

Flood Management Task Force

November 4, 2022



North Central Texas
Council of Governments
Environment & Development

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 during question and discussion time.
 - We will also watch the chat box for questions

Meeting Summary Approval

- The link to the [August 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



FY2022 Trinity River Common Vision Work Program

NFIP/CDC Model Consolidation and Extension Efforts

- The USACE funded two ongoing studies related to CDC model consolidation.
 - Updating the newly georeferenced CDC model with approved but not yet constructed CDC project geometries from 2017 onward and future flows.
 - USACE and FEMA are finalizing edits in advance of loading draft model to CDC website.
 - Culmination of a collaborative effort to generate a first-ever consolidated CDC/NFIP model.
 - Aligns with CDC manual updates and to share for FMTF review & feedback soon.
 - Working to generate CDC future flows for the FEMA detailed study on the East Fork Trinity and the Trinity mainstem to ultimately extend the consolidated CDC/NFIP model.
 - Met with NCTCOG and received guidance on future land use data to inform hydrologic modeling. After developing flows, will complete hydraulic model for this area.
 - Discussed strategy with NCTCOG and FEMA Region 6.
 - Anticipate sharing with FMTF for review in 2023.
- The USACE set aside \$485,000 from the Floodplain Management Services (FPMS) fund to complete these scopes. Internal coordination at the USACE is occurring and additional data and information will continue to be shared with FMTF members.

Contact

Matt Lepinski, P.E.

Water Resources Branch

U.S. Army Corps of Engineers

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CDC Manual Update to the 5th Edition



FY2021 Trinity River Common Vision Work Program

CDC Manual Update to the 5th Edition

- The NFIP-CDC Model Consolidation Team had a meeting on July 22nd to continue work on the 5th edition update.
 - Completed final drafts of the following sections and forms: Section 1: Introduction and Section 2: CDC Regulation & Criteria, Section 3: The CDC Process, and the Application, Final Action, and Extension forms.
 - Completing revisions to Section 4: CDC Submittal Requirements, the Verification form, the Appendices and the FAQs
- The Team will meet next in November/December for final review of the Sections, Forms, and Appendices
- Upcoming meetings will discuss final compiled draft of manual and comments
- Updates will be brought to the FMTF throughout the process and your feedback will be requested.



FY2021 Trinity River Common Vision Work Program

CDC Manual Update to the 5th Edition

➤ Next Steps

- Team will complete final review of all revised sections, appendixes and forms
 - Compile those into a draft of entire manual document
 - Provide the complete revised manual to FMTF for review
 - Address any comments and finalize the updated manual
- Final Goal to have revised CDC Manual completed at same time new consolidated NFIP-CDC Model is ready this fall/winter

OneRain Regional Flood Warning Software Program



Regional Flood Warning Software Program

Cooperative regional solution to offer a cost-effective software package for all agencies to assist in flood warning and hydrology related challenges in the area.



Regional View

Understand approaching storms across the DFW area with access to the regional data set



Impacts

Monitor the impacts on your agency with alarming, dashboards, and graphing of water and rainfall data



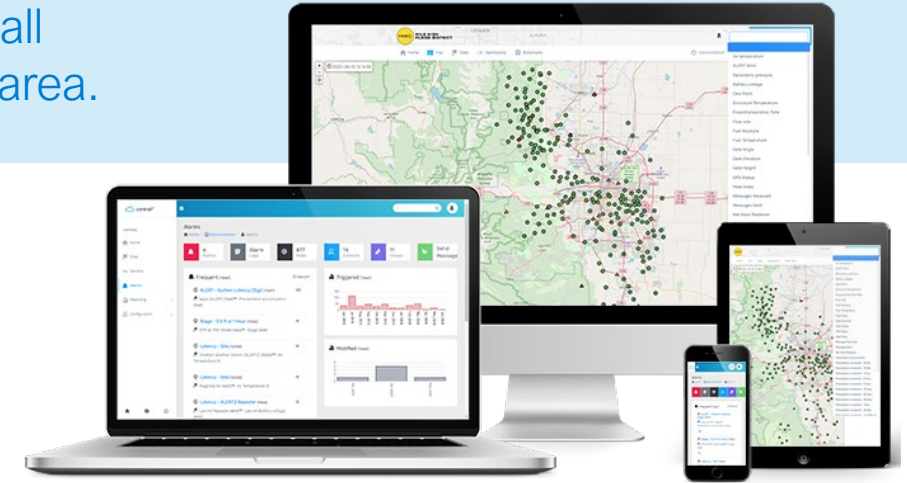
Branded Website

Provide your constituents with information through their own branded website that they can see and download data

Sue Swenor – Sales Manager, Texas & Oklahoma

Sue.Swenor@AEM.eco

512-931-9530



FEATURES

- ✓ Collect, visualize & alarm on critical flood and rainfall data
- ✓ Use your own gauges or utilize the surrounding agencies' gauges
- ✓ See surrounding agency rainfall data
- ✓ View information on any device
- ✓ Easily share your data with the public
- ✓ Website branding to match your agency
- ✓ Flexible tiers and deployments for all needs

Other Related Projects & Activities



Other Program Related Efforts

27th Annual FEMA L0273 Four-Day Course

- The Annual L0273 Course and CFM Exam for floodplain managers are SOLD OUT!
- This four-day course will be held **November 14-17, 2022**, at NCTCOG's offices in Arlington.
 - Location:
Metroplex Conference Room
Centerpoint II, 616 Six Flags Drive
Arlington, TX 76011
- TFMA Certified Floodplain Manager (CFM) exam to be held on **Friday, November 18, 2022**, following the four-day course.

Questions? Please contact Paul Gutierrez at Paul.Gutierrez@twdb.texas.gov for questions or comments about the course or contact Jai-W Hayes-Jackson at jhayes-jackson@nctcog.org or (817) 695-9212.

Other Program Related Efforts

North Texas Floodplain Administrators/CRS Users Group

- **Community Rating System Users Group**
- Annual combined CRS Users Group/Elected Officials Floodplain Seminar:
 - October 25, 2022
 - 41 attendees, including 7 elected officials
 - Presentations posted. [Click Here.](#)
- Goal is to hold quarterly CRS Users Group meetings
- Topics for future meetings are welcome
- 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

Keep up with NCTCOG E&D meetings and events here:

<https://nctcog.org/envir/events>

Other Program Related Efforts

Trinity River National Water Trail Task Force



- The Task Force met on November 2, 2022.
 - Paddling Trail Update – City of Irving
 - Dallas County Parks & Open Space Program
 - Coordinated Approach for Mitigation of Lock & Dam #1 in Southern Dallas
 - [View meeting materials here.](#)
- The next Task Force meeting TBD.



Other Program Related Efforts

Efforts Toward Integrated Transportation & Stormwater Planning

What is the TSI project?

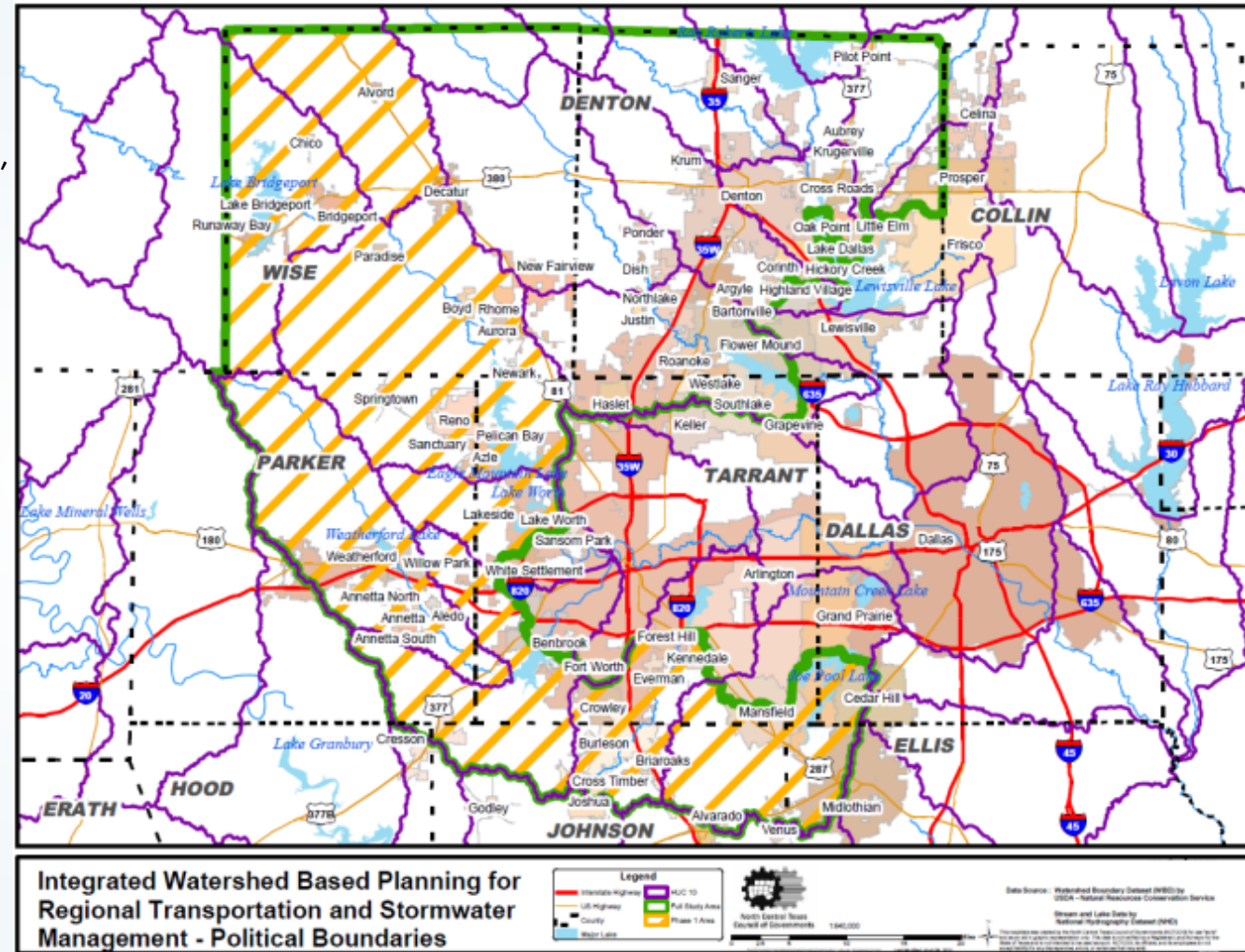
- Integration of regional stormwater management, urban development, transportation, and environmental planning: a collaborative effort with regional Transportation planners
- Proactive Prevention vs. Response

Project Updates

- ILA's are being finalized.
- NCTCOG and our partners are focusing on land use projections.
- NCTCOG is performing literature review of similar projects.

Project Website:

<https://www.nctcog.org/envir/watershed-management/upper-trinity-river-transportation-and-stormwater>



Phase One Project Area hatched in yellow - TWDB Commitment No. G1001314, North Central Texas COG Grant Agreement coverage area (remaining balance of Full Study Area to be undertaken with alternate funding sources/TxGLO provided to USACE)

Other Program Related Efforts

Cooperating Technical Partnership (CTP) Program

➤ FY19 Flood Risk Projects

- | | |
|---|---------------|
| ➤ Harriet Creek (Denton County, 7 miles) | 100% Complete |
| ➤ Waxahachie Creek (Ellis County, Midlothian, Waxahachie; 19 miles) | 100% Complete |

➤ FY20 Flood Risk and Outreach Projects

- | | |
|--|--------------|
| ➤ Catherine Branch (Denton County) – Hydrologic and Hydraulic analysis QA/QC underway. Preliminary mapping is in progress. | 53% Complete |
|--|--------------|

➤ FY21 Flood Risk Projects

- | | |
|--|--------------|
| ➤ Hog Branch (Denton County) – Terrain Data Capture and draft TSDN are underway. | 33% Complete |
| ➤ East Fork (Lowery Crossing and McKinney) – Terrain Data Capture and draft TSDN are underway. | 23% Complete |
| ➤ Upper West Fork Discovery – Preparation for Discovery meeting underway. | 38% Complete |

Other Program Related Efforts

integrated Stormwater Management (iSWM)

Integrated Stormwater Management (iSWM) Subcommittee

- The Public Works Council has approved a budget for a new iSWM contract beginning in FY23. A Request for Statement of Qualification (RFSQ) for the new iSWM contract is posted [online](#) for public bid.
- The iSWM FY23 Work Program Tasks have been posted online. Topics include:
- The City of Arlington was recently awarded a Bronze iSWM Certification for their Stormwater Management Criteria.
- Next Meeting: January 11, 2023, at 1:30 pm via Microsoft Teams. More information available [online](#).

Corridor Development Certificate Applications

Progress Since Last FMTF Meeting (as of 11/01/22): Currently making updates to the website.

New CDC Applications

- ARL 092622-01
- GP-20221014-1

Final Action Forms

- GP 040122-1
- FW 052322-1

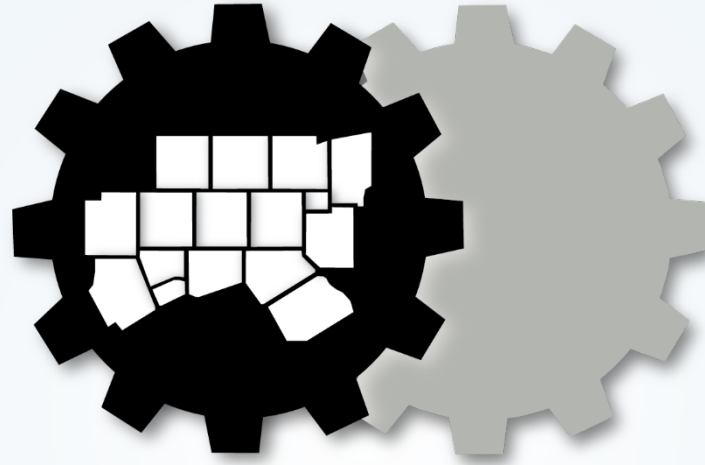
Technical Review Under Process

- GP 061422-1
- FW 091322-1
- FW 092622-1
- GP 092922-1

Exemptions

- FW 08172022-1
- FW 08172022-2
- GP 090922-1

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



ROUNDTABLE



Next FMTF Meeting Date

Friday, February 17, 2022

9:30 a.m.

Meeting Format is TBD.

Contact

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