

Sycamore Creek



2014 TCEQ Assessment

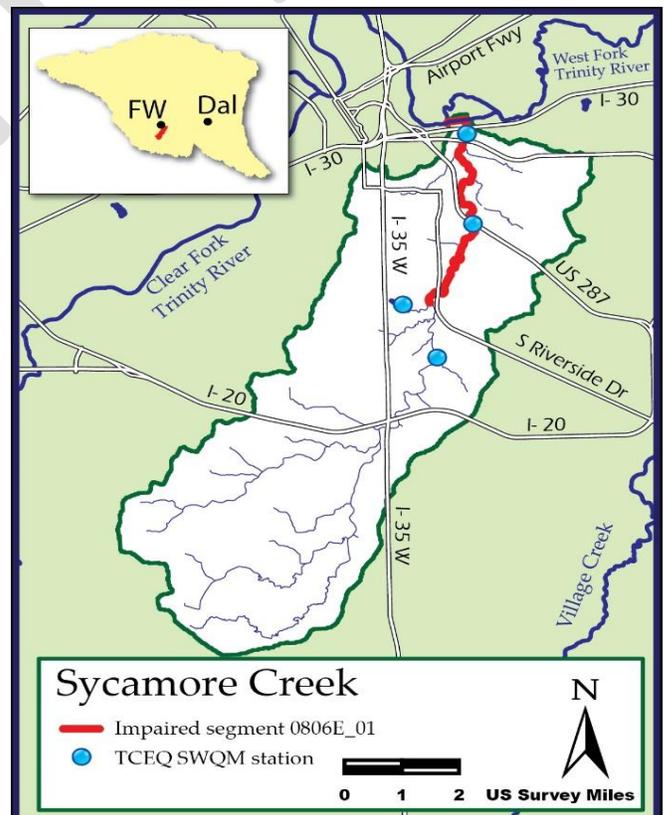
| Bacteria Monitoring | |
|----------------------|----------|
| Samples | 48 |
| Geometric Mean | 213 |
| Status | Impaired |
| Assessment Unit (AU) | 0806E_01 |
| Trend 2008-2014 | ↓ |

Water Quality Monitoring

The only monitoring station on Sycamore Creek with recent samples of *E. coli* is Surface Water Quality Monitoring station 17369. The 2014 assessment period is from December 1, 2005—November 30, 2012.

Subwatershed Overview

Sycamore Creek is a largely urban creek that flows along the southeast side of Fort Worth. The creek drains both residential and commercial landscapes into the Lower West Fork Trinity River Below Lake Worth (AU 0806_02). The subwatershed is primarily residential (47%) and just over 20% of the AU is vacant areas.



Potential Bacteria Sources

Wastewater in the subwatershed is regulated almost entirely by Municipal Storm Sewer System permits and wastewater treatment facilities with the exception of a few on-site sewage facilities in the lower Sycamore. Among other unregulated potential sources of bacteria, only dogs and cats are very abundant (31,300 and 34,200, respectively) since the landscape is largely developed for residential and commercial purposes. Very few livestock and non-native feral hogs are expected to occupy the area owing to the absence of livestock-supporting land and forested areas.



Future Plans and Activities

A Recreational Use Attainability Assessment was completed in 2010. TCEQ is currently developing a recommendation for an appropriate bacteria standard according to the level of

recreation in and around Sycamore Creek. The City of Fort Worth is also working to improve the water quality of Sycamore Creek through their Capital Improvement Projects.

For more information, contact:

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References

TCEQ. 2014, updated daily. Surface Water Quality Monitoring Information System, 9/01/1968 to 10/09/2014. Trinity10092014.xls. Compiled by Data Management & Analysis Team. Austin, TX USA. Data Request ID 226.

AVMA (American Veterinary Medical Association). 2012. U.S. Pet Ownership Statistics. Retrieved 05 June 2015 from <https://www.avma.org/KB/Resources/Statistics/Pages/Market-research-statistics-US-pet-ownership.aspx>.

Texas A&M AgriLife. 2012. Feral Hog Population Growth, Density and Harvest in Texas. SP-472.