



Contact Us

For Questions Concerning:

- Leases on Lake Tyler, Registration on Lake Tyler East and Status of Lake Tyler Capital Projects
- Construction, Permitting and Inspections on Lake Tyler and Lake Tyler East
- Substandard Structures and All Other Issues Concerning Lake Tyler and Lake Tyler East
- Public Safety Concerns—Emergency
- Public Safety Concerns—Non-Emergency
- Fish and Game Concerns

Contact:

- Tyler Water Utilities Administration
- Development Services
- Water Production and Quality
- 911
- Smith County Sheriff's Office
- Texas Parks and Wildlife

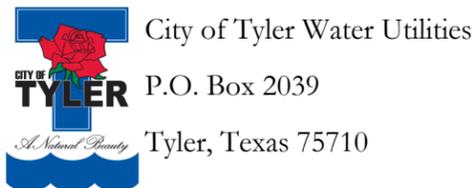
Phone Number / Email:

- (903) 531-1239 / lcrossman@tylertexas.com
- (903) 531-1171 / mwilson@tylertexas.com
- (903) 939-2724 / jjohnson@tylertexas.com
- 911
- (903) 566-6600
- (903) 665-1060

We're on the Web!

- <http://www.cityoftyler.org/Departments/TylerWaterUtilities.aspx>
- <http://www.cityoftyler.org/Departments/DevelopmentServices.aspx>
- <http://www.cityoftyler.org/Departments/TylerWaterUtilities/Lakes/LakeTylerLakeTylerEast.aspx>

Find links to documents and forms, copies of this newsletter, and lots of other helpful information on the web.



Water Quality Monitoring Program

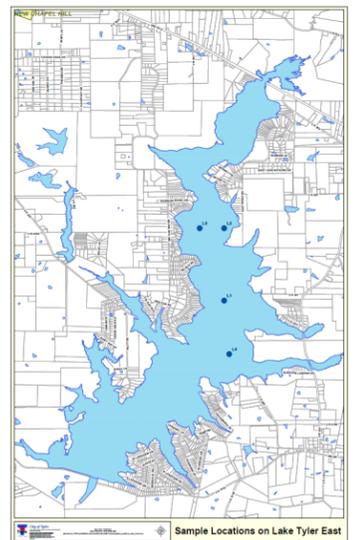
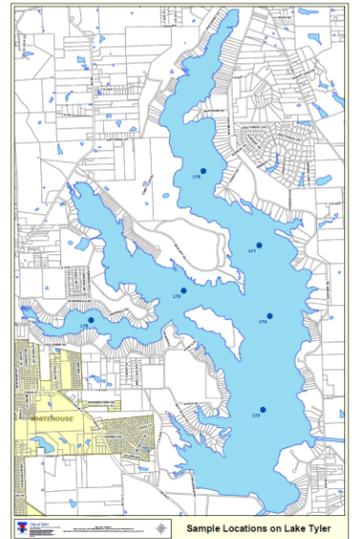
For many years, the City has monitored the water quality in Lake Tyler and Lake Tyler East. Twice a year, usually in February and again in October, City staff uses a boat and a GPS unit to collect water samples at ten pre-determined locations on Lake Tyler and on Lake Tyler East.

The water is tested for twenty-five different constituents, including heavy metals such as arsenic and mercury, as well as suspended and dissolved solids and excess nutrients such as ammonia, nitrates and nitrites.

Many of the tests for specific constituents require special handling. For example, when testing for dissolved oxygen, the sample must be kept in the dark which requires a special opaque bottle. Most of the tests require the sample be kept on ice to keep the water below a certain temperature. Other tests require the addition of reagents which are substances used to help detect and measure the constituent in question. Different constituents require different reagents. Because of the special requirements needed for so many of the different tests, six to seven containers of water must be collected at each of the ten sampling locations which is then broken down into the twenty-five individual samples for testing.

It takes a lot of preparation in order to perform these tests. It takes about 6 hours to collect and prepare twenty-five samples at each of the ten test locations. Once all of the samples are collected and prepared, they must be delivered immediately to the testing lab, located in Tyler, for analysis.

Questions about the testing program or test results should be directed to Jimmie Johnson, Manager of Water Quality and Production, at (903) 939-1538.



Spotlight on Lake Tyler / Lake Tyler East Ordinances

The City of Tyler has adopted a Code of Ordinances that applies to all waters impounded by Lake Tyler and Lake Tyler East, as well as lands owned or controlled by the City. The City owns all of the land around Lake Tyler and some land around Lake Tyler East. However, the City also controls the strip of land that is 100 feet back of the 378 foot elevation line on both lakes, whether the remaining parcel is owned by the City or not.

Spotlight on Ordinances (cont'd from Page 1)

A link to the Code of Ordinances can be found on the Lake Tyler / Lake Tyler East page on the City's web site at: <http://www.cityoftyler.org/Departments/TylerWaterUtilities/Lakes/LakeTylerLakeTylerEast.aspx>.

You can use the Table of Contents in the left frame to find the chapter or section that you wish to view. Click on the plus sign (+) or the minus sign (-) next to any entry to expand or collapse the Table of Contents as needed. The Lake Tyler / Lake Tyler East Ordinances are located at Chapter 19 Utilities, Article VI Lake Tyler and Lake Tyler East. You can browse through the code chapter-by-chapter using the "Prev Chapter" and "Next Chapter" buttons or you can use the "Search" button to easily search all or specific parts the code by keyword. The browse and search buttons are located in the toolbar at the top of the page.

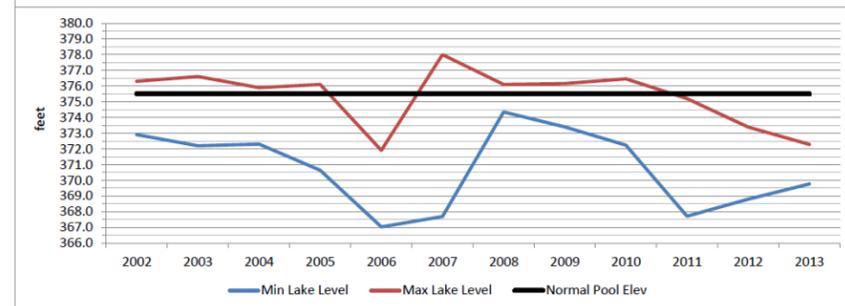
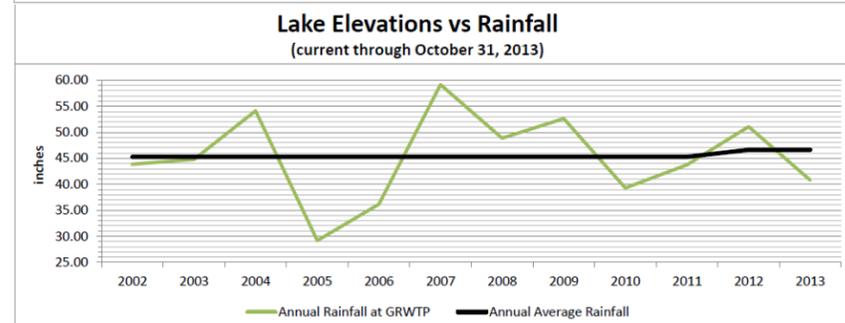
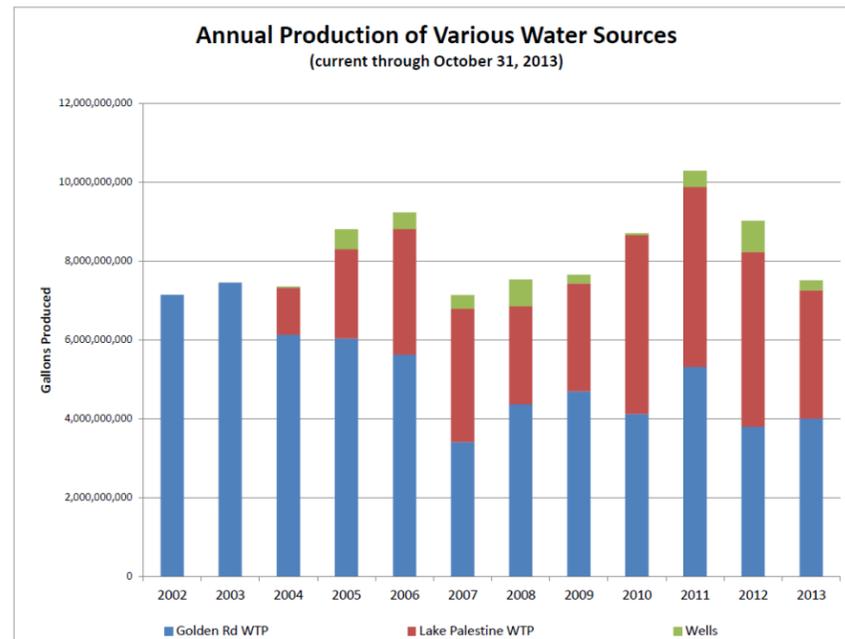
Don't Forget...

Removal of vegetation from the lake bed requires the filing and approval of a vegetation removal plan with the Texas Parks and Wildlife Department.

Operational Data for Lake Tyler / Lake Tyler East

Presented at right are the annual water production figures showing the amounts produced through the end of October 2013 by the Golden Road Water Treatment Plant (Lake Tyler/Lake Tyler East), Lake Palestine Water Treatment Plant (Lake Palestine) and the City's 11 water production wells over the past ten years.

Also presented at right is a graph that illustrates the annual high and low water elevations for Lake Tyler and Lake Tyler East as compared to the normal pool elevation of 375.5 feet. In addition, annual rainfall totals in inches are shown. Rainfall data is measured at the Golden Road Water Treatment Plant. Data is current through the end of October 2013.

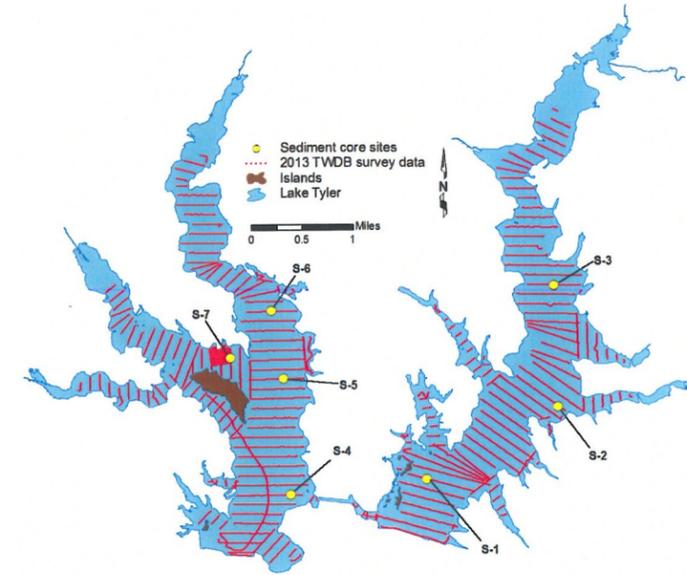


Siltation Study Update

A draft report was provided by the Texas Water Development Board (TWDB) to the City in September. City staff is currently reviewing the draft report and will have comments back to the TWDB before the end of October. The final report is anticipated by January 2014, at which time any appropriate actions will be considered.

The TWDB collected data for the study in January and August 2013 using a depth sounder while navigating along pre-planned survey lines oriented perpendicular to the assumed location of the original river channels. Sediment core samples were also collected at regularly spaced intervals within the reservoir or at locations where interpretation of the depth sounding information would be difficult without site specific core data.

At this time, the TWDB recommends continued surveys at regular intervals to monitor the accumulated sediment.



Map showing location of sounding lines and sediment core sample sites. Source: TWDB Volumetric and Sedimentation Survey of Lake Tyler, January 2013 Survey (draft report)

City of Tyler Project Updates

Lake Tyler Dam Repair

Pre-final construction documents were submitted to the Dam Safety Section of the Texas Commission on Environmental Quality (TCEQ) on September 20 for review. TCEQ staff has completed their initial review and provided a few minor comments are being addressed before the project can proceed into construction.

City staff and their engineering consultants will begin pre-qualifying contractors by the end of October. Construction is anticipated to begin in December.

The project includes the construction of a 50- to 60-foot deep cut-off wall on the downstream side of the dam. The wall will be built by drilling down into the soil to the desired depth and filling the resulting trench with a mixture of soil, cement and bentonite to form a solid wall. The top of the wall will be at ground level, so once construction is finished there will be no obvious signs of construction. Also, because the wall is being built on the downstream side of the dam, the water level in the lake will not be affected in any way.

Send your comments and suggestions to Lisa Crossman with Tyler Water Utilities by phone at (903) 531-1239 or by email to lcrossman@tylertexas.com

In addition to the cut off wall, the project also includes other minor repairs to the spillway structure.

Miscellaneous Retaining Wall Repairs

The design engineer is working on design plans for new retaining walls at Hillcreek Recreation Area and Eastside #4 Recreation Area.