

Texas Stream Team

Citizen Scientists Working to Protect Our Waterways

Volume 2015 Issue 1



Volunteer monitor Peggy Romfh runs water quality tests on a rainy day.

SKILLS CHECK

To ensure accurate results, calibrating your dual conductivity meter is an important first step to every monitoring opportunity. The Texas Stream has a refresher video to review the procedures used to calibrate it.

[Review the procedure on YouTube.](#)

HOW'S THE WATER? THERE'S AN APP FOR THAT!

H-GAC has a *How's the Water?* app for iPhone. The app provides a quick guide to water quality in the 13-county H-GAC region. It's free at the [App Store](#).

No iPhone? No

Welcome to the first issue of the H-GAC Texas Stream Team newsletter

The Houston-Galveston Area Council Texas Stream Team (TST) is a group of diverse citizen scientists who work throughout the region to provide valuable water quality data. This quarterly newsletter is an opportunity for members to meet each other, ask questions, learn more about water monitoring and find out about opportunities for more participation.

If you are an employee or volunteer for a partner agency or organization and would like to have information and calendar items included in future issues, please contact Becki.Begley@h-gac.com or call 713-993-2410.

MONITOR SPOTLIGHT



Pete and Peggy Romfh have always been involved in science; Pete as an engineer and Peggy as a health care professional in laboratory settings. After becoming certified Texas Master Naturalists in the Cradle of Texas Chapter (Brazoria County), they became interested in learning about plant and animal

Worries!
You can access water data using the [Water Resources Information Map](#) (also known as WRIM).

QUICK LINKS

Check out news and events from our partner organizations.

[Take Care of Texas](#)
[Keep Texas Beautiful](#)
[Galveston Bay Foundation](#)
[Galveston Bay Estuary Program](#)
[Bayou Preservation Association](#)
[Scenic Galveston, Inc.](#)
[Buffalo Bayou Partnership](#)

CALENDAR of EVENTS

5/9 [Buffalo Bayou BPA Cleanup](#)

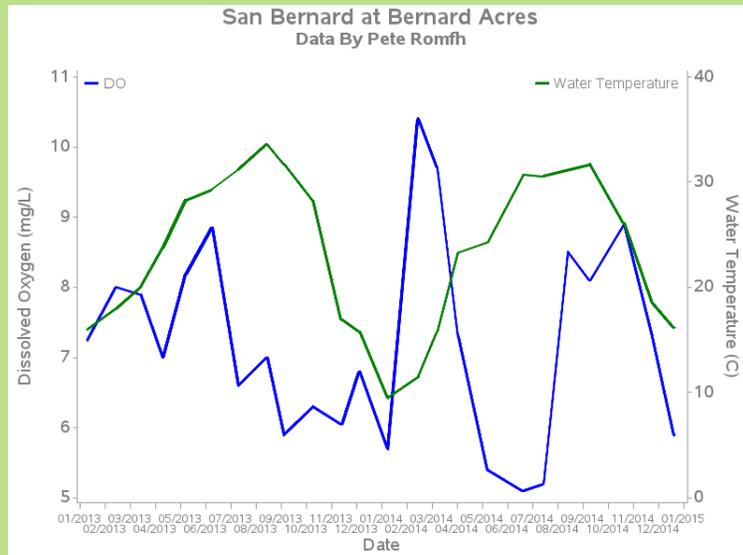
A Texas Stream Team training session will be held in late summer. Contact [Will Merrell](#) or call 713-993-4594 for more information.

Send us your events for Fall 2015 and we'll add them to the next calendar.

species and the habitats in which they flourish. [Read More](#)

TECHNICAL TERRITORY

By Paniz Bighash, H-GAC Environmental Planner
DISSOLVED OXYGEN CORRELATION TO TEMPERATURE



There is a well-established relationship between the dissolved oxygen concentration in water and water temperature. Cold water has the ability to hold more dissolved oxygen than warm water. This is because cold water can hold gases more than warm water can. Think about a glass of soda-the warmer your soda gets, the flatter it becomes. This is because gases escape from the water phase as temperatures increase. You can see this relationship clearly in the graph that compares dissolved oxygen levels to the water temperature of San Bernard at Bernard Acres.

Texas Stream Team at The Meadows Center for Water and the Environment at Texas State University is dedicated to understanding and protecting the 191,000 miles of Texas waterways. For more information, contact Travis Tidwell at 512.245.9148 or via email at TxStreamTeam@txstate.edu.

H-GAC TST Newsletter editor is Becki Begley. Email Becki.Begley@h-gac.com or call 713-993-2410 with questions, comments or suggestions for future newsletters.

H-GAC is the regional organization through which local governments consider issues and cooperate in solving area wide problems. We invite you to subscribe to the [Community and Environmental Update](#), a monthly e-newsletter to keep you informed about the many community planning, economic development and environmental planning programs going on at H-GAC.