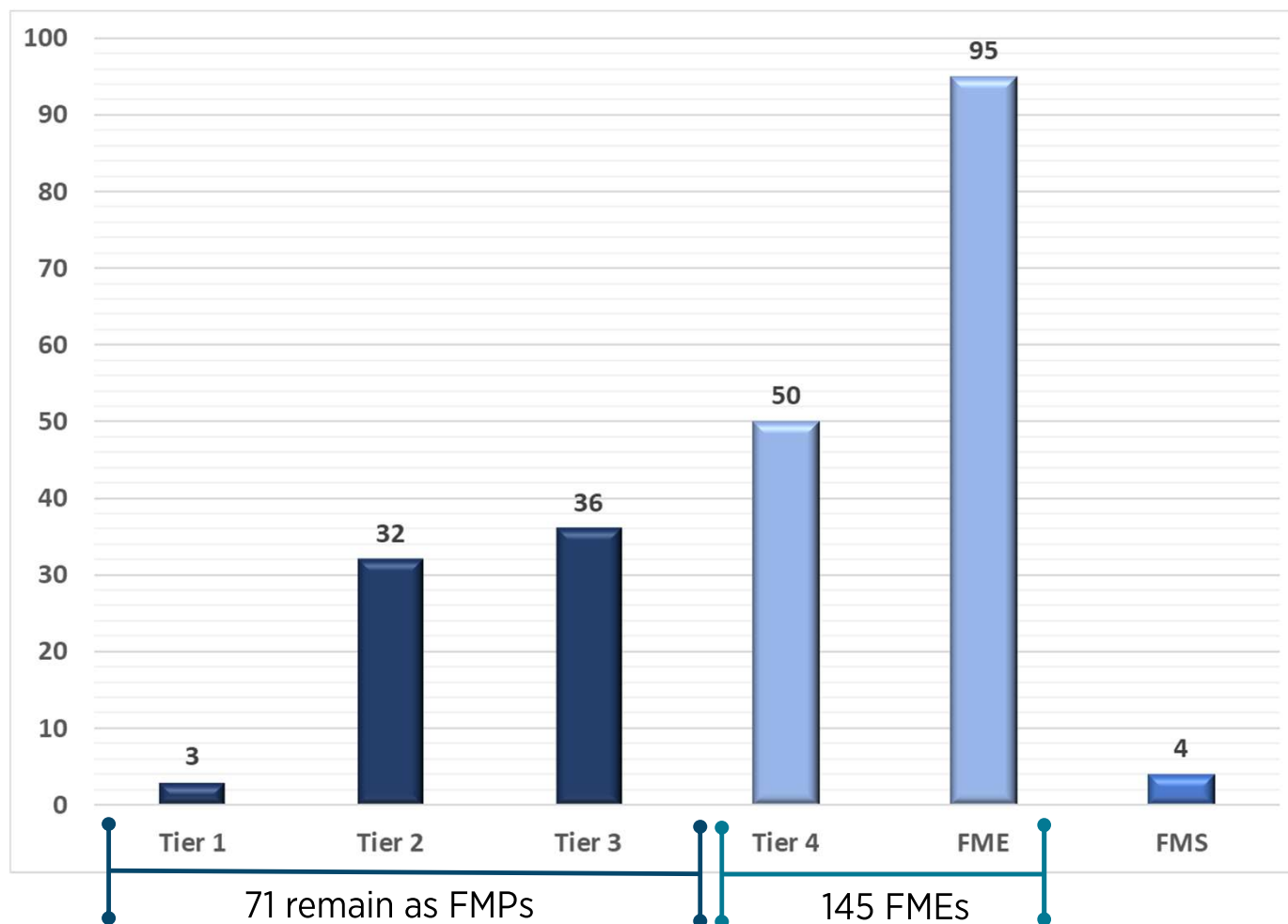
TIERS FLOWCHART



Summary of FMXs (Per Tier)



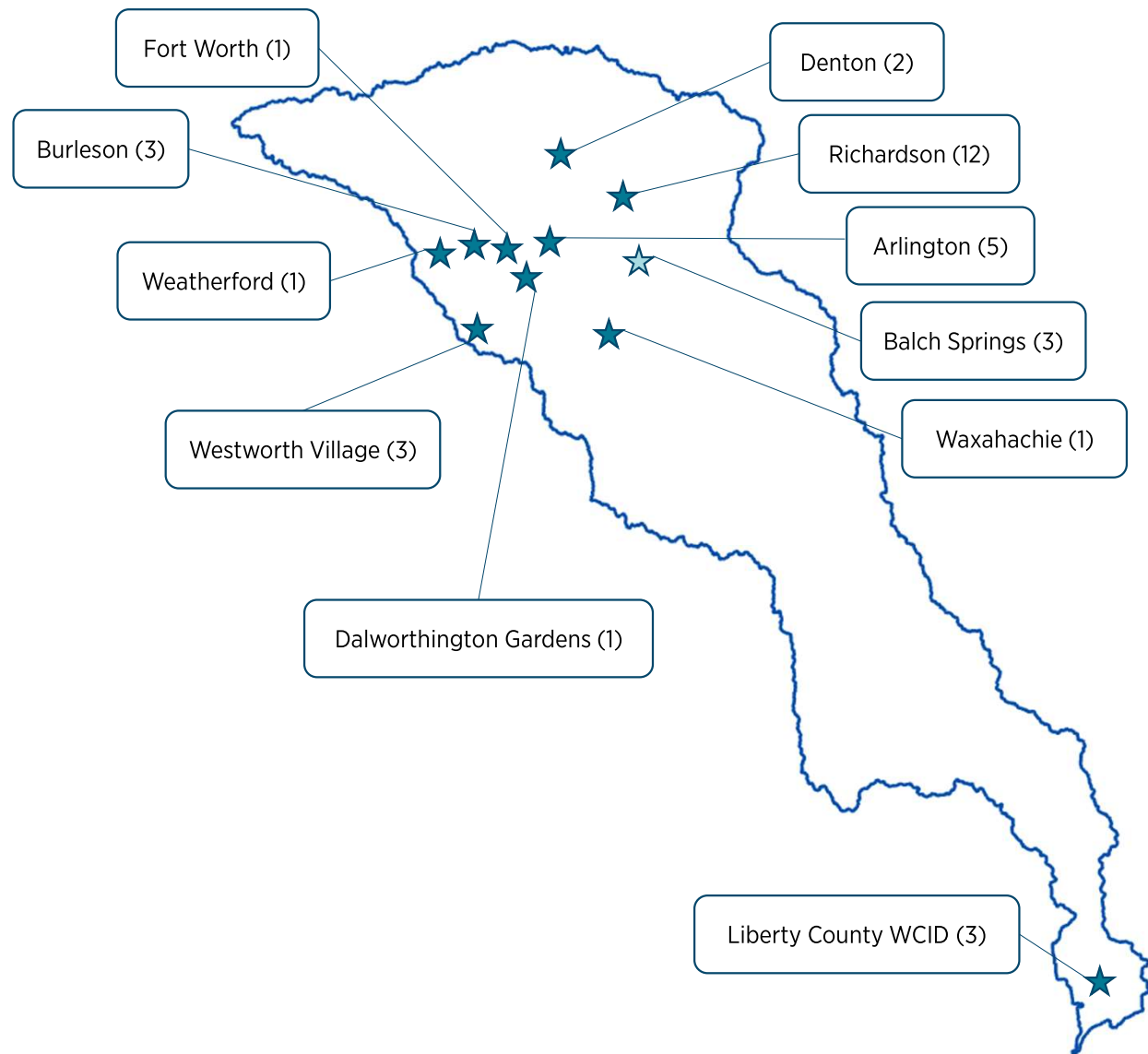
Summary of FMXs (Per Tier)



FMP Distribution (Tiers 1 and 2)

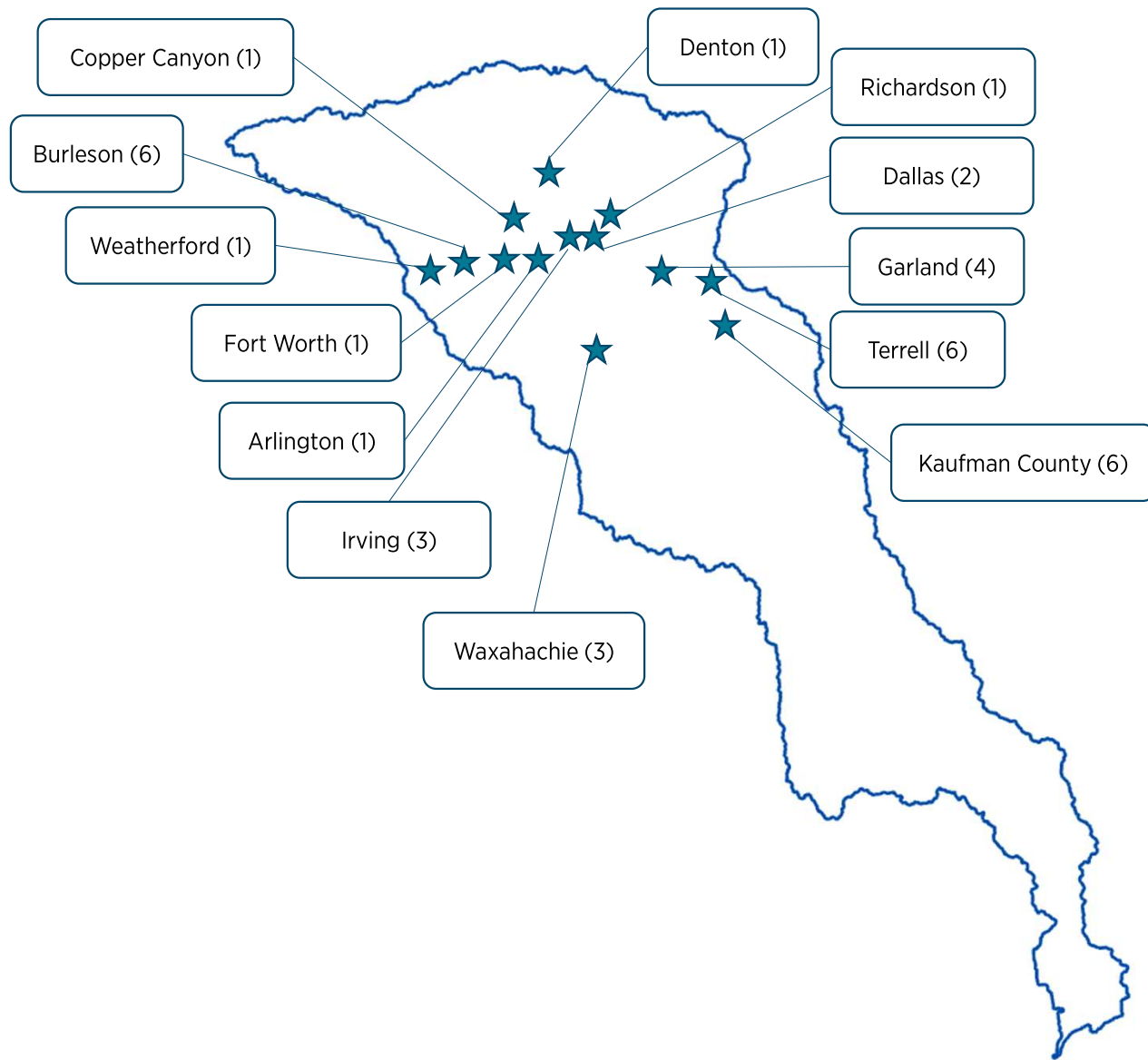
Tier 1 FMPs - 3

Tier 2 FMPs - 32



FMP Distribution (Tier 3)

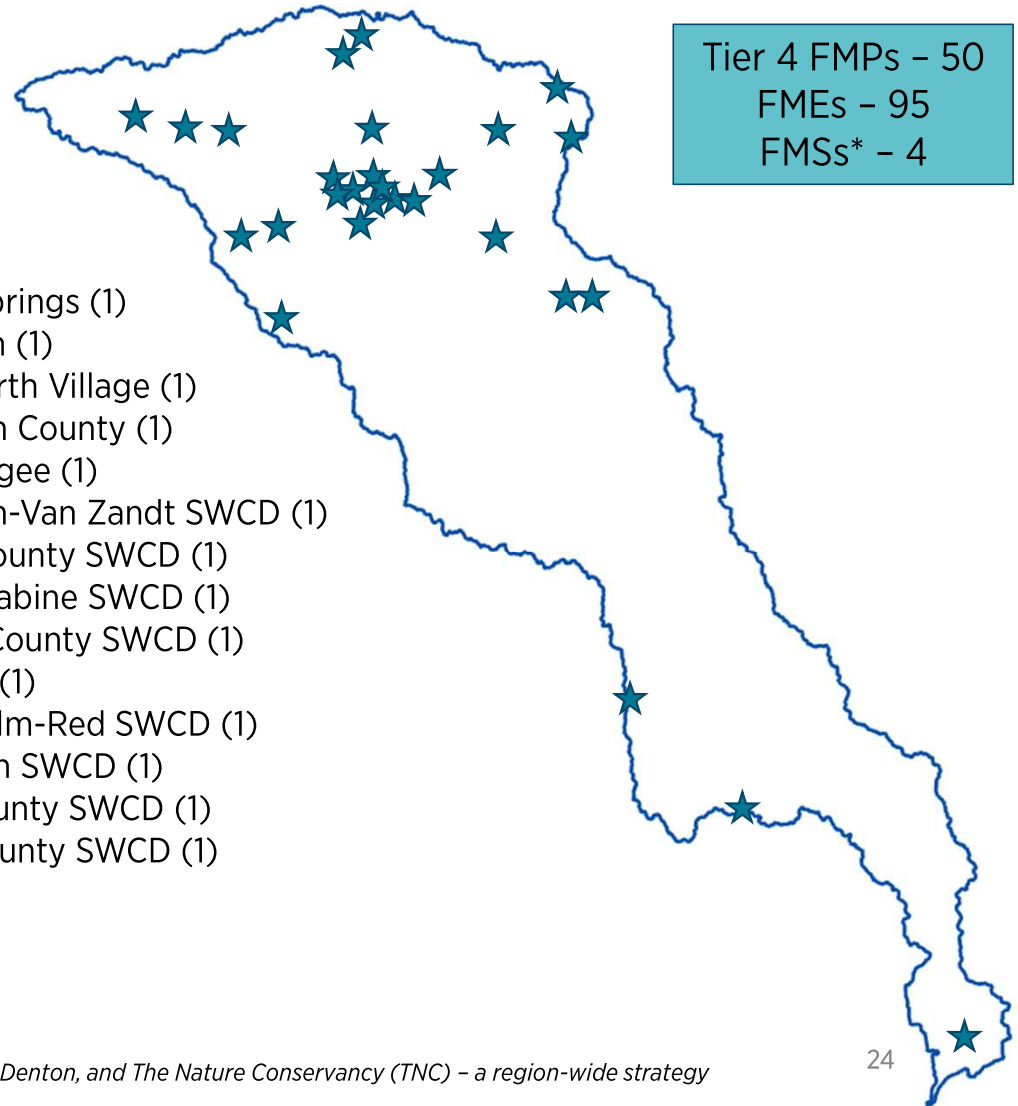
Tier 3 FMPs - 36



Tier 4 FMP, FME, FMS Distribution

- Flower Mound (48)
- Arlington (17)
- Richardson (10)
- Dallas County (10)
- City of Dallas (27)
- Chambers County (7)
- Huntsville (2)
- Garland (2)
- Frisco (2)
- Decatur (2)
- Copper Canyon (2)
- Denton (2)
- The Nature Conservancy (2)
- Denton SWCD (1)
- Tarrant RWD (1)

- Balch Springs (1)
- Burleson (1)
- Westworth Village (1)
- Kaufman County (1)
- Normangee (1)
- Kaufman-Van Zandt SWCD (1)
- Collin County SWCD (1)
- Upper Sabine SWCD (1)
- Fannin County SWCD (1)
- Lindsay (1)
- Upper Elm-Red SWCD (1)
- Dalworth SWCD (1)
- Jack County SWCD (1)
- Wise County SWCD (1)



*The four (4) new FMS Sponsors include: Balch Springs, Copper Canyon, Denton, and The Nature Conservancy (TNC) – a region-wide strategy

Task 12 – FMP Work Order Plan

Sponsor	FMP
A	A-1
B	B-1
C	C-1
A	A-2
B	B-2
C	C-2
A	A-3
C	C-3
C	C-4
C	C-5



Sponsor	FMP
A	A-1
B	B-1
C	C-1
D	D-1
A	A-2
B	B-2
C	C-2
A	A-3
C	C-3
C	C-4
C	C-5
D	D-2
D	D-3

Work Order for Tier 2 FMPs

FMP Name	Sponsor	Tier
Town Creek [Tarrant Ave, Warren St, Johnson Ave, Newton Dr] Safety Improvement	Burleson	2
Project 2 - Campbell Road System	Richardson	2
Ansley Dr. Storm Sewer System Improvements	Westworth Village	2
Main A pump station and conveyance improvements	Liberty County WCID #5	2
Highland Ave. Drainage Improvements	Waxahachie	2
Fairgrounds Detention	Denton	2
Design/Construction for Holland Lake Spillway (\$4.5M)	Weatherford	2
Elkins Lake Dam Rehabilitation	Dalworthington Gardens	2
Arlington Bonneville/Greenbrook Drainage Improvements	Arlington	2
Lebow Flood Mitigation Project	Fort Worth	2

1st FMP for each Sponsor

FMP Name	Sponsor	Tier
Village Creek [Dobson St (CR 714)] Safety Improvements	Burleson	2
Project 6 - Wisteria Way Circle at Timberlake Circle	Richardson	2
White Settlement Rd. Storm Sewer System Improvements	Westworth Village	2
Main B pump station, detention, and conveyance improvements	Liberty County WCID #5	2
Cordell Detention Pond (Rayzor Elementary School Pond)	Denton	2
Arlington California Lane Drainage Improvements	Arlington	2
Town Creek Warren Park Extension	Burleson	2
Project 18 - Waterview Dr. Re-route	Richardson	2
Pumphrey Dr. Storm Sewer System Improvements	Westworth Village	2
Channel and Crossing Improvements on Redmond Creek south of the City of Ames	Liberty County WCID #5	2
Arlington Harvest Hills Channel and Drainage Improvements	Arlington	2

2nd and 3rd FMPs for each Sponsor



Next Steps

- Start analyzing potential FMPs according to Tiers and Work Order Plan
- Input FMEs and FMSs into geodatabase and TWDB tables

Consider Approval of Proposed FMP Work Order

Task 12 - FMP Work Order Plan

FMX	FMP Tier	FMX Name	Sponsor
FMP1	1	Hickory Creek Flood Protection - Alternative 1	Balch Springs
FMP2	1	Hickory Creek Flood Protection - Alternative 2	Balch Springs
FMP3	1	Hickory Creek Flood Protection - Alternative 3	Balch Springs
FMP4	2	Town Creek [Tarrant Ave, Warren St, Johnson Ave, Newton Dr] Safety Improvement	Burleson
FMP5	2	Project 2 – Campbell Road System	Richardson
FMP6	2	Ansley Dr. Storm Sewer System Improvements	Westworth Village
FMP7	2	Main A pump station and conveyance improvements	Liberty County WCID #5
FMP8	2	Highland Ave. Drainage Improvements	Waxahachie
FMP9	2	Fairgrounds Detention	Denton
FMP10	2	Design/Construction for Holland Lake Spillway (\$4.5M)	Weatherford
FMP11	2	Elkins Lake Dam Rehabilitation	Dalworthington Gardens
FMP12	2	Arlington Bonneville/Greenbrook Drainage Improvements	Arlington
FMP13	2	Lebow Flood Mitigation Project	Fort Worth
FMP14	2	Village Creek [Dobson St (CR 714)] Safety Improvements	Burleson
FMP15	2	Project 6 – Wisteria Way Circle at Timberlake Circle	Richardson
FMP16	2	White Settlement Rd. Storm Sewer System Improvements	Westworth Village
FMP17	2	Main B pump station, detention, and conveyance improvements	Liberty County WCID #5
FMP18	2	Cordell Detention Pond (Rayzor Elementary School Pond)	Denton
FMP19	2	Arlington California Lane Drainage Improvements	Arlington
FMP20	2	Town Creek Warren Park Extension	Burleson
FMP21	2	Project 18 - Waterview Dr. Re-route	Richardson
FMP22	2	Pumphrey Dr. Storm Sewer System Improvements	Westworth Village
FMP23	2	Channel and Crossing Improvements on Redmond Creek south of the City of Ames	Liberty County WCID #5
FMP24	2	Arlington Harvest Hills Channel and Drainage Improvements	Arlington
FMP25	2	Project 8a - Cheyenne Dr	Richardson
FMP26	2	Arlington Johnson Creek - Arkansas Lane and Pioneer Parkway Buyout at Johnson Creek	Arlington
FMP27	2	Project 13 - Mimosa & Merosé Dr	Richardson
FMP28	2	Arlington Johnson Creek - Collins Street and Division Street Buyout	Arlington
FMP29	2	Project 1 - Point North Parkway System	Richardson
FMP30	2	Project 4 - Big Horn Lane/Canyon Creek Drive system	Richardson
FMP31	2	Project 6 - Valley Forge Street System	Richardson
FMP32	2	Project 8 - Lower Canyon Creek Drive System	Richardson
FMP33	2	Project 9 - Grandview Drive System	Richardson
FMP34	2	Project 16 - Valley Glen drive System	Richardson
FMP35	2	Project 19 – Pebblebrook Circle System	Richardson
FMP36	3	Town Creek Railroad and S. Warren Street Improvements	Burleson
FMP37	3	Saturn Springs Estates Drainage Improvements	Garland
FMP38	3	Terrell KC1 Watershed Drainage Improvements	Terrell
FMP39	3	Design/Construction for S. Holland Channel Retention Pond (\$600k)	Weatherford
FMP40	3	Lois Branch Main Channel Improvements	Richardson
FMP41	3	DMP Phase 1: Kirven Avenue (Project 1)	Waxahachie
FMP42	3	Mill Creek Drainage Relief System - Phase III	City of Dallas
FMP43	3	Estates Dr. Bridge Replacement	Copper Canyon

Task 12 - FMP Work Order Plan

FMX	FMP Tier	FMX Name	Sponsor
FMP44	3	PEC-4 Phases 3&4	Denton
FMP45	3	Kingstree Rd Drainage Improvements	Kaufman County
FMP46	3	Zoo Creek Storm Drain Flood Mitigation (Sandage)	Fort Worth
FMP47	3	Arlington Upper Village VC(A)-5 Channel and Culvert Improvements	Arlington
FMP48	3	Channel improvement on Brockbank Channel Basin north of SH 183	Irving
FMP49	3	Village Creek Clubhouse Dr Improvements – Culverts	Burleson
FMP50	3	Montclair No 2 & 3 Drainage Improvements (Alternative 2)	Garland
FMP51	3	Terrell KC2 Watershed Drainage Improvements	Terrell
FMP52	3	DMP Phase 1: Anderson Street (Project 3)	Waxahachie
FMP53	3	Peaks Branch Upper Basin Relief System (RL Area 13)	City of Dallas
FMP54	3	North Delaware Creek Phases 2 & 3	Irving
FMP55	3	CR-342 Drainage Improvements	Kaufman County
FMP56	3	Willow Creek Wilshire Blvd (SH 174) Improvements	Burleson
FMP57	3	Western Heights Drainage Improvements	Garland
FMP58	3	Terrell BC1 Watershed Drainage Improvements	Terrell
FMP59	3	DMP Phase 2: Dunlap	Waxahachie
FMP60	3	Stream 7C2 Channel Improvements	Irving
FMP61	3	Plantation Ridge Channel Improvements	Kaufman County
FMP62	3	Village Creek CR 802 (east) Improvements	Burleson
FMP63	3	Drainage Improvements for Stream 2C5, Keen Creek, From North Barnes Drive to North Yale Drive	Garland
FMP64	3	Terrell KT1 Watershed Drainage Improvements	Terrell
FMP65	3	CR-243 Drainage Improvements	Kaufman County
FMP66	3	Village Creek CR 802 (west) Improvements	Burleson
FMP67	3	Terrell KC5 Watershed Drainage Improvements	Terrell
FMP68	3	Valley View/Ravenhill-Devonshire Drainage Improvements	Kaufman County
FMP69	3	Shannon Creek - Culvert to Main Stem Shannon Creek	Burleson
FMP70	3	Terrell BC5 Watershed Drainage Improvements	Terrell
FMP71	3	CR-4116 Drainage Improvements	Kaufman County
FME1	4	Centerville Market Place Drainage Improvements	Garland
FME2	4	Miami Drive Drainage Improvements	Garland
FME3	4	Project 14 – Ridgeway Circle and Ridgeway Drive System	Richardson
FME4	4	Project 15 – James Drive and Weatherred Drive System	Richardson
FME5	4	10' X 4.5' Culvert at Glenville Drive	Richardson
FME6	4	2-9' X 7' Culverts Plano Road	Richardson
FME7	4	10' X 8' Culvert at St Johns Drive	Richardson
FME8	4	3-10' X 8' Culverts at Yale Blvd.	Richardson
FME9	4	Sub-project A4 - College Park Improvements	Richardson
FME10	4	Sub-project A5 - Annapolis Drive Improvements	Richardson
FME11	4	Sub-project A7 - Improvements along Windsong Trail	Richardson
FME12	4	Sub-project C3 - Spring Valley at Towne House Lane	Richardson
FME13	4	Arlington Bowman Branch - Mansfield Webb Road Main Stem Crossing Improvements	Arlington
FME14	4	Arlington Bowman Branch - Spring Miller Court Crossing Improvements	Arlington
FME15	4	Arlington Cottonwood Creek at Park Row Buyout	Arlington
FME16	4	Arlington North Fish Creek Detention between Allen Avenue & SH 360	Arlington

Task 12 - FMP Work Order Plan

FMX	FMP Tier	FMX Name	Sponsor
FME17	4	Arlington Mayfield Road Channel & Culvert Improvements at Tributary NF-1	Arlington
FME18	4	Arlington Cottonwood Creek at Sherry Street Crossing Improvements	Arlington
FME19	4	Arlington Johnson Creek - JC-2 at Pioneer Parkway and Center Street Buyout	Arlington
FME20	4	Arlington Johnson Creek Storm Drain Upgrades on JC-9	Arlington
FME21	4	Arlington Johnson Creek - JC-9 Channel Rehabilitation from Cooper to Sanford	Arlington
FME22	4	Arlington Johnson Creek - JC-9 at Collins Street Culvert Improvements	Arlington
FME23	4	Arlington Johnson Creek - JC-10 Buyouts	Arlington
FME24	4	Arlington Johnson Creek - JC-12 Buyouts	Arlington
FME25	4	Arlington Rush Creek - Warehouse Buyout and Floodplain Restoration	Arlington
FME26	4	Arlington Upper Village VC(A)-4 at Orchard Hill Drive Crossing Improvements	Arlington
FME27	4	Arlington Upper Village VC(A)-6 at Shorewood Drive Crossing Improvements	Arlington
FME28	4	Hulen Street/Railroad Conceptual Bridge Span Layout	Burleson
FME29	4	City of Decatur - S. Sendero/S/ Workman Rd Drainage Improvements	Decatur
FME30	4	City of Decatur - S. FM 51 (West Side)	Decatur
FME31	4	Dallas County Inland Port Drainage Improvements - Creek (4B4) - Austin St.	Dallas County
FME32	4	Dallas County Inland Port Drainage Improvements - Creek (4B4) - Crestridge Dr.	Dallas County
FME33	4	Dallas County Inland Port Drainage Improvements - Creek (4B4) - Denton Street.	Dallas County
FME34	4	Dallas County Inland Port Drainage Improvements - Creek (4A4) - Goode Road.	Dallas County
FME35	4	Dallas County Inland Port Drainage Improvements - Creek (4A4) - Fulghum Road.	Dallas County
FME36	4	Dallas County Inland Port Drainage Improvements - Keller Branch Creek - W Main	Dallas County
FME37	4	Dallas County Inland Port Drainage Improvements - Keller Branch Creek - N Jefferson	Dallas County
FME38	4	Dallas County Inland Port Drainage Improvements - Keller Branch Creek - Goode Road	Dallas County
FME39	4	Dallas County Inland Port Drainage Improvements - Alta Mesa Branch - Tracy Road	Dallas County
FME40	4	Dallas County Inland Port Drainage Improvements - Alta Mesa Branch - Simpson St.	Dallas County
FME41	4	Pecan Acres Floodway Lot Acquisitions	Flower Mound
FME42	4	East Waketon Road Drainage Improvement	Flower Mound
FME43	4	Garden Ridge Boulevard Bridge Erosion Stabilization	Flower Mound
FME44	4	Jernigan Road Drop Inlet and Bar Ditch Improvements	Flower Mound
FME45	4	Pecan Acres Drainage Improvements	Flower Mound
FME46	4	Range Wood Drive, Kings Road & Lusk Lane Drainage Improvements	Flower Mound
FME47	4	Royal Oaks Curb Inlet Improvements	Flower Mound
FME48	4	Stream Bank Stabilization – Various Locations Town Wide	Flower Mound
FME49	4	Sunset Trail Drop Inlet and Outfall Improvement	Flower Mound
FME50	4	Timber Creek Road Bridges Erosion Stabilization	Flower Mound
FME51	n/a	Arlington Rush Creek - RC1 Railroad Culvert and RC1A Channel Improvements	Arlington

Task 12 - FMP Work Order Plan

FMX	FMP Tier	FMX Name	Sponsor
FME52	n/a	Joes Creek - West Fork Channel and Culvert Improvements	City of Dallas
FME53	n/a	Woody Branch Floodplain Management Study	City of Dallas
FME54	n/a	Ledbetter Branch Detention Basin	City of Dallas
FME55	n/a	Lower Five Mile Creek Management Plan	City of Dallas
FME56	n/a	Coombs Creek Bridge @ Plymouth	City of Dallas
FME57	n/a	Coombs Creek Bridge @ Ivandell	City of Dallas
FME58	n/a	Coombs Creek Bridge @ Burlingdell	City of Dallas
FME59	n/a	Coombs Creek Bridge @ Gibsondell	City of Dallas
FME60	n/a	Coombs Creek Bridge @ Brooklyndell	City of Dallas
FME61	n/a	Coombs Creek Bridge @ Colorado	City of Dallas
FME62	n/a	Coombs Creek Bridge @ Barnett	City of Dallas
FME63	n/a	Coombs Creek Culvert @ Hampton	City of Dallas
FME64	n/a	Knights Branch Upper Relief System Study	City of Dallas
FME65	n/a	Knights Branch Upper Relief System Phase 2	City of Dallas
FME66	n/a	Knights Branch @ Denton Dr.	City of Dallas
FME67	n/a	Knights Branch Upper Relief System - Inwood/Mockingbird	City of Dallas
FME68	n/a	City of Dallas Dam Program - Bachman Lake Dam	City of Dallas
FME69	n/a	City of Dallas Dam Program - Cherrybrook Lake Dam	City of Dallas
FME70	n/a	City of Dallas Dam Program - Hatfield Branch Detention Dam	City of Dallas
FME71	n/a	City of Dallas Dam Program - Kidd Springs Lake Dam	City of Dallas
FME72	n/a	City of Dallas Dam Program - Lake Cliff Dam	City of Dallas
FME73	n/a	City of Dallas Dam Program - Lake Simonds Dam	City of Dallas
FME74	n/a	City of Dallas Dam Program - White Rock Lake Dam	City of Dallas
FME75	n/a	City of Dallas Dam Program - Woody Branch Dam	City of Dallas
FME76	n/a	City of Dallas Dam Program - Emerald Lake Dam	City of Dallas
FME77	n/a	City of Dallas Dam Program - Forney Dam	City of Dallas
FME78	n/a	City of Dallas Dam Program - Tawakoni Balancing Reservoir	City of Dallas
FME79	n/a	Stewart Creek & Legacy Gabion Repair	Frisco
FME80	n/a	Edgewood	Frisco
FME81	n/a	Regional Detention Study on Poindexter Creek	Copper Canyon
FME82	n/a	City of Huntsville – Elkins Lake Watershed	Huntsville
FME83	n/a	City of Huntsville – Spring Lake Watershed	Huntsville
FME84	n/a	Downtown Floodplain Mapping and Reclamation Improvements Evaluation	Lindsay
FME85	n/a	Preliminary Engineering Study for Mary's Creek Mitigation for Fort Worth Floodway and Central City	Tarrant Regional Water District
FME86	n/a	Kaufman-Van Zandt SWCD Watershed-wide Dam Evaluations	Kaufman-Van Zandt Soil and Water Conservation District (SWCD)
FME87	n/a	Upper Elm-Red SWCD Watershed-wide Dam Evaluations	Upper Elm-Red Soil and Water Conservation District (SWCD)
FME88	n/a	Collin County SWCD Watershed-wide Dam Evaluations	Collin County Soil and Water Conservation District (SWCD)
FME89	n/a	Fannin SWCD Watershed-wide Dam Evaluations	Fannin Soil and Water Conservation District (SWCD)
FME90	n/a	Cooper Creek Drainage Study	Denton

Task 12 - FMP Work Order Plan

FMX	FMP Tier	FMX Name	Sponsor
FME91	n/a	Jack SWCD Watershed-wide Dam Evaluations	Jack Soil and Water Conservation District (SWCD)
FME92	n/a	Denton SWCD Watershed-wide Dam Evaluations	Denton Soil and Water Conservation District (SWCD)
FME93	n/a	Dalworth SWCD Watershed-wide Dam Evaluations	Dalworth Soil and Water Conservation District (SWCD)
FME94	n/a	Upper Sabine SWCD Watershed-wide Dam Evaluations	Upper Sabine Soil and Water Conservation District (SWCD)
FME95	n/a	Arlington Johnson Creek - Pioneer Parkway and Collins Street Buyout at Johnson Creek	Arlington
FME96	n/a	Floodplain Evaluation of Kings Branch and Farmers Branch	Westworth Village
FME97	n/a	Wise SWCD Watershed-wide Dam Evaluations	Wise Soil and Water Conservation District (SWCD)
FME98	n/a	Trinity Basin Assessment of Flood Mitigation and Performance of Nature-based Solutions	The Nature Conservancy (TNC)
FME99	n/a	City of Normangee Watershed-wide Dam Evaluations	City of Normangee
FME100	n/a	Tri-City Gully Improvements Study	Chambers County
FME101	n/a	Skylane Gully Improvements Study	Chambers County
FME102	n/a	Point Barrow Gully Improvements Study	Chambers County
FME103	n/a	Cedar Gully Improvements Study	Chambers County
FME104	n/a	Hackberry Gully Improvements Study	Chambers County
FME105	n/a	Spring Creek Gully Improvements Study	Chambers County
FME106	n/a	Cotton Bayou Improvements Study	Chambers County
FME107	n/a	Floodplain Mapping Updates of Bakers Branch Tributary 1	Flower Mound
FME108	n/a	Floodplain Mapping Updates of Bakers Branch Tributary 2	Flower Mound
FME109	n/a	Floodplain Mapping Updates of Bakers Branch	Flower Mound
FME110	n/a	Floodplain Mapping Updates of Graham Branch Tributary 3	Flower Mound
FME111	n/a	Floodplain Mapping Updates of Graham Branch Tributary 9	Flower Mound
FME112	n/a	Floodplain Mapping Updates of Graham Branch Tributary 10	Flower Mound
FME113	n/a	Floodplain Mapping Updates of Graham Branch	Flower Mound
FME114	n/a	Floodplain Mapping Updates of McKamy Creek	Flower Mound
FME115	n/a	Floodplain Mapping Updates of Sharps Branch Tributary 3	Flower Mound
FME116	n/a	Floodplain Mapping Updates of Sharps Branch	Flower Mound
FME117	n/a	Floodplain Mapping Updates of Stream SB-1 Tributary 1	Flower Mound
FME118	n/a	Floodplain Mapping Updates of Stream SB-1 Tributary 2	Flower Mound
FME119	n/a	Floodplain Mapping Updates of Stream SB-1	Flower Mound
FME120	n/a	Floodplain Mapping Updates of Stream WB-1	Flower Mound
FME121	n/a	Floodplain Mapping Updates of Stream WC-1	Flower Mound
FME122	n/a	Floodplain Mapping Updates of Stream WC-3	Flower Mound
FME123	n/a	Floodplain Mapping Updates of Stream WC-4	Flower Mound
FME124	n/a	Floodplain Mapping Updates of TC-2 Tributary 2	Flower Mound
FME125	n/a	Floodplain Mapping Updates of TC-2 Tributary 4	Flower Mound
FME126	n/a	Floodplain Mapping Updates of Timber Creek Tributary 9	Flower Mound
FME127	n/a	Floodplain Mapping Updates of Timber Creek Tributary 10	Flower Mound
FME128	n/a	Floodplain Mapping Updates of Timber Creek Tributary 11	Flower Mound
FME129	n/a	Floodplain Mapping Updates of Timber Creek Tributary 13	Flower Mound
FME130	n/a	Floodplain Mapping Updates of Timber Creek Tributary 16	Flower Mound
FME131	n/a	Floodplain Mapping Updates of Timber Creek Tributary 17	Flower Mound

Task 12 - FMP Work Order Plan

FMX	FMP Tier	FMX Name	Sponsor
FME132	n/a	Floodplain Mapping Updates of Timber Creek Tributary 18	Flower Mound
FME133	n/a	Floodplain Mapping Updates of Tributary C to Timber Creek	Flower Mound
FME134	n/a	Floodplain Mapping Updates of Unnamed 4	Flower Mound
FME135	n/a	Floodplain Mapping Updates of Unnamed 5 Tributary 1.2	Flower Mound
FME136	n/a	Floodplain Mapping Updates of Unnamed 5 Tributary 1	Flower Mound
FME137	n/a	Floodplain Mapping Updates of Unnamed Tributary to Bakers Branch	Flower Mound
FME138	n/a	Floodplain Mapping Updates of WB-1 Tributary 1	Flower Mound
FME139	n/a	Floodplain Mapping Updates of Whites Branch Tributary 2.1	Flower Mound
FME140	n/a	Floodplain Mapping Updates of Whites Branch Tributary 2	Flower Mound
FME141	n/a	Floodplain Mapping Updates of Whites Branch	Flower Mound
FME142	n/a	Floodplain Mapping Updates of Wichita Chase Tributary	Flower Mound
FME143	n/a	Floodplain Mapping Updates of Wichita Creek	Flower Mound
FME144	n/a	Hydrologic Updates of Town Wide Fully Developed Hydrology	Flower Mound
FME145	n/a	Kaufman County Countywide Drainage Study - Phase 2	Kaufman County
FMS1	n/a	Copper Canyon Master Drainage Plan/Study	Copper Canyon
FMS2	n/a	Phase #2 of Stormwater Master Plan	Denton
FMS3	n/a	Buyout	Balch Springs
FMS4	n/a	Trinity Basin Stakeholder Nature-based Solutions Project Planning and Analysis	The Nature Conservancy (TNC)

LOOK-AHEAD

April 2023 Meeting


- Consultant provides update on Tasks 12 and 13

June 2023 Meeting

- RFPG approves amended regional flood plan

July 14, 2023 (no meeting)


- Consultant submits Amended Regional Flood Plan to TWDB

Notes:  indicates target date.

Yellow highlight indicates hard deadline.



10. Updates from adjoining coastal regions



11. Updates from Planning Group Sponsor



12. Administrative costs

Region 3 Trinity Regional Flood Planning Group Member Mileage Reimbursement Request

RFPG Member Name: Jordan Macha

February 16, 2023


Date of Trip	From Destination	To Destination	Description	Business Purpose	Distance (Miles)	Mileage Rate (\$/mile)	Expense
6/2/2022	Houston	Crockett	Roundtrip	Region 3 Trinity RFPG Meeting	243.6	\$0.585	\$142.51
11/17/2022	Houston	Fort Worth	Roundtrip	Region 3 Trinity RFPG Meeting	533.8	\$0.625	\$333.63
Total					777.4		\$476.14

Notes:

IRS mileage rate Jan 1-June 30, 2022 was \$0.585 per mile.

IRS mileage rate Jul 1-Dec 31, 2022 was \$0.625 per mile.

I certify that Public Laboratory for Open Technology and Science has not reimbursed me for this mileage expense; nor is Public Lab able to support travel to the Regional Flood Planning Group meetings.



13. General public comments

Limit 3 minutes per person



14. Announcements



15. Meeting date for next meeting



16. Agenda items for next meeting



17. Adjourn