



Photo: Sheri Hemrick

An Update from the Lake Waco Watershed >>

Jenna J. Walker, MAG
Watershed Administrator
City of Waco Water Utility Services

Water Quality Monitoring

▶ Lake Waco

- Monthly
- Drinking Water
- Past 10 years
- 4 sites

▶ Lake Brazos

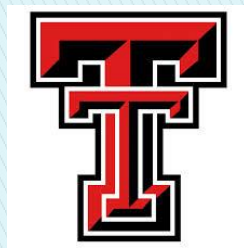
- Quarterly
- Recreation/Stormwater/
Downtown buildup
- Past 5 years
- 9 sites

Parameters

- | | |
|----------------------------|---------------------|
| ▶ NO ₃ -N | ▶ pH |
| ▶ NO ₂ -N | ▶ Temperature |
| ▶ NH ₃ -N | ▶ Chlorophyll-a |
| ▶ TKN | ▶ Fluoride |
| ▶ TP | ▶ Chloride |
| ▶ PO ₄ -P | ▶ Bromide |
| ▶ TOC | ▶ Sulfate |
| ▶ TSS | ▶ Calcium |
| ▶ TDS | ▶ Magnesium |
| ▶ E. coli | ▶ Sodium |
| ▶ Conductivity | ▶ Potassium |
| ▶ Alkalinity | ▶ Algal toxicity |
| ▶ Hardness | ▶ Algal enumeration |
| ▶ Dissolved O ₂ | |

Lake Waco Wetlands

- ▶ School Fieldtrips
- ▶ Urban Water Drop Tours
- ▶ Teacher workshops
- ▶ Meter Madness
- ▶ Collaborative research



Lake Waco Wetlands Fundraisers

- ▶ Frog Hop 5K/1 Mile Prediction Run
Join us this Saturday, 4/26!
- ▶ Wetland Wine Trail coming this Fall



FROG HOP 5K/1 MILE PREDICTION RUN SATURDAY, APRIL 26TH, 2014

Benefiting the 2014 Lake Waco Wetlands
Outdoor/Environmental Education Programs

LOCATION: LAKE WACO WETLANDS
(1752 EICHELBERGER CROSSING ROAD)

CHECK-IN TIME: 7:00 – 7:30 AM

5K START TIME: 8:00 AM

1 MILE START TIME: 8:15 AM

WHAT IS A PREDICTION RUN? A refreshing break from the usual race format, the Frog Hop 5k is not about being the fastest runner, but rather about most accurately predicting your finish time. Prediction times will be recorded at check-in. The 3 most accurate predictions will win prizes for male and female categories. Watches or other time-keeping devices are not allowed, and the finish line clock will not be visible to runners.

ENTRY FEE: Pre-Registration by 4/12 – \$20.00; Registration on race day – \$25.00

To pre-register, mail registration form (below) and check to City of Waco Water Utility, PO BOX 2570, Waco, TX 76702, Attn: Lake Waco Wetlands.

Make checks payable to **Lake Waco Wetlands**. Check and cash accepted on race day.

REGISTRATION FORM (PLEASE PRINT) (ONLY ONE ENTRY FORM PER PERSON)

Name:		Phone:	
Address:			
City:	State:	ZIP Code:	
5K or 1 Mile (Please circle)	Male Female (Please circle)	Date of Birth:	
Email:	T-shirt Size: S M L XL (Please circle)		
Emergency contact:		Phone:	

For more information, contact Nora at (254)848-9654 or noras@ci.waco.tx.us

Photo: Spencer Moore

Bosque River Coalition (BRC)

- ▶ Formed in 2008 to coordinate landowners' concerns and actions in the watershed.
- ▶ Among the BRC efforts:
 - Texas Stream Team
 - Technical information about water quality
 - Bimonthly meetings to address water-related topics of interest



Landowner Riparian Workshop

Thursday, May 22 – 8:30 a.m. to 3:30 p.m.

Clifton Civic Center

Free event with lunch included



Photo: Liveinclifton.org

Riparian Workshop Agenda

- 8:30 – 8:40 General Introductions
- 8:40 – 8:45 Comments from Local Sponsors
- 8:45 – 9:30 **Introduction to Riparian Function, Ricky Linex**
- 9:30 – 11:25 **Hydrology/Fluvial Geomorphology Principles and Interactions, Kenneth Mayben**
- 11:25 – 12:10 **Riparian Vegetation, Ricky Linex**
- 12:10 – 12:40 Lunch
- 12:40 – 3:15 **Observation and Discussion of Riparian Sites on the North Bosque River**
- 3:15 – 3:30 Wrap Up Discussion and Dismiss

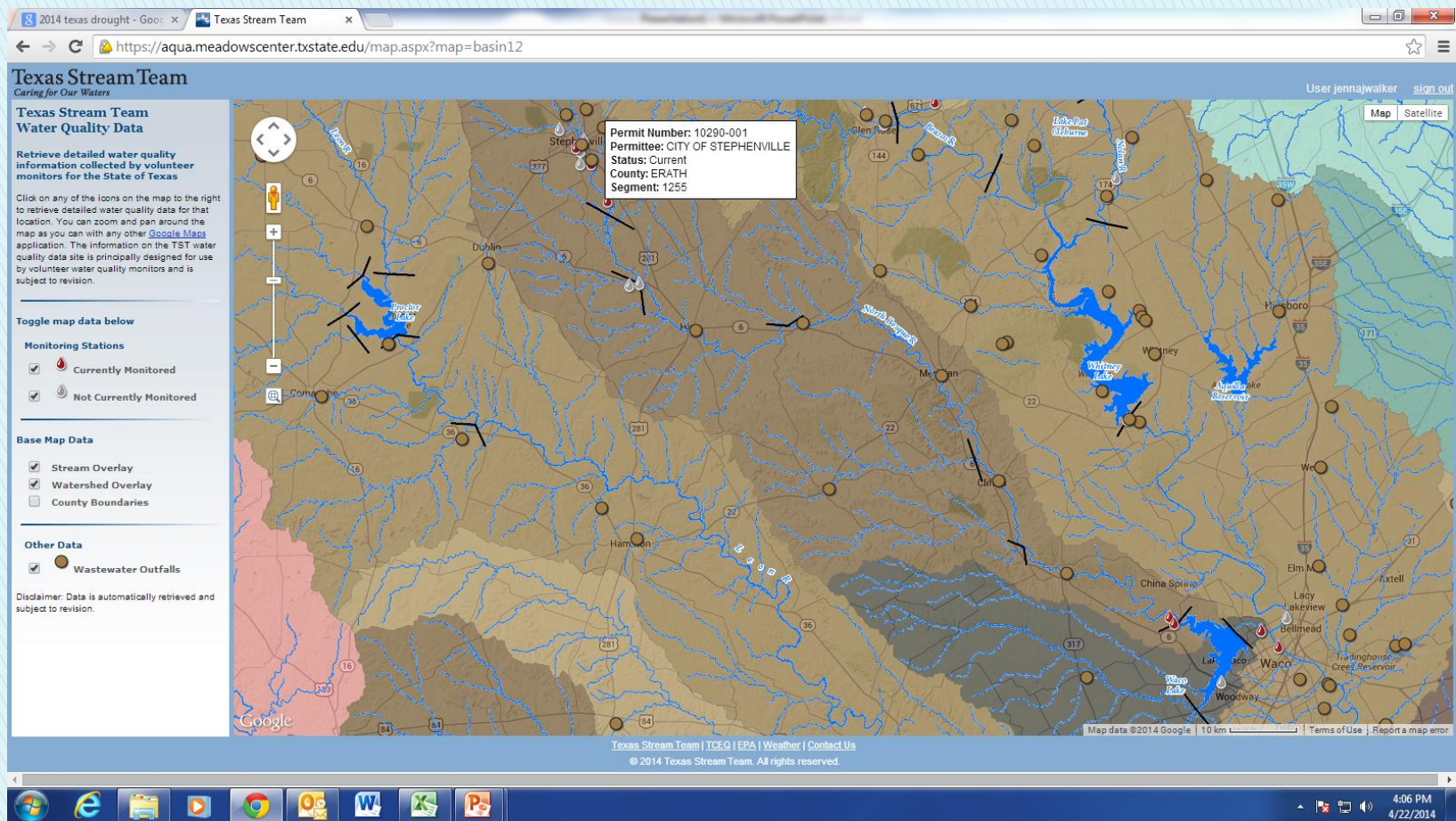
Texas Stream Team Volunteer Monitoring

Partners:

- ▶ Baylor University
- ▶ Tarleton State University
- ▶ Texas State Technical College
- ▶ Heart of Texas Master Naturalists



Volunteer Monitoring on the North Bosque River



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



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Questions?