

Texas Stream Team Training in Dallas



- Presented by City of Dallas, Stormwater Management
 - Christopher Morris

Texas Stream Team



- Established in 1991, then called Texas Watch, the program has been made up of a Volunteer Citizen Monitoring Network for sampling Water Quality.
- Dallas joined in 2002, and uses it as a supplement watershed education and Nonpoint Source (NPS) pollution prevention.
- This is a joint partnership with **Texas Commission on Environmental Quality**, **U.S. EPA Region VI**, **Texas State University-San Marcos**, and numerous partners including the **City of Dallas** and Aquatic Alliance

Current Sites



Dallas Sites

- **Dallas has about 75 active sites, with roughly 37-45 sampling every month.**
- For City of Dallas loan kits, site must be within City of Dallas city limits, or on a water body feeding into or from Dallas city limits, with reasonable justification.
- City of Dallas checks out mainly the Lamotte wet chemistry Core Kits. Recently, electronic probe sets were acquired and will be put in circulation.

Trainings

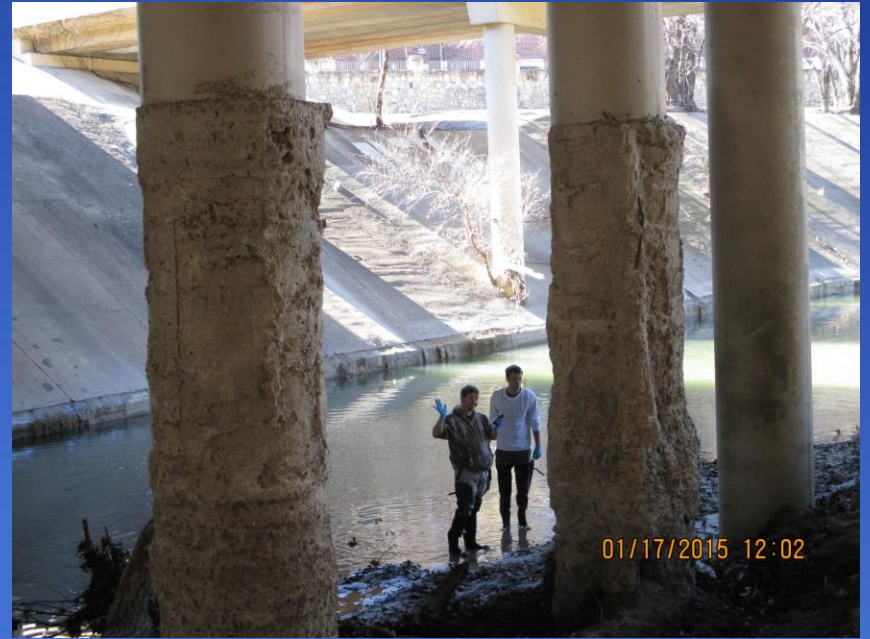
- Currently, the City of Dallas host quarterly Core Class; every January, April, July and October.
- Occasionally, a class or a demo is held for a MN or MG meeting, or at a Neighborhood Association.
- City of Dallas is currently hosting a class at Sunset High School, training the Environmental AP class. Other classes have been held at Ursuline Academy and some Dallas area Montessori Schools.





Follow ups and OTJ Trainings

- City of Dallas also offers Follow Up Trainings upon request. As part of the QA/QC, an offer for a crash course retrain is extended if a monitor's data or sampling method shows error.
- Currently, CoD does not perform audits of monitors.
- If requested, CoD will visit a site for a series of classes to train monitors and to ensure sampling success.



Train the Trainer

- The City of Dallas has also helped in educating others to become trainers themselves.
- City of Irving
- City of Flower Mound
- City of Grapevine
- Groundwork Dallas
- Weatherford College
- Trinity Environmental Academy



Citizen vs Professional Data

- As of now, City of Dallas does not use Citizen Data for municipal decision making. Storm Water Mangt. has a Water Quality team and Service Request team that conduct official water sampling data.
- That in mind, Citizen Scientists are welcome to contact 311 or Chris Morris/Stormwater Outreach with any issues with water quality or help. Usually within 24 hours, a response team will be dispatched.

Citizen Monitor Investigations

Find Point Source Pollution

Find Illicit Connections



Citizen Monitors

Find Point Source Pollution



Potential Future Projects

- Advanced Sample Kits.
- Advanced Training classes.
- Citizen and Professional Data on Bacteria and looking into TMDL project.
- Aquatic Macro-Invertebrate Sampling.

Signs of excellent Water Quality



Questions?

