



Headwaters

River Systems Institute Texas State University-San Marcos EPA Region 6 TCEQ Winter/Spring 2011

20th

ANNIVERSARY

Texas Stream Team Turns 20 & Meeting of the Monitors

[Read more on page 10](#)

EPA Environmental Education – Cunningham Middle School Students Test Water at Oso Creek

by Cassandra Granados, 6th Grader Student

Corpus Christi—Claude Cunningham Middle School sixth grade students took water samples this past November and



December from Oso Creek. Students collected environmental data and learned to read pH and how to record other important data about the creek.

[\(Continued on Page 2\)](#)

Upper Cibolo Creek Watershed: 15 Years of Involvement

by Donna Taylor, Cibolo Nature Center

The Cibolo Nature Center (CNC) in Boerne, Texas is an enchanted place. It is enchanted not only because of the four distinct ecosystems on its 162 acres, but also because of the synergy of its volunteers and staff who are dedicated to the conservation of the area's natural resources.



The Cibolo Creek's headwaters begin northwest of Boerne and flow about 16 miles before reaching the bald cypress gallery located at the Cibolo Nature Center.

[\(Continued on Page 3\)](#)

Getting Involved with the Clean Rivers Program

by Neal Denton, Texas Stream Team Data Specialist

Many citizens sample water quality to be involved in the effort to protect a water body they value. The information collected is instrumental in understanding water quality conditions and identifying areas of potential concern.

[\(Continued on Page 5\)](#)

Cunningham Middle School

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Cunningham students used the water samples to test the water temperature, pH, dissolved oxygen, conductivity, and water clarity.

I talked to some of the students about Oso Creek and they summarized their work with the following statements. Several students said they smelled a bucket full of creek water after throwing it in the water and it smelled like watermelons. They also said they threw a Secchi disc into the water and measured the clarity and depth of the water. The students mixed chemicals into their water samples and performed many experiments.

The students took time to observe Oso Creek and discovered the remains of dead crabs and deer tracks that were left in the muddy banks along the creek. Some students decided to take pictures of the crab remains and the deer tracks and others actually followed the tracks to see where they led. Along with the discoveries of the crab and tracks, live animals were seen along the creek and in the water itself. The students reported they had seen fish jumping and flying out of the water as well as turtles just walking through the mud, minding their own business. All in all, the students seemed to have a great time performing experiments and experienced through a life-changing field trip. ●



Students testing Oso Creek water in November 2010

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**Texas Stream Team
Headwaters
Vol. # 4 No. # 1, 2011**

The mission of Texas Stream Team is to facilitate environmental stewardship by empowering a statewide network of concerned volunteers, partners, and institutions in a collaborative effort to promote a healthy and safe environment through environmental education, data collection, and community action.

Program Director
Jason Pinchback

Outreach Coordinator
Jennifer Mandel Buratti

Volunteer Coordinator
Josh Oyer

Administrative Coordinator
Terry Wendland

Grant Specialist
Neal Denton

Database Manager
Robert Sams

TCEQ Project Manager
Lauren Bilbe

**River Systems Institute
Executive Director**
Andrew Sansom

Headwaters disseminates information about nonpoint source pollution and facilitates the exchange of ideas and monitoring data between environmental monitors and supporting partners throughout the state of Texas.

The newsletter is published three times a year. For a free subscription, call toll free at (877)506-1401 or submit your online request at <http://txstreamteam.rivers.txstate.edu/newsletter-request.html>.

Contributions to the newsletter are welcomed and encouraged. Please send any articles, letters, or questions to Texas Stream Team at the postal address listed on the back page or submit them via email to the editor.

If you wish to reprint any material published in *Headwaters*, please notify the editor and submit a copy of the final publication.

Upper Cibolo Creek Watershed

(Continued from page 1)

The Cibolo Creek, which serenely flows through the nature center, is the lifeblood of the Boerne community, not only serving as the inflow to Boerne City Lake (the city's drinking water reservoir), but also as a source of numerous recreational opportunities and pure aesthetic enjoyment.

Back in the summer of 2008 the TCEQ newsletter *The Water Monitor* ran a story called "Cibolo Creek – A Success Story". The story outlined how a waste load evaluation led the TCEQ to suggest that the CNC and the City of Boerne submit a grant proposal to fund the creation of a Watershed Protection Plan (WPP) for this wonderful creek. The CNC and City of Boerne worked collaboratively on the proposal and it was funded in August of 2009.

But it didn't begin there. It all began with a small core of dedicated water quality monitors, guided by former CNC employee Anne Adams (Oct 2010 Texas Stream Team volunteer spotlight). The monitoring team has been collecting data as Texas Stream Team volunteers in 1996.

With funding secured, it was obvious to the City of Boerne Watershed Coordinator, Ryan Bass, that additional monitors could be trained so that more, interested citizens could participate in the process. Thus, Texas Stream Team, the CNC and City of Boerne enthusiastically hosted a Water Quality Monitor training workshop in September 2010. The response was

overwhelmingly positive and 29 new water quality monitors were certified. Many of the newly certified monitors participated this past December and January collecting samples for a bacteria intensive survey, conducted as part of the Upper Cibolo Creek WPP.

The City of Boerne and the CNC are proud of the progress so far in this collaborative effort. The CNC offers volunteer opportunities and educational programs in all realms of natural resource conservation. For additional information visit <www.cibolo.org>. ●



Upper Cibolo Creek volunteers learn the methods of water quality monitoring

Volunteer Spotlight –**Pat Stroka, San Marcos River Ranger***by Josh Oyer, Texas Stream Team Volunteer Coordinator*

Pat Stroka, a resident of San Marcos, has been monitoring the water quality on the San Marcos River for 13 years but has been a river enthusiast for much longer. Pat is a very active boater who spends much of his free time on the river either in a kayak or a canoe. He was introduced to the San Marcos River Rangers through his involvement with the San Marcos River Foundation. He credits Rachel Sanborn of the River Rangers and the River Foundation with enabling him to continue his monitoring for so many years. Pat also serves on the Edwards Aquifer Authority board, helping to secure water resources central Texans, especially as the state's population continues to grow. In order to accomplish his goals, he relies heavily on the support of his wife who has been beside him, every step of the way.

While Pat originally started sampling on the San Marcos River at Thompson's Island, he has since moved downstream to monitor at Cumming's Dam. He feels a great sense of stewardship toward the new sampling location. Pat said that the adjacent landowners have always been welcoming and he has gotten to know the area inside and out.



Pat Stroka, a San Marcos resident and citizen water quality, enjoying a paddle on the San Marcos River

The Blanco River confluences with the San Marcos River almost a mile upstream of Cummings Dam. Pat is able to see the influence of the Blanco River when comparing his data to sites upstream. Pat describes the water quality as generally good but has noticed the conductivity to be somewhat high at times.

In November 2008, Pat was elected to the board of the Edwards Aquifer Authority (EAA) for a four year term. He attributed his involvement with the San Marcos River Foundation and its River Rangers as major stepping stones to his eventual work with the EAA. He remarked that there has been a huge learning curve for serving on the board. Pat is learning fast and has made good contacts with various people in the “water world” of Texas.

A few of the major issues that he has worked with involve educating landowners on their proper rights under Texas water law and doing away with many of the unfair predicaments and liabilities that arise out of land being sold without the sufficient information provided about the active wells on the property. Pat is also trying to push for more “regional” planning focus between all Groundwater Districts. Regional planning between all the districts would support the preservation of all aquifers in the state. While his work with the EAA has been challenging, Pat hopes to make a run for re-election in 2012 in order to continue working on Texas water policy.

Raised in Odessa, Pat came to San Marcos to attend college. He said, he “saw the river and never left.” His love for the San Marcos River has culminated in his completion of the Texas Water Safari twice. The arduous canoe trip down the Guadalupe River Basin is not for the faint of heart. Pat loves to tell stories of his experiences while completing this incredible journey.

One year, he came to a standstill with an alligator. However, after minutes of deliberation, he went by the alligator without an altercation. Even after this alarming moment, Pat enthusiastically proclaims he will participate in the Texas Water Safari again in June. Some have tried, few have succeeded. Pat persists.

For more information on the Edwards Aquifer Authority please visit <<http://www.edwardsaquifer.org/>>. ●

Getting Involved with the Clean Rivers Program

(Continued from page 1)

As the front line for volunteer water monitoring activities in Texas, Texas Stream Team supports these efforts in a variety of ways, while encouraging individual participation in other water quality activities in their basin. One of these activities is the annual Steering Committee meeting held by the Clean Rivers Program in each river basin of the state.

The Texas Clean Rivers Program is a partnership between the TCEQ and regional water authorities which coordinates and conducts water quality monitoring, assessment, and stakeholder participation with the goal of improving the quality of surface water within each river basin in Texas. Each Clean Rivers Program partner agency holds an annual steering committee, usually in the spring, to establish priorities in its jurisdiction. These meetings provide a forum for the public to interact with the decision-makers in each area. Presentations may include topics such as watershed protection planning, pollution sources, ecosystem assessments, water quality standards, or wastewater permitting.

You can get involved by attending these meetings and providing your input on the water quality issues you have encountered. You are encouraged to participate in the watershed protection planning process because the insight you have developed as the eyes and ears of a water body can be very valuable to watershed planners.

Monitors interested in participating should contact the appropriate agency for information. Refer to the table below, to determine the appropriate contact.

For those who do not know the watershed in which they reside, visit the EPA “Surf Your Watershed” webpage at <www.epa.gov/surf> and enter a zip code to determine the corresponding watershed. ●

CRP Partner Agency	Service Area	Contact	Phone Number
Angelina and Neches River Authority	Upper Neches River Watershed	Brian Sims	936/633-7527
Brazos River Authority	Brazos River Watershed	Jenna Barrett	254/761-3100
Guadalupe-Blanco River Authority	Guadalupe River Watershed Lavaca-Guadalupe Coastal Watershed	Debbie Magin	830/379-5822
Houston-Galveston Area Council	San Jacinto Watershed Trinity-San Jacinto Coastal Watershed San Jacinto-Brazos Coastal Watershed Brazos-Colorado Coastal Watershed	Todd Running	713/993-4549
International Boundary and Water Commission	Rio Grande Watershed	Elizabeth Verdecchia	915/832-4701
Lavaca-Navidad River Authority	Lavaca River Watershed	Sylvia Balentine	512/782-5229
Lower Colorado River Authority	Colorado River Watershed Colorado-Lavaca Coastal Watershed	David Cowan	512/473-3200
Lower Neches Valley Authority	Lower Neches River Watershed Neches-Trinity Coastal Watershed	David Hancock	409/898-0646
Northeast Texas Municipal Water District	Cypress Creek Watershed	Marty Muse	903/639-7538
Nueces River Authority	Nueces River Watershed	Katy Carberry	361/653-2110
Red River Authority of Texas	Red River Watershed Canadian River Watershed	Allen Pappas	940/723-2236
Sabine River Authority of Texas	Sabine River Watershed	Miles Hall	409/746-2192
San Antonio River Authority	San Antonio River Watershed	Charles Lorea	210/227-1373
Sulphur River Basin Authority of Texas	Sulphur River Watershed	Nancy Rose	903/223-7887
Trinity River Authority of Texas	Trinity River Watershed	Angela Kilpatrick	817/467-4343

Help Stop the Zebra Mussel Invasion

by Jennifer M. Buratti, Texas Stream Team Outreach Specialist

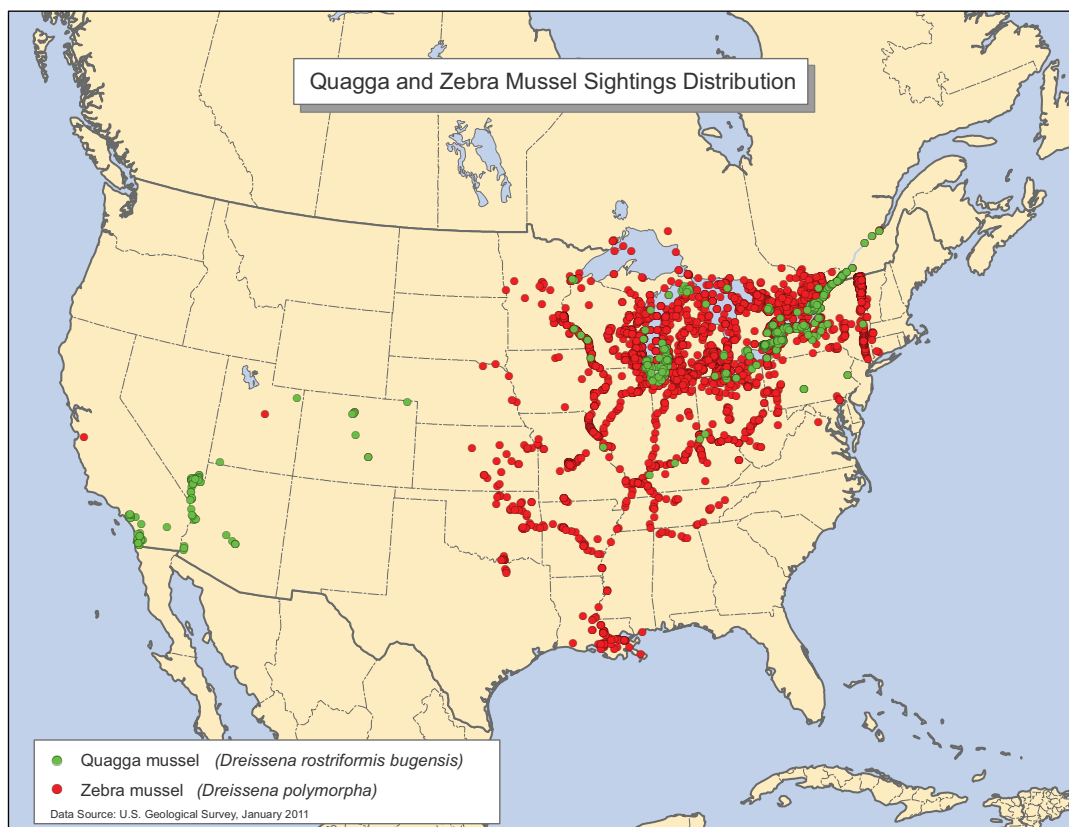
Are Texans facing billions of dollars in economic loss due to a little mussel power? In the United States, Congressional research estimated that the zebra mussel problem cost industry, businesses, and communities over \$5 billion in economic impacts (New York Sea Grant 1994).

The major cost associated with the invasion will be the maintenance cost of cleaning or replacing clogged water pipes. In other states across the U.S., zebra mussels have increased maintenance costs for waterfront property owners, recreational boaters, and fishermen. Additionally, shorelines can also become fouled with dead and decaying mussels, resulting in noxious odors (US Army Corp of Engineers 1993).



Above: Zebra mussel

Below: Current Map of Quagga and Zebra Mussel Sightings from the United States Geological Survey, Gainesville, FL



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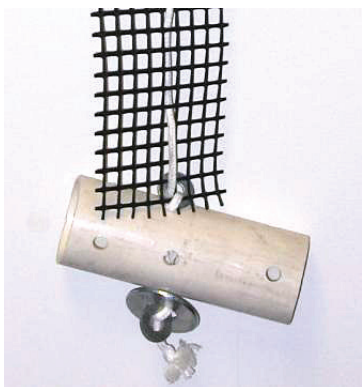
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According to the Texas Invasives website, everyone should care because zebra mussels are causing alarming declines in populations of fish, birds and native mussel species and can disrupt a city's entire water supply system by colonizing the insides of pipelines and restricting the flow of water. The website also warns boaters that zebra mussels can damage boat hulls, plug water systems used in boat motors, air conditioners and heads and cause navigation buoys to sink.



Zebra mussels covering a boat propellor

While other states have been combating this invasive species since the 1980s, Texas has yet to experience a major infestation. The first confirmed occurrence of zebra mussels in Texas waters was April 2009 in Lake Texoma, part of the Red River basin (TPWD 2009). Brian Van Zee of Texas Parks and Wildlife (TPWD), Inland Fisheries Division said that an individual reported the invasive mussel sighting to TPWD. Immediately, the Oklahoma Department of Wildlife Conservation (ODWC) and U.S. Army Corps of Engineers (USACOE) were notified. All the agencies worked together on determining the extent of the invasion. Portland Samplers (an artificial settlement substrate used for monitoring invasive mussels) were placed in the lake.



A Portland Sampler used to survey for invasive mussels

(Continued on Page 8)

Texas Stream Team Volunteers of the Month

Winter/Spring 2010-2011

August

Elisabeth Maxwell

Neches River Basin
Lower Neches Valley Authority

September

**Karen Kinnison
& Lynda Pehoski**

Salado Creek
Brazos River Basin

October

Anne Adams

San Antonio River Basin
Cibolo Nature Center

November

**Jimm Ohmart
& Eileen Hatcher**

Japhet Creek
Houston Galveston Area Council

December

Pat Stroka

San Marcos River Rangers
Guadalupe River Basin

January

**Brett Estes
& Tereso Rivera**

City of Grand Prairie
Trinity River Basin

February

Lenny & Donna Blumberg

Walnut Creek
Colorado River Watch Network

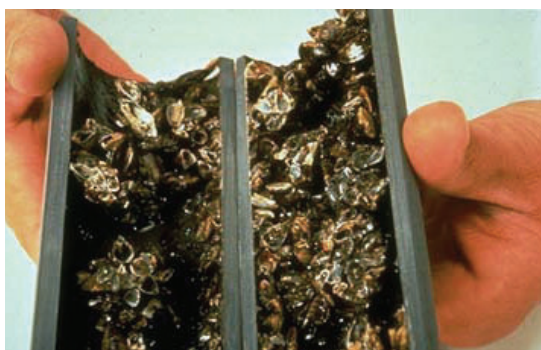
To nominate a volunteer for recognition, contact Josh Oyer at jo27@txstate.edu or call (512) 245-3461 or toll free (877) 506-1401. To view current and past Volunteers of the Month, go to <http://txstreamteam.rivers.txstate.edu/Vol-Spot>

Zebra Mussel Invasion

(Continued from page 7)

Using the samplers and manually checking the rocks and shoreline structures, agency personnel were able to assess the current situation in the lake. During the original assessment, the mussels were sparse around the lake but as summer progressed more were seen, indicating that their reproduction was exponentially successful.

A water pipe that is cut in half and is filled with invasive mussels



In July 2009 an intake pipeline leading from Lake Texoma was found to have zebra mussels near it. The pipeline is part of the North Texas Municipal Water District's water supply system. Upon notification that zebra mussels were in Lake Texoma and found near the intake structure the North Texas Municipal Water District suspended pumping water. Unfortunately, zebra mussels had already been transported and introduced into West Prong Sister Grove Creek via the pipeline. In August 2009, TPWD biologists conducted a survey of West Prong Sister Grove Creek immediately below the outfall area and found live zebra mussels.

In the spring of 2010 a task force of agency and professional research staff met to discuss the zebra mussel situation in Lake Texoma. According to Van Zee, Dr. Robert McMahon, a nationally recognized zebra mussel expert from the University of Texas at Arlington, Department of Biology, suggested that there was a chance the small population of zebra mussels in Sister Grove Creek could be eradicated and hopefully stopped from migrating into Lake Lavon. Taking advantage of the time period when the

North Texas Municipal Water District was not pumping water, TPWD decided to treat Sister Grove Creek with Potassium Chloride.

"Potassium Chloride is the same chemical that is used in water softeners," said Van Zee. "We actually ended up treating the creek twice because the first treatment in September 2010 had not been entirely effective." According to Van Zee, the treatments did not eradicate the entire population but they were successful at killing some of the zebra mussels and did set back the zebra mussel invasion. TPWD continues to monitor the situation in Lake Texoma and Sister Grove Creek.

The TPWD, USACOE and ODWC are working cooperatively in detecting and preventing the spread of zebra mussels from Lake Texoma. The main method of spread is still from the overland transportation of contaminated boats and equipment. Other ways that zebra mussels are likely to spread is through inter-basin or inter-water body transfer as well as through the natural downstream movement of water.

Texas has been fortunate in prevention on several occasions. Marina employees and even a private landowner have reported their findings to TPWD and other agencies (TPWD 2009). Although containment or eradication of zebra mussels may be possible in small water bodies (Heimowitz and Phillips 2006), eradication from large river systems and reservoirs is likely impossible.

As awareness grows, agencies such as TPWD are leading the way in cooperative prevention. A recent effort at prevention occurred during the 2010 summer music festival, AquaPalooza. TPWD inspected boats entering Lake Travis, looking for multiple invasive species who might be hitching a ride.

Due to the situation around Lake Texoma, the privately managed marinas have been given awareness and prevention training workshops. The rules that agencies are teaching are called "Clean, Drain and Dry". Likely, boaters will see the awareness campaign at the marinas.

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Zebra Mussel Invasion

(Continued from page 8)

Water utility agencies are aware of the potential impact to their systems and some agencies such as the Lower Colorado River Authority (LCRA) are preemptively planning for the future. According to David Cowan of LCRA, the agency is conducting its first monitoring training using Portland Samplers in spring 2011 at the Highland Lakes. Once the monitoring procedures are established, the LCRA's Colorado River Watch Network may expand the monitoring effort to other parts of the basin. Volunteer water monitoring networks across the state could be a vital asset in future prevention and control of the zebra mussel.

Van Zee encourages concerned individuals report findings through the Texas Invasives website <<http://www.texasinvasives.org/>> or call Operation Game Thief at 1-800-792-4263. Reports from both sources are delivered to Brian Van Zee and associated personnel.

Information about zebra mussel is updated regularly. To learn more, visit the following websites:

Texas Invasives <www.texasinvasives.org/>
100th Meridian <www.100thmeridian.org/>
United States Department of Agriculture
<www.invasivespeciesinfo.gov/aquatics/zebra-mussel.shtml>

References

- Heimowitz, P, and S Phillips. 2006. Rapid response plan for zebra mussels in the Columbia River Basin: A comprehensive multi-agency strategy to expeditiously guide rapid response activities. Draft report, September 1, 2006.
- New York Sea Grant. 1994. Policy issues. Dreissena polymorpha information review. State University of New York, Brockport, New York.
- Texas Parks and Wildlife Department. 2009. <http://www.tpwd.state.tx.us/newsmedia/releases/?req=20090421a>
<http://www.tpwd.state.tx.us/newsmedia/releases/?req=20090817a> Accessed January 21, 2011.

BOAT CARE: CLEAN, DRAIN AND DRY

1. Clean

Inspect your boat, trailer and gear and remove any zebra mussels, vegetation or foreign objects that are found. If at all possible, wash your boat, trailer and any gear that has been in the water thoroughly, ideally at a commercial carwash using high pressure and hot (140 degrees F) soapy water. Water above 140 degrees F will kill zebra mussels and when water from the carwash goes through a wastewater treatment plant, the treatment process should kill any living mussels. Inspect your boat, trailer and gear and remove any zebra mussels, vegetation or foreign objects that are found.

2. Drain

Drain all water from the boat, including the engine, bilge, livewells and bait buckets, before leaving the lake.

3. Dry

Open all compartments and livewells and allow the boat and trailer to sit completely dry for a week or more before entering another water body. (IF you have used water above 140 degrees F you will not need to dry for a week).

- Texas Parks and Wildlife Department. 2010. Zebra Mussels in Texas: Assessment of relative risks to fishery resources, recommendations for action, and expectations for the future. http://www.texasinvasives.org/resources/publications/TPWD_ZebraMussels_in_Texas.pdf Accessed January 17, 2011.
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- United States Geological Survey. 2009. Zebra and quagga mussel information resource page. <http://nas.er.usgs.gov/taxgroup/mol-lusks/zebramussel/> Accessed January 18, 2011.
- Interview David Cowan February 1, 2011.
- Interview Brian Van Zee February 7, 2011.●

Annual Conference –

20th Anniversary & Meeting of the Monitors*by Neal Denton, Texas Stream Team*

Come celebrate with us at our Meeting of the Monitors Conference. Mark your calendars for Sept 29 - Oct 1st, 2011. The conference will be held at the Hilton Houston NASA Clear Lake.
txstreamteam.rivers.txstate.edu/mom

Thursday

H-GAC's Clean Waters Initiative (workshops that help local governments, landowners and citizens develop effective strategies to reduce pollution in Houston-area waterways)

Friday

- Proactive Solutions for Urbanizing Areas
- Stakeholder Facilitation & Conflict Management
- Volunteer Coordination
- Utilizing Texas Stream Team in Watershed Planning
- Exhibition Session
- Eco-Tour Boat Ride

Saturday

- Early Morning Birding Tour
- Texas Stream Team Advanced Nonpoint Source Pollution Monitoring Training
- Hands-on Citizen Scientist Workshops
- Citizen Water Quality Monitor Award and Recognition Ceremony
- Texas Surface Water Quality Standards Updates
- Exhibition Session

Texas Stream Team on Facebook

Surfing watersheds may be done online and now, through “social networking”. Our social website

partners as well as the many community groups we work with. Please note, while this gives us a convenient way to share up-to-date information, it will not be the only way we communicate. We realize that some of you are not on Facebook (and some of you don't want to be on Facebook). All non-news postings will continue to be available on our website.

recommendations are listed on our Facebook page. If you have not found us yet, look for our Facebook page: www.facebook.com/TexasStreamTeam.

Facebook allows us to get timely information to you without daily emails. Facebook also gives us a way to quickly communicate with you and share information about the amazing work being done by our

We hope that our Page will help generate interest in Facebook Pages and People that we “Like”. Be sure to browse through all of our “Like” Pages - you may find an interesting group or person to follow. If you do not see your page/group on our list, please let us know through Facebook messaging.

We look forward to connecting with you on-line! ●

Data Quality Reminder –

Is Texas Stream Team Teaching Water Quality Monitoring on YouTube?

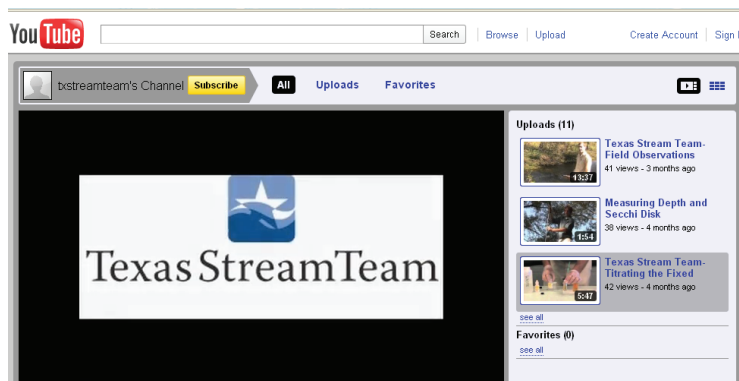
by Robert Sams, Texas Stream Team Database Manager

Not quite... Texas Stream Team has created videos for you to give yourself a quick, unofficial review of how to perform your water quality monitoring.

This past fall, Texas Stream Team had an undergraduate intern from Texas State University, (take a bow Ian McDonald), to work with two of our staff in order to create videos that supplement our monitoring manual.

Our monitoring videos are available on our website at txstreamteam.rivers.txstate.edu/monitors/videos.html and on our YouTube channel at www.youtube.com/txstreamteam.

Creating quality videos is a time intensive process but we hope to add more in the near future. Our goal is to provide our volunteers with several options to review the procedures in our manual, because the best data will come from monitors that best understand our



monitoring procedures. If you have a comment or suggestion, please contact either of our staff stars, Neal Denton or Josh Oyer, through our main Texas Stream Team email txstreamteam@txstate.edu. ●

Calling All Trainers!

If you are (or know) someone who is a Texas Stream Team water quality monitoring Trainer, we would very much like to reconnect with you.

Please contact Josh Oyer 512-245-7591 or email Josh at oyer@txstate.edu.



Congratulations to Our New Water Quality Monitors!

Bob Adams	Casey Oldham	Anne Foster	Toni Huff	Rosalyn Loudermilk	Andy Perricone	Kathy Smith
Gilbert Adams	Juliana Castillo	Charles Fox	Teresa Ives	Jeff Lowe	Brenda Perricone	Paige Smith
Marilyn Adams	Juan Cavazos	Gail Hughling	Tara Janise	Yvonne Lubiejewski	Mark Pillion	Sam Sockwell
Kaanchan Adhikary	Monica Chaffin	Ana Garcia	Joan Mukherjee	Margaret Luna	Samuell Price	Michelle Solari
Lily Alfano	Alyssa Chavez	Jessica Garcia	John Egan	Elizabeth Lysinger	Skye Prokseh	Hannah Spiva
Steve Alvarez	Cheryl Foster	Rebecca Garcia	Richard Johnson	Marsha Elrod	Lindsay Purifoy	Peggy Spruell
Violeta Avina	Vickie Coffey	Patrick Garza	Jenna Jones	Jerald Martin	Ruthie Redmond	Roy Stanford
Lisa Bagley	Amber Cole	Jerrel Geisler	Rich Jones	Melanie Martin	Kristy Reeves	Donna Stowell
Dillon Bannister	Robert Connor	Janet Gonzales	Steve Jordan	Ken Martinez	Stephannie Resendez	Jessica Stuffer
Melinda Barnes	Michele Cooley	Katie Greenwood	Hyun Jung	Kathryn McClelland	Colin Rice	Lauren Tanz
Brian Barnett	Talitha Costley	Tiffany Gregg	Will Kierdorf	Linda McDowell	Jim Rice	Peter Tay
David Barnett	Rebecca Crain	Lee Gudgell	Tina Kim	Lisa McLaughlin	Richard McCarthy	Donna L. Taylor
E. Gail Batchelor	Stephanie Davidson	Amy Hankins	Amber Kirton	Jimmy Meredith	Owen Richards	Kristina Tower
Robert Batchelor	Hope Diamond-Cox	Tammy Haring	Belinda Kneblick	Paul Meredith	Alphonso Rincon	Kleber Trigg
Ben Bates	Donald Keith	Cody Harper	Diane Kohlase	Mickey Dufilho	Wendy Rojas	Jessica Uramkin
Adrianna Beaudette	JC Drake	Ralph Harper	Alejandro Laje	Andrea Milton	Sarah Roos	Bruce Walker
Joseph Becker	Jim Duffy	Sue Harris	Brian Lamore	Marie Moreau	Nancy Ross	Katheryn Walker
Becky Denton	Jasmine Duru	Donovan Harrison	Sandra Langham	Jose Moreno	Shannon Roysden	Nicole Wallis
Risa Bender	Glenn Dutton	Haskell Hart	Dustin Lawrence	Molly Mulloy	Evan Ruiz	Lorie Walters
Catrin Bennett	Judith Easterling	Alex Hernandez	Kelly Lawson	Paru Nambiar	Sandra Dworczyk	Dean Watson
Dee Brabham	Judi Elliott	Carlos Herrera Jr	Brooke Leftwich	Kristy Nguyen	Deanna Sharp	Bryce Welch
Stephanie Briggs	Van Elliott	David Hettick	Gregory Lerma	Troy Nipper	Lance Shepherd	Kerrie Winn
Linda Broyles	Dana Eubanks	Sarah Hill	Pam Lewis	Maria Nolen	Richard Shepherd	Emily Woods
Courtney Burkhardt	Shana Everett	Robert Hodo	Sharai Lewis	Sharon Odegard	Jenny Shieffield	Heather Woodward
Clint Burnett	Jessica Fagan	Sam Holland	Larry Lindgren	Ginny O'Fiel	Lori Siegelman	William Wright
Devon Canady	Ann Feist	Dalton Howell	Linda Lindgren	Jesus Ordoz	Pauline Singleton	Christy Youker
Richard Carlson	Jeremiah Ford	Bethany Howse	Aubrey Littlefield	Adam Pasciak	Charles Sipes	Katie Young
Carol Danko						Julia Zolandz
Melissa Carugati						

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