Welcome! We are glad you can join us for today’s event. We will be starting at 9:00AM.

**Sign-In**: Open the link sent in the chat and sign-in.

**Introduce yourself**: Please introduce yourself in the chat to everyone by stating your Texas Stream Team group name (if any), if you are with an organization, and where you are located.

**Housekeeping**:
- This meeting will be recording and posted on our website for future reference.
- Please mute your microphones and turn off your videos.
- Please direct all questions/comment to the chat feature.

Funding for this meeting was provided in part by the USEPA through the Texas Commission on Environmental Quality.
MEET OUR TEAM
Texas Stream Team - The Meadows Center for Water and the Environment

Jenna Walker
Program Manager

Aspen Navarro
Program Coordinator

Sandra Arismendrez
Water Quality Monitoring Coordinator

Laura Parchman
GIS and Data Management Associate

Claudia Campos
Administrative Coordinator

Meagan Lobban
Education Manager
AGENDA

1. 30th Anniversary
2. Texas Stream Team Updates
3. Reporting In-Kind Match
4. Waterways Dataviewer and Datamap
5. 2021 Goals
6. Q&A
HELP US CELEBRATE: SOCIAL MEDIA KIT
TEXAS STREAM TEAM UPDATES

Trainer Resources

- Adding trainings to public [Online Calendar](https://bit.ly/TSTSubmitEvents)
TEXAS STREAM TEAM UPDATE

Trainer Resources

• Training outreach materials and resources
  1. Brand Guide
  2. Flyer Templates
  3. Handout
  4. Program Video

JOIN THE RANKS!
TEXAS STREAM TEAM

STANDARD CORE WATER QUALITY CITIZEN SCIENTIST TRAINING

Training Date
Training Time
Training Address

Join the statewide program and become a certified Texas Stream Team citizen scientist at this free training! Citizen scientists can monitor at established sites and have the opportunity to create new sites at their favorite river, creek, or stream.

This training is also a wonderful opportunity for teachers wanting to get TEEAC credit hours!

Please dress accordingly for the outdoors.

To RSVP, please email
Enter contact email here

www.TexasStreamTeam.org
NEW Trainer Resources Page

- Leading a Training
- Becoming a Trainer
- Outreach Materials and Resources
- Additional Resources

NEW Trainer Enrollment Form

- Trainer Enrollment Form must be signed and submitted to TxStreamTeam@txstate.edu
- Trainings must be led by certified trainers
- Notify us if moving on
NEW Training Enrollment Form – Phasing Out Paper Training Packets

1. Training Enrollment Form OR Hardcopy Training Packet (Required)
   - For Training Enrollment Form: send trainees trainer name(s), date, and training type

2. Training Sign-In Sheet (Required)
   - How we verify who attended your training
TEXAS STREAM TEAM UPDATES

Training Supplies and Equipment

- Texas Stream Team QAPP
- Coliscan EasyGel (*E. coli* Bacteria)
  - Issues with media
Texas Stream Team Monitoring Equipment

Below are detailed lists of equipment for Texas Stream Team citizen scientists to conduct water quality monitoring. Texas Stream Team is a federally recognized state-wide monitoring program with an approved Quality Assurance Project Plan, therefore all monitoring must be conducted with the equipment listed in the sections below unless noted otherwise.

Texas Stream Team is entirely grant funded and is limited financially in our ability to help our growing state-wide citizen scientists at 11,000+. We highly encourage our citizen scientists and partners to seek alternate funding sources. To help guide our monitors to funding sources, we have created a Funding Sources Document. New partners and citizen scientists are more likely to receive Texas Stream Team funds to help them get established.

All pricing listed below is subject to change at the vendors discretion. To order supplies, simply visit the vendor's website or call them directly. Some vendors may require you set up an account with a valid credit card. Also, please note, Weber Scientific only conducts transactions with major organizations. If you need supplies from this vendor, please fill out our Funding Request Form and notify you will be covering the supply costs so we can order the supplies for you and invoice your organization for reimbursement. Please note, this may add 3-4 weeks for delivery time.

- Standard Core Water Quality Monitoring Equipment
- Probe Core Water Quality Monitoring Equipment
- E. coli: Bacteria Monitoring Equipment
- Advanced Water Quality Monitoring Equipment
- Stream Evaluation Monitoring Equipment
- Macroinvertebrate Biomonitoring Monitoring Equipment

Texas Stream Team Contact Information:

Phone: 512.245.1026
Email: TSTeam@texasstate.edu
Website: www.TexasStreamTeam.org

Standard Core Water Quality Monitoring Equipment

Standard Core monitoring involves performing tests for parameters such as conductivity/total dissolved solids, dissolved oxygen, pH, total dissolved solids, water and air temperature, and water transparency using a chemical Standard Core kit. In addition to these parameters, Standard Core citizen scientists also conduct various field observations.

Standard Core Monitoring Supplies

The supplies listed in the table below are necessary for starting your monitoring program. Please note, buckets, D/T bottles, waste containers, goggles, and gloves can be upgraded or purchased from the vendor of your choice. The conductivity meter should be calibrated to a value closest to the observed values in the water body you will be monitoring. Purchase the conductivity standard closest to the values observed. Most water bodies in Central Texas will be around 600 µS/cm, however if you are unsure of which conductivity standard solution to use, email us and we can assist you.

<table>
<thead>
<tr>
<th>Item</th>
<th>Vendor</th>
<th>Part #</th>
<th>Quantity</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>Standard Core Kit*</td>
<td>Abbott</td>
<td>UX91562-01</td>
<td>1</td>
<td>$64.95</td>
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<tr>
<td>120 cm Transparency &quot;Tube&quot;**</td>
<td>Lutron Scientific</td>
<td>TTY-120</td>
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<tr>
<td>Bucket</td>
<td>Horizon</td>
<td>05002</td>
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<td>$3.25</td>
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<td>D/T Water Bottles</td>
<td>Corning</td>
<td>87444-800</td>
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<td>51600-1</td>
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<td>Corning</td>
<td>02741-1</td>
<td>1000</td>
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<td>Corning</td>
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<td>Conductivity Standard 1400 µS</td>
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</table>
TEXAS STREAM TEAM UPDATES

Training Supplies and Equipment

Refractometer/Hydrometer

Conductivity Meters
TEXAS STREAM
TEAM UPDATES

Quality Control Sessions

• NEW Frequency – every 2 years

• Updated Monitoring Forms & Training Documents
  o NEW Field QC Checklists
  o More details to come in 2021
TEXAS STREAM TEAM UPDATES

Quality Assurance Requirements

Monitoring Protocols and Documentation
• Dissolved Oxygen
• Conductivity Meter Pre-/Post-Calibrations
• pH – Meter and Colorimeter
• Refractometer Calibration
• Temperature Check
TEXAS STREAM TEAM UPDATES

Reporting In-Kind Match

• **What is match?**
  • Match is non-federal share of costs
  • Our TCEQ grants require matching funds and are reported quarterly
  • Let’s us gather the value of volunteer time for our program!
  • Sources can include total time spent participating in the program, total distance traveled to your training / QC session / event location, staff time, and supplies (office supplies, kits, reagents, etc.)

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### Reporting In-Kind Match

**Certification Sessions**

- **Number of Sessions**: 
- **Average length of Sessions**: (15 min. increments)
- **Participants for all sessions**: 
- **Documentation**: Sign-in sheet

**QC Sessions**

- **Number of Sessions**: 
- **Documentation**: Sign-in sheet

**Environmental Education Presentations**

- **Number of Sessions**: 
- **Documentation**: Sign-in sheet

**Services and Supplies**

- **Indicate total non-federally supported expenses**: 

**Non-Federally Supported Coordinator Travel**

- **Indicate # Miles traveled**: 

<table>
<thead>
<tr>
<th>Non-Federally Supported Coordinator Hours</th>
<th>Hourly rate (Actual rate or $27.28, whichever is higher)</th>
<th># Hours</th>
<th>Documentation</th>
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<tr>
<td>Coordinator hours</td>
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<td></td>
<td></td>
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<tr>
<td>Approximate dates and location of activities planned for the next quarter:</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Amount raised/received from non-federal sources this quarter:</td>
<td>$</td>
<td></td>
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<td>Comments:</td>
<td></td>
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TEXAS STREAM TEAM UPDATES

Reporting In-Kind Match

- **NEW** Electronic [Partner Activity Report Form](#)
- Reminders
  - Not required if zero activity/expenses to report
  - Not required to submit report if you plan to report your Texas Stream Team match to another federally-assisted project or program
  - Supporting documentation (Required)
TEXAS STREAM TEAM UPDATES

Datamap Dashboard
TEXAS STREAM TEAM UPDATES

Updated **Dataviewer** Forms

- Core – Standard and Probe
- *E. coli* Bacteria
- Riparian Evaluation
TEXAS STREAM TEAM UPDATES

Waterways Dataviewer and Datamap

- Creating New Monitoring Sites
  - NEW Monitoring Site Request Form
TExAS STREAM TEAM UPDATES

2021 Goals

- Electronic Monitoring Forms
- Outreach Materials and Resources
- Monitoring Protocol Videos
- Training Checklists
- Updated Curriculum
- CPE Credit
- Virtual QC Sessions
- Training Manuals
- Equipment Maintenance Videos/Documents
WEBSITE TOUR:
www.TexasStreamTeam.org
Contact Information

Texas Stream Team
TxStreamTeam@txstate.edu
(512) 245-1346
www.TexasStreamTeam.org