

Flood Management Task Force

August 16, 2024

Welcome and Introductions

- ▶ Thanks for attending!
- ▶ Please introduce yourself in the chat box.
- ▶ Please mute your line.
- ▶ Unmute your line when you would like to speak.
 - ▶ We will also watch the [chat](#) box for questions

Agenda

1. Welcome and Introductions.
2. Meeting Summary.
3. FY 2024 Trinity River COMMON VISION Work Program Activities Discussion.
 - ▶ FY 2025 Trinity River Common Vision Work Program Approval.
4. Other Program Related Efforts.
5. Roundtable Topics/Other Business.
6. Next Meeting.
7. Adjournment.

Meeting Summary Approval

- ▶ The link to the [May meeting summary](#) is available in the chat.
- ▶ Please inform Jai-W Hayes-Jackson of any corrections or additions, at jhayes-jackson@nctcog.org.

Work Program Projects & Activities

NFIP/CDC Model Consolidation and Extension Efforts

FY2024 Trinity River Common Vision Work Program

NFIP-CDC Model Maintenance and Extension Efforts

- ▶ The USACE is continuing to incorporate approved CDC projects into the consolidated NFIP-CDC model and conduct ongoing model maintenance and expansion.

1. Updated the river alignment and reach lengths in lower Clear Fork CDC geometry.

- ▶ Better represents Clear Fork river alignment and overbank flow paths to produce more appropriate reach lengths in CDC geometry
- ▶ Will subsequently meet with FEMA to discuss incorporating these changes into NFIP geometry

2. Finalizing extension of the existing consolidated NFIP-CDC model along the East Fork Trinity and the Trinity Mainstem.

- ▶ Remaining task is developing SPF flows/inundation, including incorporating into model
- ▶ Modeling and documentation scheduled to be complete at the end of Sep 2024

Contact

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Water Resources Branch

U.S. Army Corps of Engineers

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CDC Manual Update to the 5th Edition

FY2024 Trinity River Common Vision Work Program

CDC Manual Update to the 5th Edition

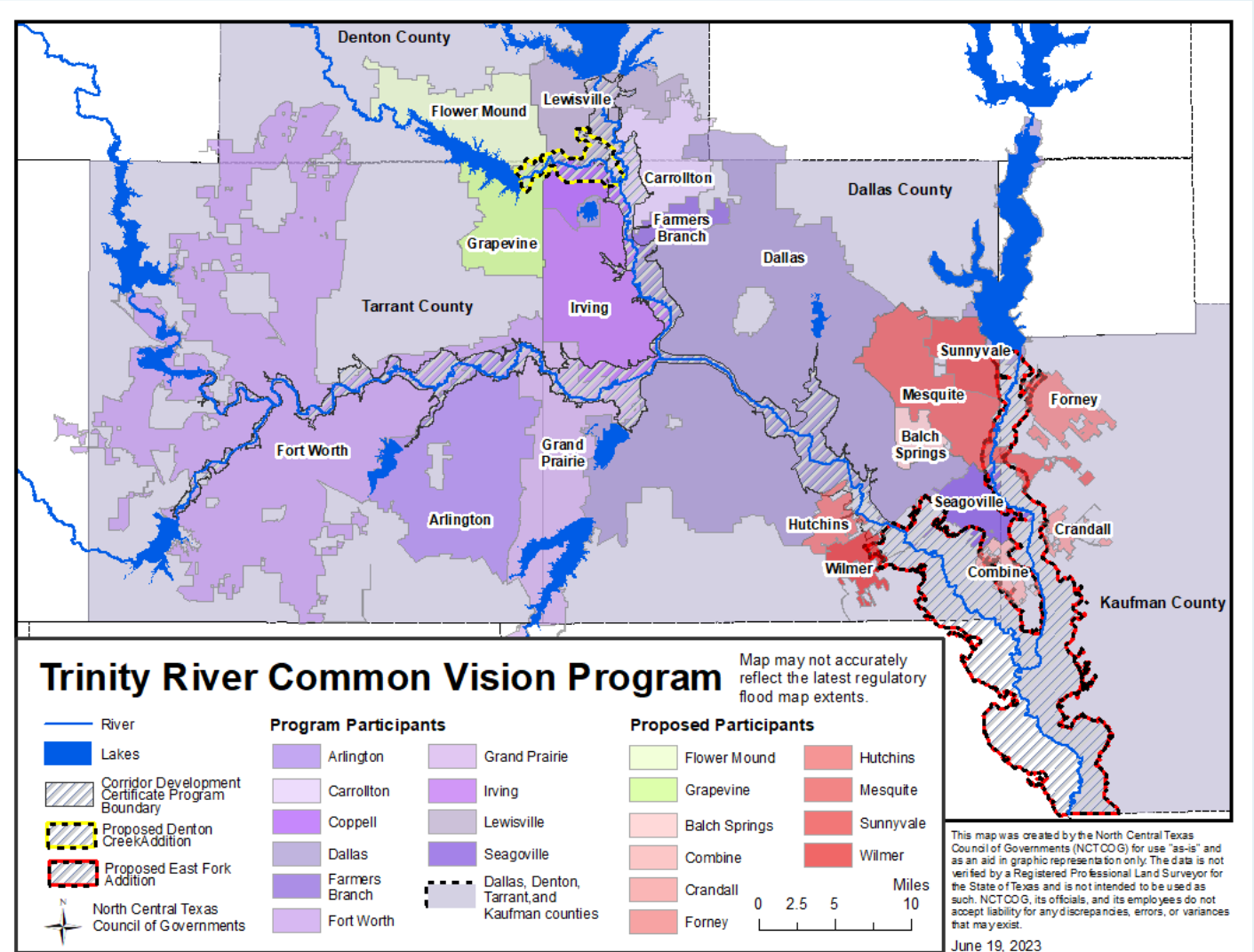
- ▶ NCTCOG and NFIP-CDC Model Consolidation Team working to consolidate the draft documents into the manual.
- ▶ Next Steps
 - ▶ Provide the complete revised manual to FMTF for review
 - ▶ Address any comments and finalize the updated manual
- ▶ NCTCOG has recently received requests for CDC Application Fee refunds. There is now a process to get applicants their funds back more quickly.
 - ▶ Thoughts on adding a section about refunds?

East Fork/Denton Creek Update

FY2024 Trinity River Common Vision Work Program

East Fork/Denton Creek Update

- USACE and NCTCOG are working with the City of Weatherford to conduct a pilot study to explore expanding the CDC program.
- NCTCOG will target Wise County as a potential member for COMMON VISION.
- NCTCOG will renew efforts to recruit East Fork communities and Denton Creek Communities.



FY2024 Trinity River Common Vision Work Program

CDC Regulatory Zone Layer Files

- ▶ NCTCOG will create a map of the boundaries of the CDC Regulatory Area and needs participating COMMON VISION communities' GIS layer of the area they want in the regulatory area.
- ▶ This will allow us to accurately create a map of the regulatory zone so communities and applicants can see what areas require a permit.
- ▶ Each community can decide the limit of the tributaries in their jurisdiction.
- ▶ Questions?



Update on Flood Warning Systems

FY2024 Trinity River Common Vision Work Program

Flood Warning Software System and Hardware Update

- ▶ All vendors have signed their Master Service Agreements.
- ▶ The FloodDataNTX website will be redone to add new vendor information.



**Trinity River COMMON VISION
Steering Committee Meeting
&
FY25 Work Program Approval**

FY2025 Trinity River Common Vision

Current Steering Committee

City of Arlington	Jim Ross, Mayor
City of Carrollton	Steve Babick, Mayor
City of Coppell	Wes Mays, Mayor
City of Dallas	Cara Mendelsohn, Councilmember
City of Farmers Branch	Terry Lynne, Mayor
City of Fort Worth	Dr. Jared Williams, Councilmember
City of Grand Prairie	Jorja Clemson, Councilmember
City of Irving	Rick Stopfer, Mayor
City of Lewisville	TJ Gilmore, Mayor
City of Seagoville	Lackey Sebastian, Mayor
Dallas County	John Wiley Price, County Commissioner
Denton County	Bobbie Mitchell, County Commissioner
Kaufman County	Tommy Moore, County Commissioner
Tarrant County	Tim O'Hare, County Judge
Tarrant Regional Water District	Mary Kelleher, Board Member
Trinity River Authority	Lisa Hembry, Board Member

Anything New?

FY2025 Trinity River Common Vision Draft Work Program Discussion

[Click here for draft of the FY25 Work Program.](#)

Continuation of existing Ongoing Support Activities and Technical Activities

- ▶ Ongoing Trinity River COMMON VISION Information and Task Force Committee Support
- ▶ Ongoing CDC Process and mapping support
- ▶ Continued sponsorship of FEMA's NFIP training courses.
- ▶ Ongoing effort to explore partnership and outreach opportunities
- ▶ Continued exploration of regional cooperative detention/retention strategies
- ▶ Administrative Coordination for Regional Flood Warning Software Program
- ▶ Maintenance of the CDC Application and Tracking Website
- ▶ Participation in the Trinity Regional Flood Planning Group

FY2025 Trinity River Common Vision Draft Work Program Discussion

Continuation of existing Ongoing Support Activities and Technical Activities

- ▶ Participation in the Model Consolidation Committee will continue into FY25
 - ▶ Updating the CDC Manual to the 5th Edition will continue into FY25
 - ▶ Continuing East Fork Trinity and Denton Creek Integration
 - ▶ Update Communities' Acreage in Floodplain (FIRM).
- ▶ No change anticipated in cost shares
- ▶ During the August meeting, the Flood Management Task Force will vote whether to recommend the Work Program for Steering Committee approval.

FY2025 Trinity River Common Vision Draft Work Program Discussion

- ▶ Additional program activities for FY25
 - ▶ **Draft a Legislative Agenda for a Work Program for Steering Committee Support:** NCTCOG staff will draft an agenda to support policies that address challenges in floodplain management while aligning with the COMMON VISION Program's core values and mission. Concept modeled after [Regional Transportation Council Legislative Program](#).
 - ▶ **Migrate the Trinity River CDC Website (www.trinityrivercdc.com) to the NCTCOG webpage:** NCTCOG is consolidating stand-alone websites back into the NCTCOG-owned domain and working on migrating the Trinity CDC website and built-in features as soon as possible to not lose service.

FY2025 Trinity River Common Vision Draft Work Program Discussion

► Additional program activities for FY25

Coordination for Flood Science Training: NCTCOG will continue to offer relevant training to our region's floodplain professionals. NCTCOG is exploring opportunities to partner with the USACE to offer training regarding flood science. The USACE's Hydrologic Engineering Center supports water resources management responsibilities with research, training, planning analysis, and technical assistance. NCTCOG will work with the USACE to promote the use of free online training offered by USACE that includes but is not limited to 1D/2D modeling, HEC-RAS, HEC-HMS, and other flood science-related topics. NCTCOG will also explore offering training on using the CDC model for city staff and developers.

COST SHARES FOR CURRENT COMMON VISION PARTICIPANTS

Participant	Acres in Floodplain (FIRM)	Cost Share
Arlington	3,351	\$5,802.78
Carrollton	5,941	\$10,287.77
Coppell	1,490	\$2,580.17
Dallas	25,787	\$44,654.18
Farmers Branch	1,472	\$2,549.00
Fort Worth	16,261	\$28,158.44
Grand Prairie	8,498	\$14,715.60
Irving	7,757	\$13,432.44
Lewisville	3,072	\$5,319.65
Seagoville	2,776	\$3,192.00
Dallas County		\$10,000.00
Denton County		\$5,000.00
Kaufman County		\$10,000.00
Tarrant County		\$7,500.00
TRWD		\$7,500.00
TRA		N/A
Subtotal Current Program		\$170,692.03

The cost share for cities is based on acreage within the floodplain. The cost per acre to communities is ~\$1.73.

“Any other Political subdivision with a voting member on the Steering Committee will pay 5%.”

There will not be an increase to the cost share or rate for FY2025.



FY2025 Trinity River Common Vision Draft Work Program Discussion

- ➡ Motion to Approve!
- ➡ Second?

Other Related Projects & Activities

Other Program Related Efforts

29th Annual FEMA L0273 Four-Day Course & CFM Exam

- ▶ The Annual L0273 Course for floodplain managers, hosted by FEMA and NCTCOG, will return for the 29th year!
- ▶ The L0273 will be held this **September 30 – October 3, 2024**, at NCTCOG's offices in Arlington.
- ▶ The Certified Floodplain Manager (CFM) exam will be held on **Friday, October 4, 2024**, following the four-day course. The deadline for all steps to be completed for to take the exam is **September 12, 2024**.

North Central Texas Council of Governments

William Pitstick Conference Room

616 Six Flags Drive

Arlington, TX 76011

- ▶ [Registration instructions for the course and exam can be found here.](#)

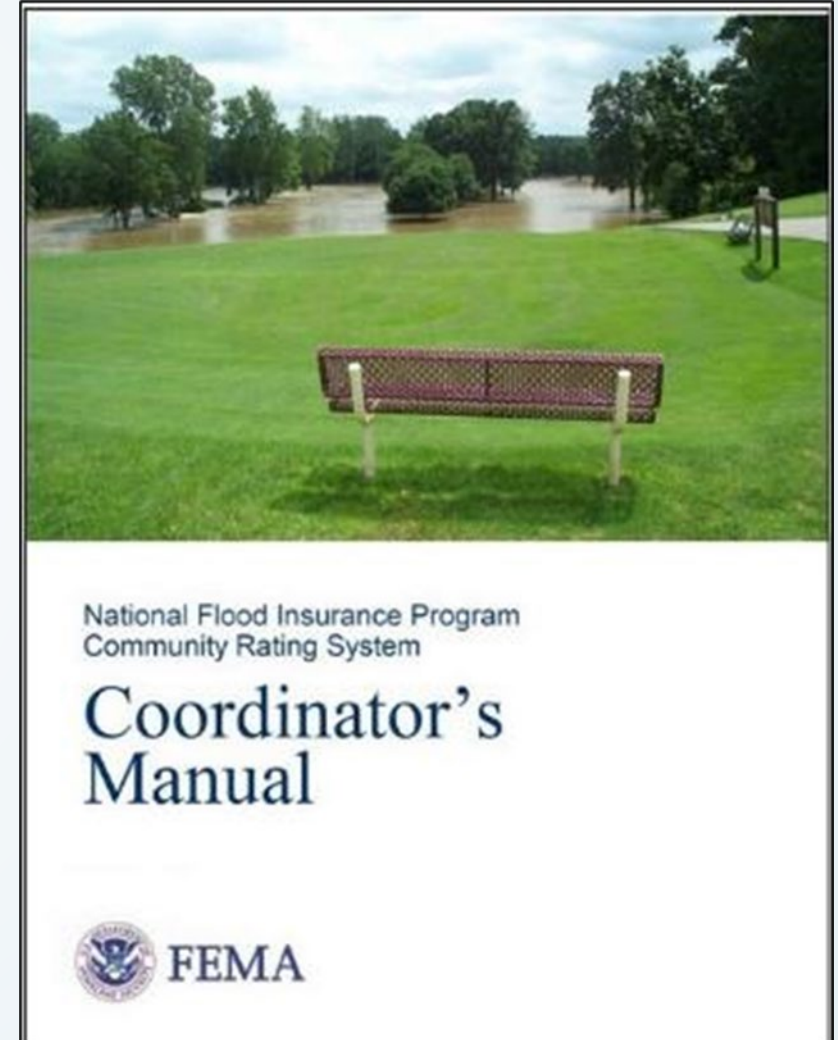
Questions? Contact Jai-W Hayes-Jackson at jhayes-jackson@nctcog.org or (817) 695-9148.



Other Program Related Efforts

North Texas Floodplain Administrators/CRS Users Group

- ▶ **Elected Officials Floodplain Seminar:**
 - ▶ November 1, 9:30 – 11:30 a.m.
 - ▶ NCTCOG Offices, Transportation Council Room
 - ▶ Agenda is pending
- ▶ Planning for a 4-day CRS training class with FEMA in 2025
- ▶ NCTCOG is considering combining the COMMON VISION Steering Committee and the Elected Officials Floodplain Seminar/CRS Users Group Meeting for FY2025.
- ▶ For questions about the CRS Users Group, or to suggest future meeting topics, please contact Erin Blackman at Eblackman@nctcog.org or (817) 608-2360



Other Program Related Efforts

Trinity River National Water Trail Task Force



- ▶ The Task Force met on August 13, 2024, via Microsoft Teams. NCTCOG's role will be completed at the end of FY24.
- ▶ NCTCOG and Trinity Coalition will be finalizing the Master Plan within the next month.



For more information, please contact Erin Blackman at Eblackman@nctcog.org or (817) 608-2360.



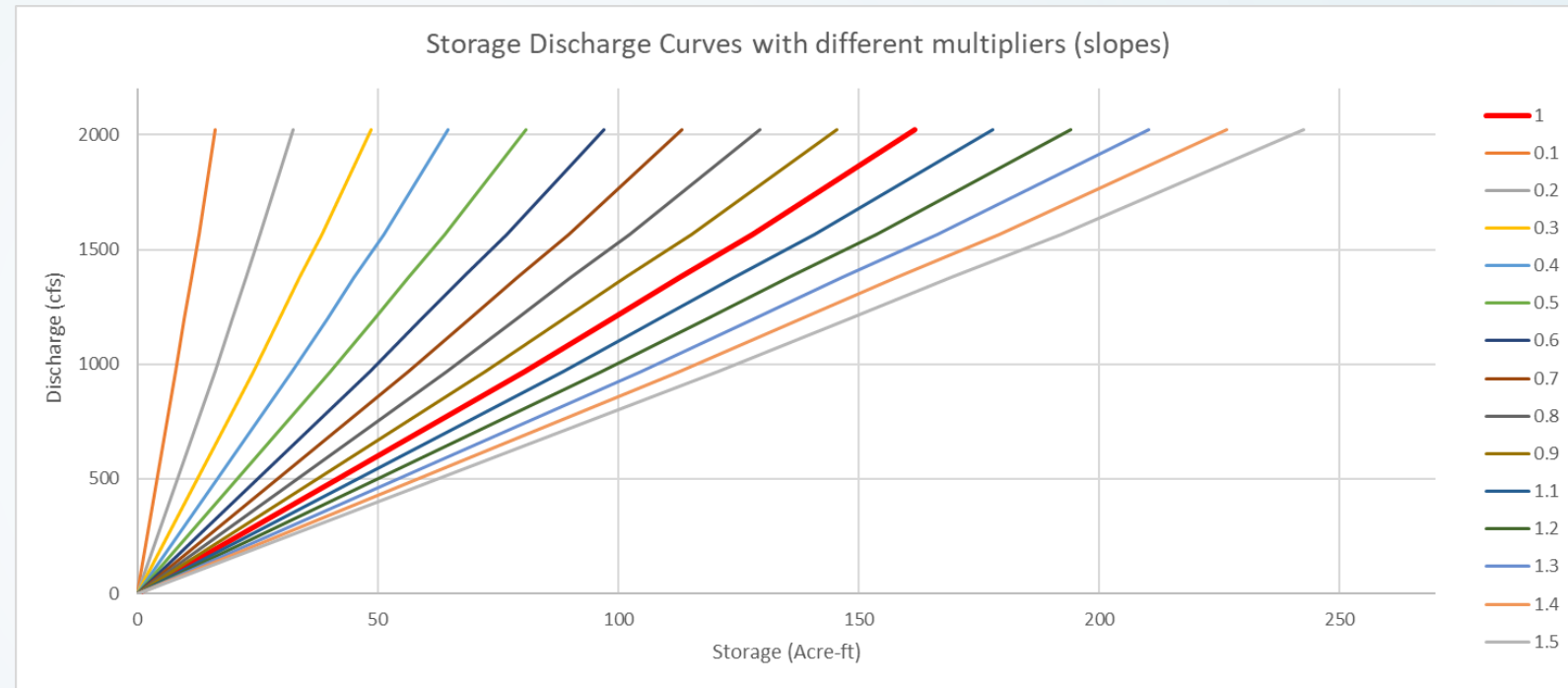
Task Force Website: <https://nctcog.org/envir/committees/trinity-river-national-water-trail-task-force>

Other Program Related Efforts

Integrated Transportation & Stormwater Infrastructure (TSI) Project

Task Progress

- ▶ \$4 m awarded to NCTCOG from Texas General Land Office to expand to North Study Area
- ▶ Pilot studies completed and additional pilot studies underway
- ▶ Optimization study underway →
- ▶ Site visits to individual communities underway – flooding and development challenges



How Storage-Discharge Curve Multipliers work

Storage values are multiplied with different multipliers (0.1-1.5 in this example) while the discharge values are kept constant resulting in different variants of the original storage-discharge curves with different slopes.



Other Program Related Efforts

Integrated Transportation & Stormwater Infrastructure (TSI) Project

Regional Project Update Workshops

Tuesday, September 10

- Weatherford College
Emerging Technologies and
Workforce Education
Building, Rooms 301-303
(Community Rooms)
- Presentations 10-:11:30 a.m.

Wednesday, September 18

- Decatur Conference Center,
Room TBD
- Presentations 10-11:30 a.m.

Thursday, September 12

- Denton County
Administrative Courthouse,
- 2020 Room
- Presentations 10-11:30 a.m.

Thursday, September 19

- Burleson City Hall Council
Chambers
- Presentations 9:30-11 a.m.

Technical Advisory Group Meeting

Friday, October 25

10:30 a.m. – noon

For Event Page, [Click Here.](#)



Other Program Related Efforts

Cooperating Technical Partnership (CTP) Program

East Fork (Lowry Crossing and McKinney)

Activities	Start Date	Expected End Date	% Complete
Terrain Data Capture	2/2022	6/2022	99%
Field Surveys	7/2022	11/2022	98%
Hydrologic Data	8/2022	9/2023	99%
Hydraulic Data	8/2022	9/2023	100%
Floodplain Mapping	2/2023	1/2024	60%
Flood Risk Review Meeting	7/2023	4/2024	100%
Flood Resilience Meeting	3/2024	7/2024	0%
Flood Risk Products	1/2024	6/2024	12%
Total Project Percent Complete			79%

Hog Branch (Denton County)

Activities	Start Date	Expected End Date	% Complete
Terrain Data Capture	4/2022	5/2022	99%
Field Surveys	5/2022	8/2023	96%
Hydrologic Data	8/2022	9/2023	99%
Hydraulic Data	8/2022	9/2023	99%
Floodplain Mapping	7/2023	1/2024	99%
Flood Risk Review Meeting	1/2024	5/2024	100%
Flood Resilience Meeting	3/2024	7/2024	0%
Flood Risk Products	1/2024	6/2024	86%
Total Project Percent Complete			98%

Other Program Related Efforts

Integrated Stormwater Management (iSWM)

- **Last Meeting:** July 24, 2024: NCTCOG provided updates on FY24 task deliverables.
Approved FY25 Work Plan.
- **Next Meeting:** Scheduled October 9, 2024
- **Upcoming Events:**
 - Development Submittal & Review Workshop Scheduling for September 2024
 - Community Panel Workshop – January 2025
- Halff Associates is completing work on cumulative impact for areas less than an acre. Any interest for the Task Force?



Other Program Related Efforts

Corridor Development Certificate Applications

Progress Since Last FMTF Meeting (as of 8/15/24): Currently making updates to the website.

New CDC Applications

➡ N/A

Permits Issued

➡ FW032024-1

➡ FW052224-1

Technical Review Under Process

➡ DC06122024

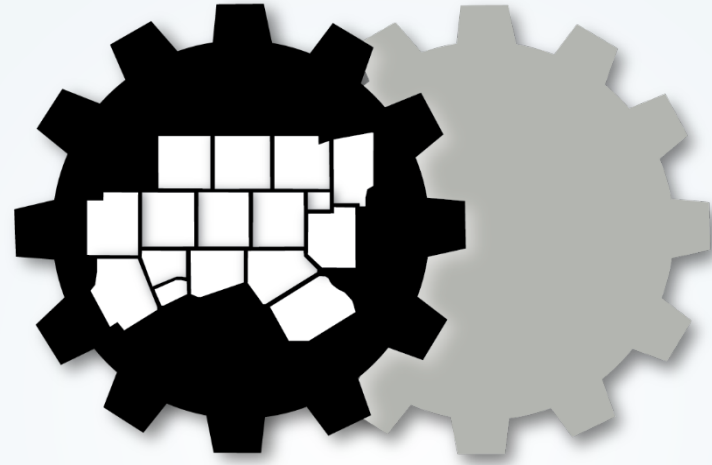
Exemptions

➡ N/A

NCTCOG will be sending payments electronically to USACE speeding up the timeline of applications.

During the Roundtable, please share any new CDC applications you anticipate being submitted soon.

Other Business and Roundtable Discussion



ROUNDTABLE

Texas Water Development Board adopts first state flood plan

AUSTIN – (August 15, 2024) – The Texas Water Development Board (TWDB) today voted to adopt the [2024 State Flood Plan](#), providing the first-ever comprehensive statewide assessment of flood risk and solutions to mitigate that risk.

“Adopting the first-ever state flood plan is a monumental achievement for Texas,” said TWDB Chairwoman Brooke Paup, “and it would not have been possible without the collaboration and dedication of everyone who touched this extensive effort, including the 15 regional flood planning groups and their volunteer members, sponsors, technical consultants, other stakeholders, fellow state agencies, and TWDB staff.”

Texas Floodplain Management Association

2024 Technical Summit

August 27-30

Hyatt Regency Reunion

Dallas



Steering Committee Meeting

September 19, 2024

2:00 PM

NCTCOG Offices

Regional Forum Room

616 Six Flags Dr

Arlington, TX 76011

Next FMTF Meeting

November 15, 2024

9:30 AM

NCTCOG Offices

Regional Forum Room

616 Six Flags Dr

Arlington, TX 76011

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