

Texas Stream Team

Statewide Water Quality Citizen Science Program

PRESENTED BY:

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Watershed Services Program and Outreach Specialist,
The Meadows Center for Water and the Environment – Texas State University



THE MEADOWS CENTER
FOR WATER AND THE ENVIRONMENT
TEXAS STATE UNIVERSITY

TEXAS STREAM TEAM



ABOUT TEXAS STREAM TEAM

STATEWIDE CITIZEN SCIENCE WATER QUALITY MONITORING SINCE 1991

A network of trained citizen scientists and supportive partners administered through a cooperative partnership between:



**THE MEADOWS CENTER
FOR WATER AND THE ENVIRONMENT**
TEXAS STATE UNIVERSITY



EPA

United States
Environmental Protection
Agency



Melinda and
Robert Neblett



Trull
Foundation



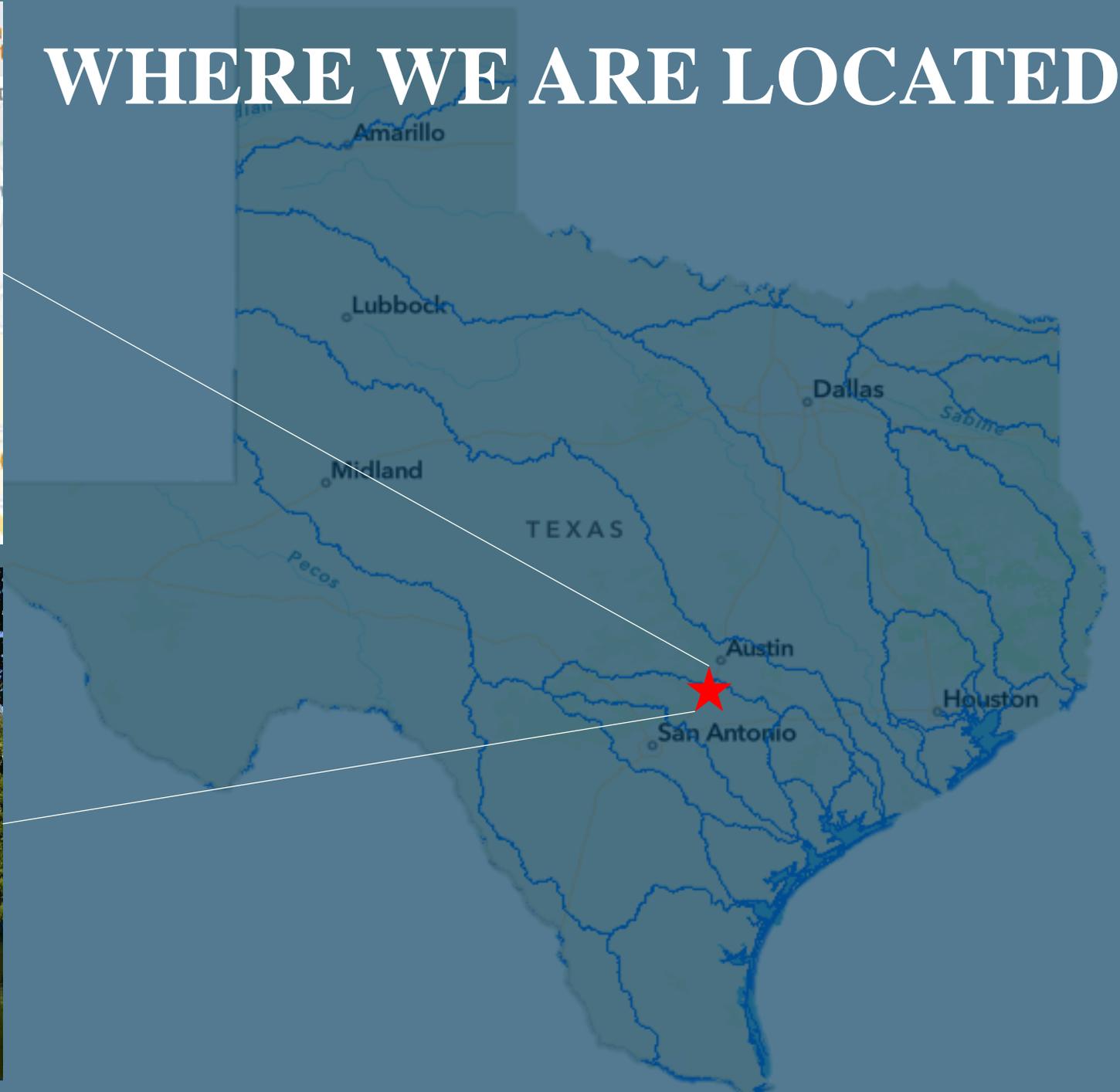
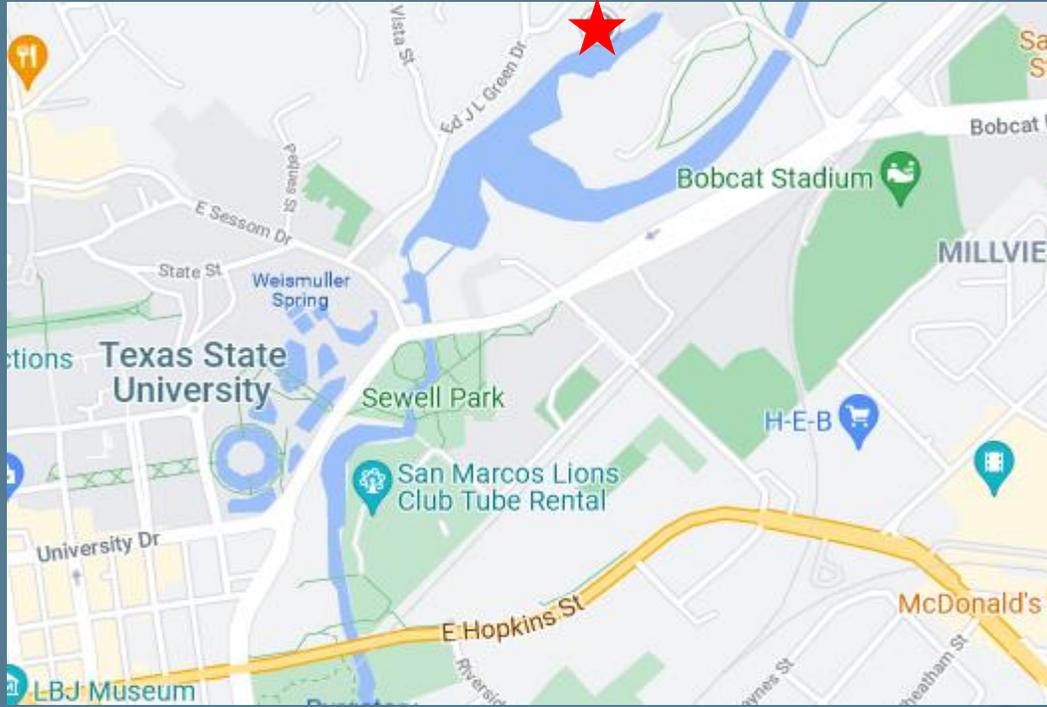
James A. "Buddy"
Davidson Charitable
Foundation





WHERE WE WORK

WHERE WE ARE LOCATED





MISSION:

To facilitate environmental stewardship by empowering a statewide network of concerned citizen scientists, partners, and institutions in a collaborative effort to promote a healthy and safe environment through environmental education, data collection, and community action.

11,200+
Citizen Scientists

400+
Monitoring Sites

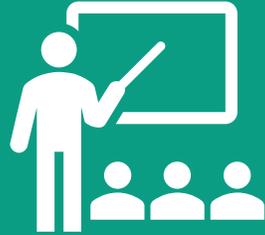
100+
Partners

An aerial photograph of a mountain range with a river valley, overlaid with a blue gradient. The text "TRAININGS AND PROGRAMS" is centered in white, bold, serif font.

TRAININGS AND PROGRAMS



**Texas Stream
Team**



Trainer



Citizen Scientist



STANDARD CORE

TRAINING

Parameters include
conductivity, dissolved
oxygen, pH, water
clarity, and field
observations using a
chemical kit

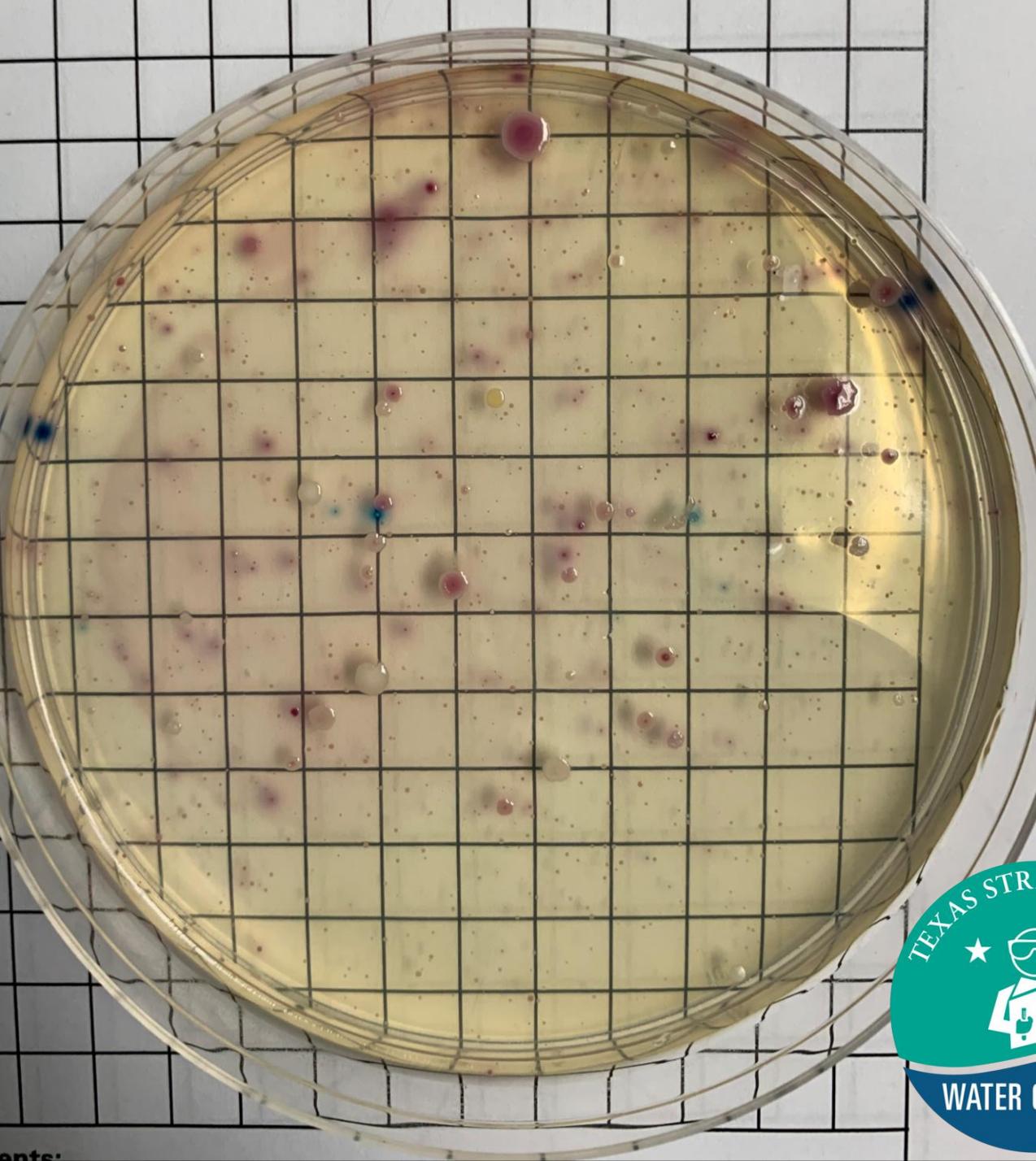




PROBE CORE TRAINING

Same core parameters
however,
collected using a
digital probe kit





E. COLI BACTERIA TRAINING

Involves performing
tests for *E. coli*
bacteria to detect
presence of fecal
contamination



ADVANCED TRAINING

Involves performing tests for nitrate-nitrogen, orthophosphate, turbidity, and streamflow using an Advanced kit



MACROINVERTEBRATE BIOASSESSMENT TRAINING

Assess the health
of your lake, river,
stream or estuary
based on the
aquatic insects'
present





RIPARIAN EVALUATION TRAINING

Assess the health of
waterways based on
evaluating the interface
between land and a
water body – known as
riparian areas





DATA USES

- Offers a look at the overall quality of watersheds and local water quality
- Assist state agencies in determining causes of pollution
- Supports WPP and TMDLs
- Data trends can have real world effects
- Education and outreach
- [Data Summary Reports](#)
- Research projects
- Submitted to EPA's [Water Quality Exchange \(WQX\)](#) portal
- Submitted into the [Waterways Dataviewer](#) database
- Publicly accessible on our interactive [Datamap](#)

An aerial photograph of a wide river valley, likely the Colorado River, with rugged mountains in the distance. The entire image is overlaid with a semi-transparent blue gradient. The text "GET INVOLVED" is centered in a white, bold, serif font.

GET INVOLVED



Texas Stream Team

<STREAM TEAM FEST>
Celebrating 30 Years of Citizen Science

Save the Date: Stream Team Fest is October 12-14, 2021!
Register to join Texas Stream Team virtually on October 12-14, 2021 for the 2021 Stream Team Fest to celebrate our program's 30th anniversary!

- ABOUT US
- PARTNERS
- TRAINERS**
- EDUCATORS
- DATA AND RESEARCH
- ONLINE STORE
- DONATE
- NEWS
- CONTACT US
- FAQ

**BECOME A
CITIZEN
SCIENTIST**

www.TexasStreamTeam.org



Use Left and Right Arrow Keys to Interact with Slideshow



[TRAININGS & PROGRAMS](#)



[DATAVIEWER & DATAMAP](#)



[FORMS & RESOURCES](#)



[CALENDAR](#)



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TRAININGS & PROGRAMS



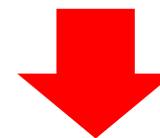
DATAVIEWER & DATAMAP



FORMS & RESOURCES



CALENDAR



Forms and Resources



Citizen Scientist Resources

Resources for future and current Texas Stream Team Citizen Scientists.



Trainer Resources

Resources for future and current Texas Stream Team Trainers.



BECOME A TRAINER

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PARTNER UP

www.TexasStreamTeam.org



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[TRAININGS & PROGRAMS](#)



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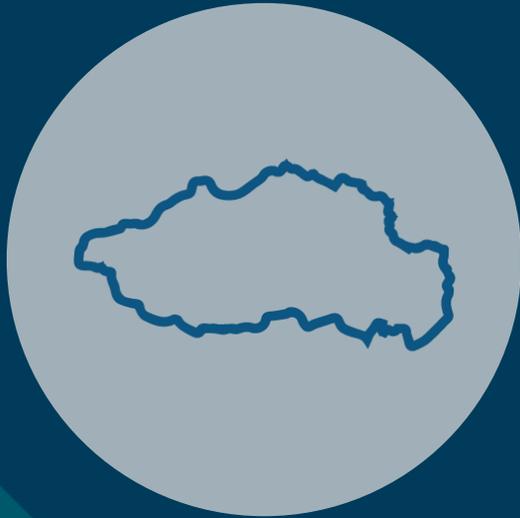


[FORMS & RESOURCES](#)



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HOW CAN TEXAS STREAM TEAM SUPPORT YOU?



WPP/TMDLs



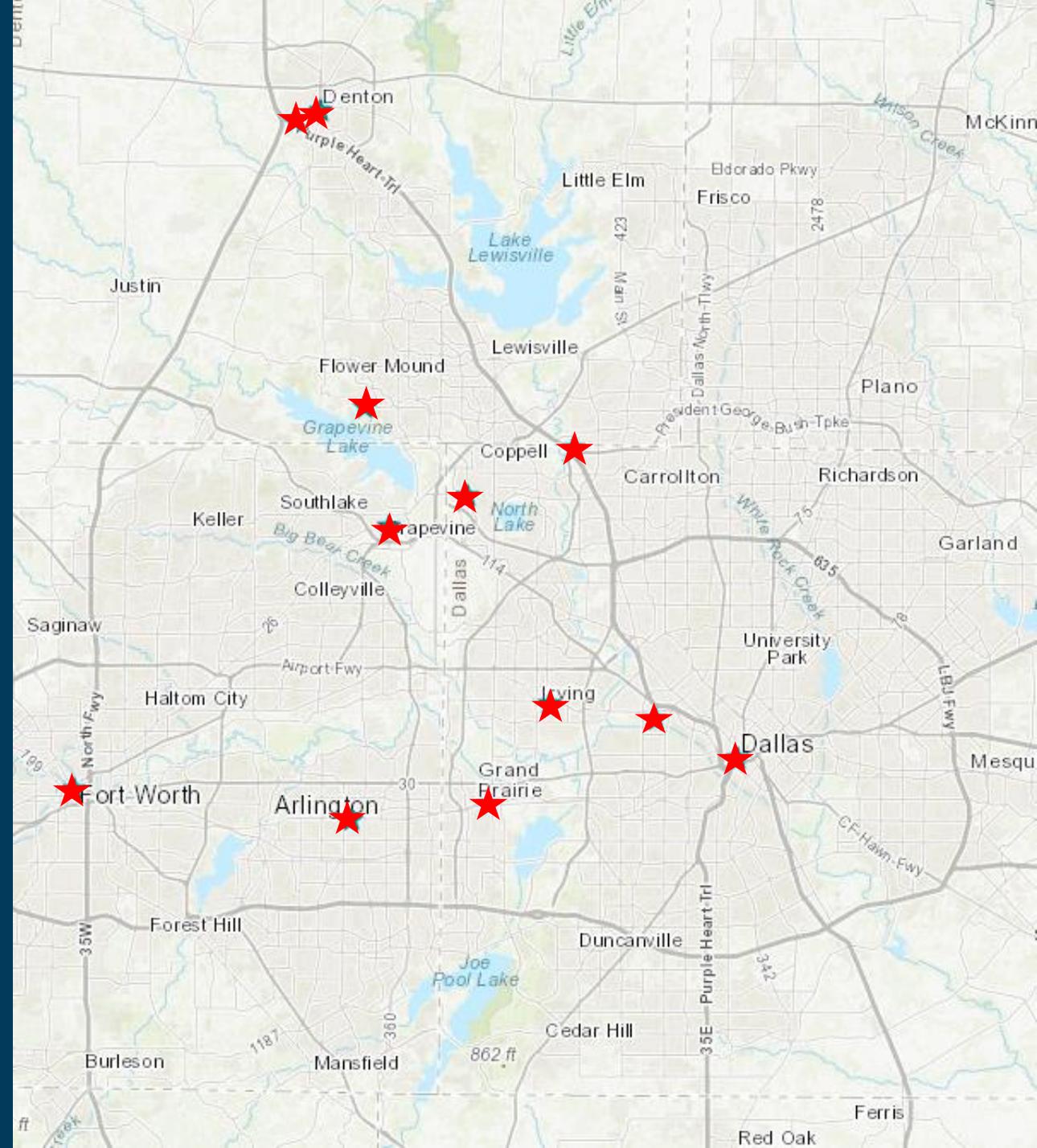
Match



CRP Efforts

LOCAL PARTNERS

- City of Fort Worth
- City of Arlington
- City of Grand Prairie
- City of Dallas
- Groundwork Dallas
- City of Irving
- City of Grapevine
- The Biodiversity Education Center (Coppell)
- Town of Flower Mound
- City of Denton
- AERI at UNT



LOCAL TRAININGS

- **10/1/2022** – Dallas | Standard Core Water Quality Citizen Science Training
- **1/14/2023** – Dallas | Standard Core Water Quality Citizen Science Training
- **4/8/2023** – Dallas | Standard Core Water Quality Citizen Science Training
- **TBD** – Dallas | Riparian Evaluation Training
- Contact Christopher Morris for more info:
christopher.morris@dallascityhall.com

ARTIST CREDITS

- Andrew Shirey
- Cooper Peterson