

Texas Stream Team

MONITORING AND OUTREACH UPDATE

Prepared in cooperation with the Texas Commission
on Environmental Quality and U.S. EPA.

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WHO WE ARE



- A joint partnership with the Texas Commission on Environmental Quality, U.S. EPA Region VI, Texas State University-San Marcos, and numerous partners.
- Support a network of volunteer water quality monitors

Plum Creek Elementary 4th grade students, testing water samples, January 27, 2012

Blanco River

- 9 active, 7 inactive

Cypress Creek

- 9 active

Plum Creek

- 4 active, 8 inactive

Hill Country Master Naturalist (NEW)

- 8 new sites, seven above Canyon Lake, 1 below Comal River

Guadalupe River (GBRA)

- 10 active, 2 inactive (one listed on Plum Creek)

Guadalupe and Tributaries (Lindheimer MN)

- 23 active

San Marcos River Foundation-River Rangers

- 23 active

Upper Guadalupe (Kerrville)

- New Trainer Floyd Trefny
- 5 active

Walnut Creek (GBRA)

- 1 active, 1 inactive

MONITORING LOCATIONS



Basin 18 - Guadalupe River

- 178 total sites
- 66 active
- 49 empty
- 5 sites in wrong basin

NEW
2011-2013



PROGRAM TOOLS

■ Volunteer Monitoring

- Group Oriented
- Data Viewer
- Online Self-Assessment

Testing Modules

■ Education & Outreach

- Sedimentation
- Paperless Newsletter
- Email Marketing

LINKS TO TOOLS

■ Data viewer

- <https://aqua.rivers.txstate.edu/>

■ Online modules

- <http://txstreamteam.rivers.txstate.edu/monitors/quality-control-self-assessment.html>

■ Facebook

- <http://www.facebook.com/TexasStreamTeam>

[Join Texas Stream Team](#)

[Query by Basin Map](#)

[Query by Region Map](#)

[Query by Partner](#)

[Query by Group](#)

Texas Stream Team

Texas Stream Team is a network of trained volunteers and supportive partners working together to gather information about the natural resources of Texas and to ensure the information is available to all Texans. Established in 1991, Texas Stream Team is administered through a cooperative partnership between Texas State University, the Texas Commission on Environmental Quality (TCEQ), and the U.S. Environmental Protection Agency (EPA). Currently, over 1,400 Texas Stream Team volunteers collect water quality data on lakes, rivers, streams, wetlands, bays, bayous, and estuaries in Texas.

Texas Stream Team is currently housed in The Landing Building at Aquarena Center, located on beautiful Spring Lake in San Marcos, Texas. Our program is affiliated with River Systems Institute - Texas State University-San Marcos.

**Texas Stream Team
Water Quality Data**

Retrieve detailed water quality information collected by volunteer monitors for the State of Texas

Click on any of the icons on the map to the right to retrieve detailed water quality data for that location. You can zoom and pan around the map as you can with any other [Google Maps](#) application. The information on the TST water quality data site is principally designed for use by volunteer water quality monitors and is subject to revision.

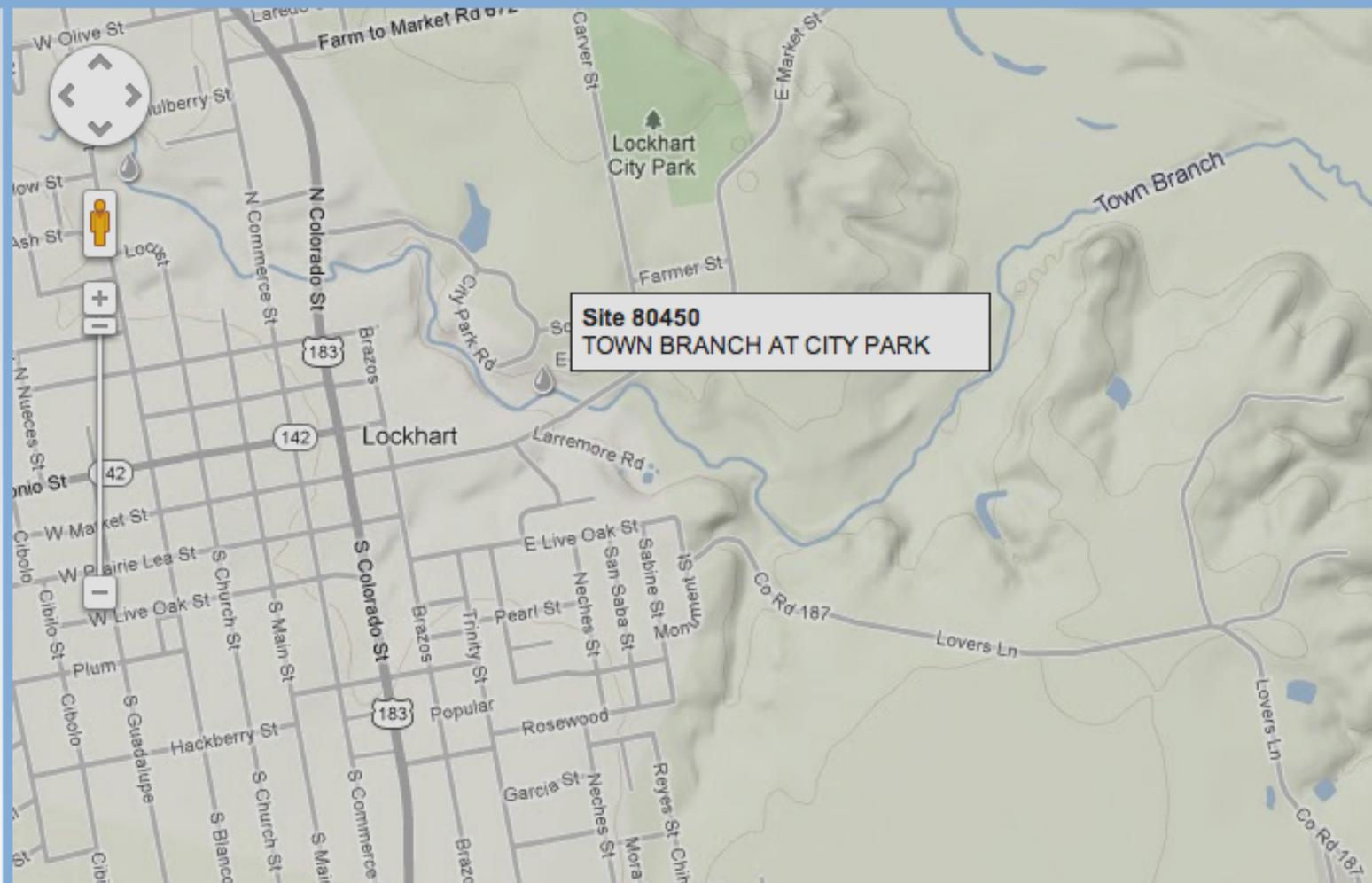
Toggle map data below

Monitoring Stations

-  **Currently Monitored**
-  **Not Currently Monitored**

Base Map Data

- Stream Overlay**
- Watershed Overlay**
- County Boundaries**



Date	Time	Air Temp (C)	Water Temp (C)	Flow	pH	Nitrates-N (mg/L)	DO Avg (mg/L)	Cond (µS/cm)	Days Since Rain	Rainfall (in.)	GTLT	Secchi (M)	E.coli (cfu's)
5/30/2008	10:15	25.0	22.5	2	8.1			790	14	0.2	>	0.2	
5/30/2008	10:15	25.0	22.5	2	8.1		0.0	790	14	0.2	>	0.2	
3/28/2008	10:25	23.5	20.0	2	8.1		8.0	780	5	0.0	>	1.0	0
2/22/2008	10:15	11.0	15.0	2	8.3		10.0	780	0		>	1.0	
2/22/2008	10:15	11.0	15.0	2	8.3		10.0	780	0	0.0	>	1.0	
11/15/2007	10:07	16.5	15.5	3	8.0		7.8	810	5	0.0	>	1.0	0

Online Resources

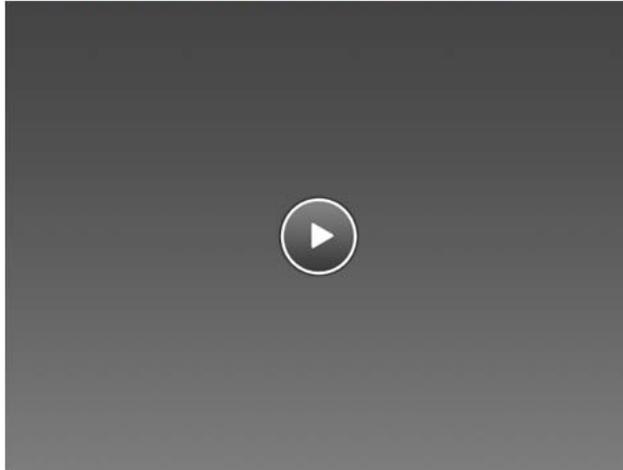
Texas Stream Team Home
River Systems Institute
Texas Commission On Environmental
Quality
Environmental Protection Agency
Region 6
Aquarena Center

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Conductivity Self-Assessment

Measuring Conductivity (using dual meter)



Divided version of Manual for download:

- Texas Stream Team Water Quality Manual 2010 part1 (p. 1-17)
- Texas Stream Team Water Quality Manual 2010 part2 (p. 18-41)
- Texas Stream Team Water Quality Manual 2010 part3 (p. 42-57, p58 is blank)
- Texas Stream Team Water Quality Manual 2010 part4 (p. 59-76)

Water Quality Monitoring Procedures-Field Reference Guide 2009 (pdf, 149 KB)

Other videos can be seen here.



This test allows you to save and resume it at a later date if you wish.

Start test

Resume test

Start new test 

Log in and resume your test 

Save login details to start test

Register your details to ensure you can come back and log in and finish this test later if you wish.

Email address:

Create password:

Re-Type password:

Submit 

- Refresher test
- Tracking System
- Completion Certificates

Thank you

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