

# Texas Stream Team

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# WHAT IS THE DATAVIEWER

The screenshot shows the Texas Stream Team Data Viewer web application. At the top left is the logo for the Texas Stream Team with the tagline "Caring for Our Waters". At the top right, it displays the user ID "User js27254" and a "sign out" link. A dark blue sidebar on the left contains a list of navigation links: "Assign Access Rights", "Assign Partners/Groups", "Create/Update Partners", "Create/Update Groups", "Create/Update Site Information", "Assign Monitors to Sites", "Add Monitor Training Information", "Enter Monitoring Data", "Proof Monitoring Data", "Edit Contact Information", and "View Volunteer Information". Below the sidebar, the main content area is titled "Texas Stream Team" and contains two paragraphs of text. The first paragraph describes the team as a network of trained volunteers and supportive partners working together to gather information about the natural resources of Texas and ensure the information is available to all Texans. It mentions the team's establishment in 1991 and its administration through a cooperative partnership between Texas State University, the Texas Commission on Environmental Quality (TCEQ), and the U.S. Environmental Protection Agency (EPA). It also states that over 1,400 Texas Stream Team volunteers collect water quality data on lakes, rivers, streams, wetlands, bays, bayous, and estuaries in Texas. The second paragraph states that the Texas Stream Team is currently housed in The Landing Building at Aquarena Center, located on beautiful Spring Lake in San Marcos, Texas, and is affiliated with the River Systems Institute at Texas State University-San Marcos.

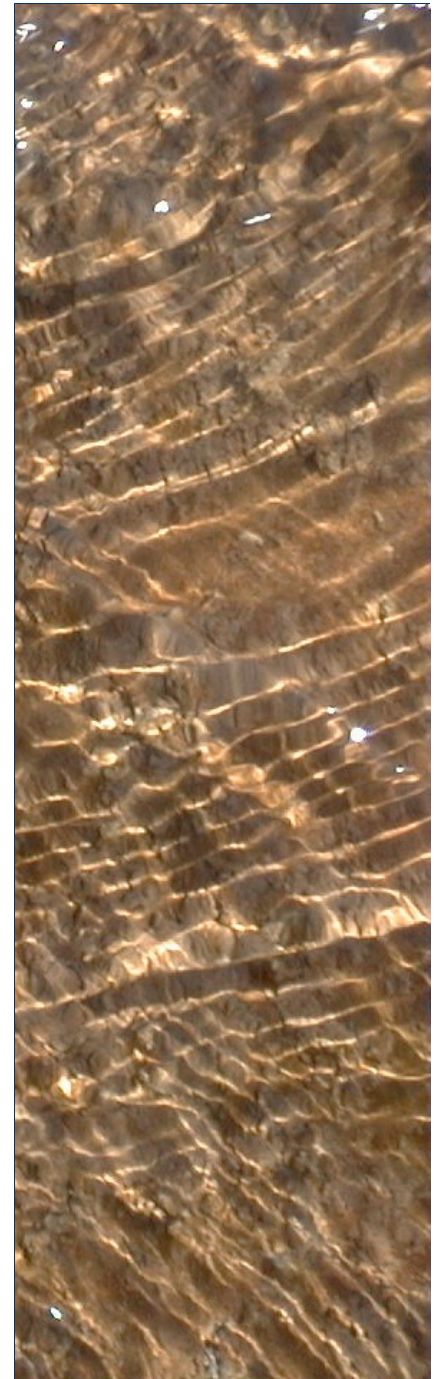
- Developed by LRCA and TST to allow monitors to do the following
  - View historic and current data for active and inactive sites
  - Enter and proof data online
  - Update group, site and contact information online

# ANY ONLINE USER CAN

- See all historic and currently active sites
- Locate sites by basin or region
- Can view and download data from each site
- Can view all sites managed or sampled by a specific group or partner

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

# JOINING THE TST DATAVIEWER



[Join Texas Stream Team](#)

[Query by Basin Map](#)

[Query by Region Map](#)

[Query by Partner](#)

[Query by Group](#)

### Sign up for your Texas Stream Team account.

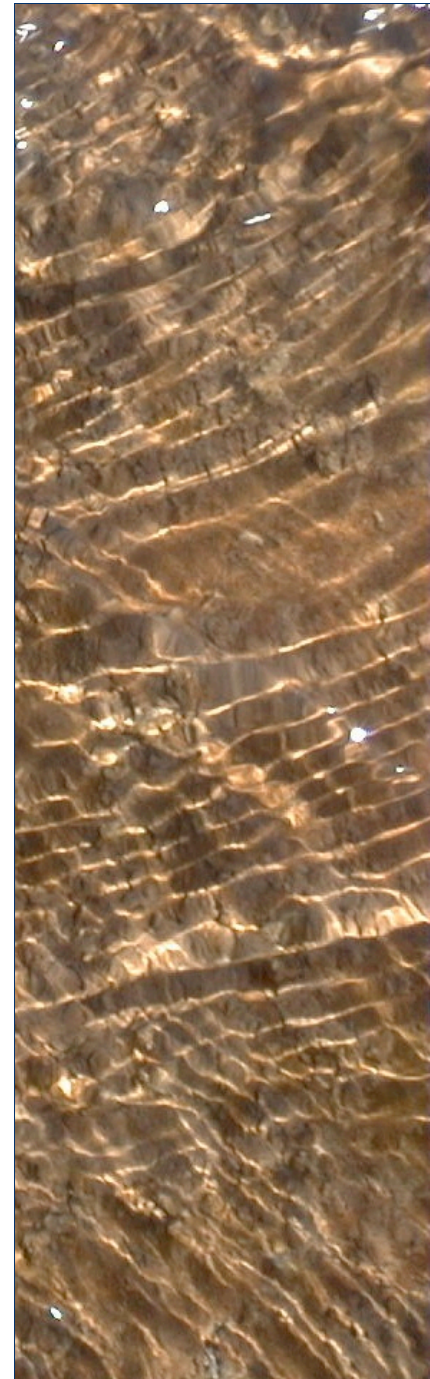
Please note that the email address must be unique for each monitor. If you are sharing an account with someone, please consider creating an alias account (where you use multiple email addresses to access the same account) or opening another account with a free service. Please [contact us](#) if you need assistance.

**Texas State University-San Marcos** makes the following statement in regards to information gathering and dissemination practices for its web pages:

[Privacy Statement](#)

|                                |   |                    |                                     |
|--------------------------------|---|--------------------|-------------------------------------|
| First Name:                    | <input type="text"/>                                    | Last Name:         | <input type="text"/>                |
| Title:                         | <input type="text"/>                                    | Affiliation:       | <input type="text"/>                |
| Address Type:                  | Home <input type="button" value="v"/>                   |                    |                                     |
| Street:                        | <input type="text"/><br><input type="text"/>            |                    |                                     |
| City:                          | <input type="text"/>                                    | County:            | <input type="text" value="v"/>      |
| State:                         | <input type="text"/>                                    | Zip:               | <input type="text"/>                |
| Phone:                         | <input type="text"/> (XXX-XXX-XXXX)                     | Work:              | <input type="text"/> (XXX-XXX-XXXX) |
| Partner:                       | No Partner Affiliation <input type="button" value="v"/> |                    |                                     |
| Group:                         | No Group Affiliation <input type="button" value="v"/>   |                    |                                     |
| Subscribe to our E-newsletter? | No <input type="button" value="v"/>                     | Are you a teacher? | No <input type="button" value="v"/> |

# AS A MONITOR



# DATA SHEET

Click [here](#) if you need help entering data online.

Site Name: 80549 - "ACID DITCH" @ ATLANTIC RD  
 Monitor:  Sample Date: MM/DD/YYYY   
 Sample Time (military): HH:MM  Sample Depth not total depth (meters):   
 Meter Calibration Log: Store and calibrate standard at room temperature.  
 Calibration Date: MM/DD/YYYY  Calibration Time (military): HH:MM   

| Meter Type   | Standard Solution (M) | Standard Volume | Initial Meter Reading | Meter Adjusted To | Post-Test Reading |
|--------------|-----------------------|-----------------|-----------------------|-------------------|-------------------|
| Conductivity |                       |                 |                       |                   |                   |
| pH 7.2       |                       |                 |                       |                   |                   |

**Core Tests and Measurements:**

Specific Conductance (microsiemens)  
 Air Temperature (°C)  
 Water Temperature (°C)  
 Average Dissolved Oxygen (all values within 0.5 mg/L)  
1st titration  2nd titration   
 pH (standard units)  
 -Flick-  Secchi Depth (meters)  
 Total Depth (meters)  
 Transparency Tube (meters)

**Reagents: Are any reagents or standards expired?**

- Select -

**Dissolved Oxygen:**

Manganous Sulfate Solution  
 Alkaline Potassium Iodide Azide  
 Sulfuric Acid  
 Sodium manganate  
 Starch Indicator Solution

**pH:**

Wide Range Indicator

**Nitrate:**

Nitrate #1 Tablet  
 Nitrate #2 CTA Tablet

**Orthophosphate:**

Phosphate Reagent  
 Phosphate Filtration Aid Solution

**Turbidity:**

Standard Turbidity Reagent

**Additional Tests Conducted:**

1. Nitrate Nitrogen: -Flick-  mg/L

2. Flow:  cfs  
Width (ft) x Depth (ft) x Avg. velocity (ft/sec) = cfs  
 Avg Velocity ft/s  
 Avg Depth ft  
 Width ft

3. Turbidity: -Flick-  JTU

4. Orthophosphate: -Flick-  mg/L

**Coastal Area Salinity Tests:**

Sample Temperature (°C)  
 Salinity (ppt)  
 - Select  Tide Stage

**Comments, Other Supply Needs, Field Observations:**

E. coli bacteria: - Select -

**Data Quality Review Checklist:**

Certified for bacteria monitoring  
 Incubation time was 28 to 31 hours  
 Incubation temperature is 33°C (+/- 3°C)  
 No colony growth on field blank  
 Coliscan media is not expired

Reading #1:  mL (colonies counted):  x  (dilution factor\*) =  cfu/100mL

Reading #2:  mL (colonies counted):  x  (dilution factor\*) =  cfu/100mL

average E. coli

\*dilution factor = 100 divided by volume of sample processed  
 (e.g. 1 mL sample = dilution factor 100, 5 mL sample = dilution factor 20)

Minutes sampling and traveling  Miles traveled (round trip)  Number of participants

Two photographs can be uploaded with each data sheet entered online. All fields in RED are required fields.

[SUBMIT](#) [Cancel](#)

Please review the data you have entered before submitting.

- [Assistant Access Studies](#)
- [Assess Data/Reports/Charts](#)
- [Create/Update Parameters](#)
- [Create/Update Groups](#)
- [Create/Update Site Information](#)
- [Assign Monitors to Sites](#)
- [Add/Modify Training Information](#)
- [Edit/Reconfigure Data](#)
- [Modify/View Data](#)
- [Edit Contact Information](#)
- [View/Update Information](#)
- [Query by Month](#)
- [Query by Monitor Name](#)
- [Query by Parameter](#)
- [Query by Group](#)

## MONITORS CAN:

Do everything already mentioned

View their trainings

View and update contact information

Enter Water Quality Monitoring Data

# AS A GROUP LEADER





- [Assign Access Rights](#)
- [Assign Partners/Groups](#)
- [Create/Update Partners](#)
- [Create/Update Groups](#)
- [Create/Update Site Information](#)
- [Assign Monitors to Sites](#)
- [Add Monitor Training Information](#)
- [Enter Monitoring Data](#)
- [Proof Monitoring Data](#)
- [Edit Contact Information](#)
- [View Volunteer Information](#)
- [Query by Basin Map](#)
- [Query by Region Map](#)
- [Query by Partner](#)
- [Query by Group](#)

### Add or edit group information.

AM - ALAMO AREA MASTER NATURALISTS

Group ID: AM      Active:

Name: ALAMO AREA MASTER NATURALISTS

Street: 20807 WIND SPRINGS

City: SAN ANTONIO

State: TX      Zip: 78258

Phone: 2106020330 (XXX-XXX-XXXX)      Email: MFCURRY@SATX.PR.COM

Contact Person: MICHELLE FISHER CURRY (mfcurry)

Monitoring Coordinator: MICHELLE FISHER CURRY (mfcurry)

Training Coordinator: ROBERT THOMPSON (robert)

Equipment Manager: No Equipment Manager

Data Manager: ROBERT THOMPSON (robert)

QAQC Manager: ROBERT THOMPSON (robert)

Date Created: 6/5/2012      Number of Newsletters:

Comments:

[Update](#)

County: Aransas

Site: LITTLE BAY @ BROADWAY

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Site ID: 16232      Active:

Description: LITTLE BAY @ BROADWAY

Site Type: C

Latitude: 28.04767      Longitude: -97.03281

County: Aransas      Region: Corpus Christi

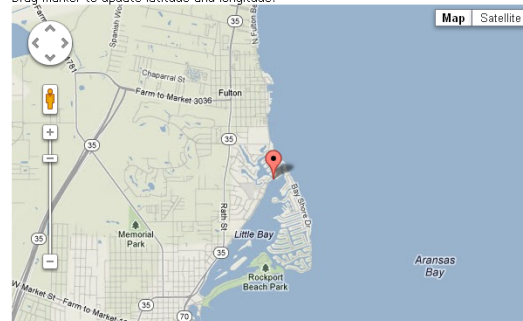
Basin: Bays and Estuaries      Stream Segment: 2471

Comments:

Date Added:       Date Updated: 7/11/2012

[Update](#)

Drag marker to update latitude and longitude.



# GROUP LEADERS CAN:

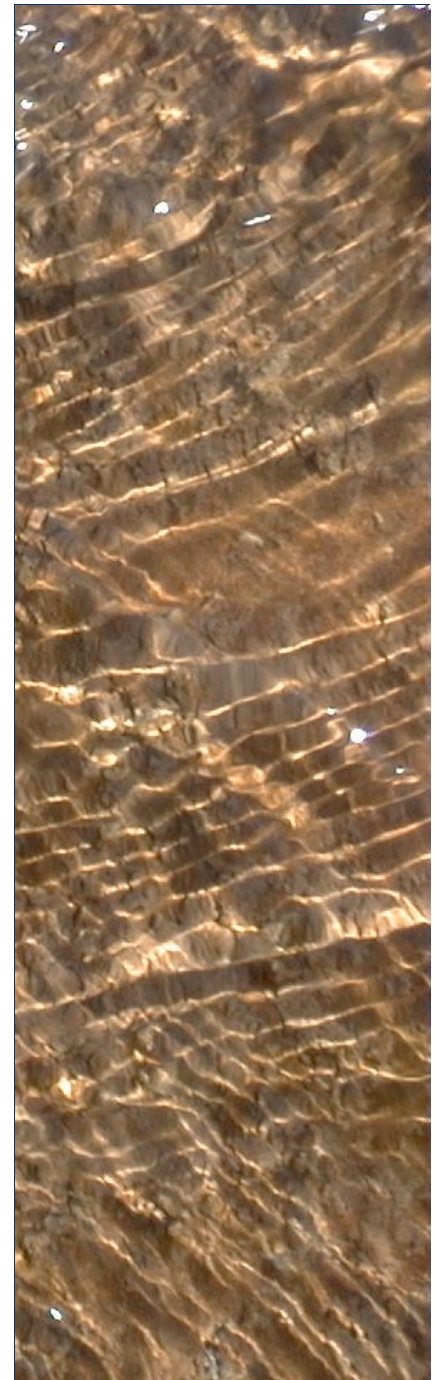
Do everything already mentioned

Manage site information, including assign monitors to sites

Update information for monitors in their group

Review and proof data submitted by group

# AS A PARTNER LEADER



- [Assign Access Rights](#)
- [Assign Partners/Groups](#)
- [Create/Update Partners](#)
- [Create/Update Groups](#)
- [Create/Update Site Information](#)
- [Assign Monitors to Sites](#)
- [Add Monitor Training Information](#)
- [Enter Monitoring Data](#)
- [Proof Monitoring Data](#)
- [Edit Contact Information](#)
- [View Volunteer Information](#)
  
- [Query by Basin Map](#)
- [Query by Region Map](#)
- [Query by Partner](#)
- [Query by Group](#)

### Add or edit partner information.

P139 - ACTIVE LAVACA NAVIDAD RIVER.AUTHORITY

Partner ID:  Active:

Name:

Partner Type:  Partner Level:

Street:

City:

State:  Zip:

Phone:  Email:

Resources:

Agreement Date:  Number of Newsletters:

Contact Person:

Comments:

[Update](#)

- [Assign Access Rights](#)
- [Assign Partners/Groups](#)
- [Create/Update Partners](#)
- [Create/Update Groups](#)
- [Create/Update Site Information](#)
- [Assign Monitors to Sites](#)
- [Add Monitor Training Information](#)
- [Enter Monitoring Data](#)
- [Proof Monitoring Data](#)
- [Edit Contact Information](#)
- [View Volunteer Information](#)
  
- [Query by Basin Map](#)
- [Query by Region Map](#)
- [Query by Partner](#)
- [Query by Group](#)

### Enter Monitor Training Info

Monitor:

Training Type:

Training Date:

| Record ID | Description            | Training Date | Created Date | Select                 |
|-----------|------------------------|---------------|--------------|------------------------|
| 30091     | Core Phase I Training  | 9/30/2011     | 9/30/2011    | <a href="#">Delete</a> |
| 30092     | Core Phase II Training | 9/30/2011     | 9/30/2011    | <a href="#">Delete</a> |

- [Rights](#)
- [Groups](#)
- [Partners](#)
- [Groups](#)
- [Site Information](#)
- [Vol Sites](#)
- [Basin Information](#)
- [Data](#)
- [Data](#)
- [Information](#)
- [Information](#)
  
- [Map](#)
- [Map](#)
- [Partner](#)
- [Group](#)

### Assign Users to Partners and Groups

User: Adrian Vogl (avogl)  
Partner:  
Group:

Select a User:

Assign to Partner:

Assign to Group:

# PARTNER LEADERS CAN:

Do everything already mentioned

Manage site information, including assign all monitors they manage to sites

Update information for monitors and groups they manage

Review and proof data submitted by all monitors they manage

# LINKS TO TOOLS

- Dataviewer

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

- Online modules

- <http://txstreamteam.rivers.txstate.edu/data/data-viewer.html>

- Facebook

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