# 334520099092101 Lake Kemp Site AC near Mabelle, TX

Red-Lake Texoma Basin
Wichita Subbasin

LOCATION.--Lat 33°45′20″, long 99°09′21″ referenced to North American Datum of 1927, Baylor County, TX, Hydrologic Unit 11130206.

## WATER-QUALITY RECORDS

REMARKS.--The following sites were sampled as part of the Toxic Algae Project, a regional reservoir survey to evaluate the distribution and abundance of bloom forming algae.

| Agency Code | Site Number | Station Name |
|---|---|---|
| USGS | 315642096444401 | Navarro Mills Lake Site CC near Dawson, TX |
| USGS | 323735097274701 | Benbrook Lake Site BC near Benbrook, TX |
| USGS | 315706096420201 | Navarro Mills Lake Site AR near Dawson, TX |
| USGS | 310129097315901 | Stillhouse Hollow Lake Site AC near Belton, TX |
| USGS | 321704096393501 | Bardwell Lake Site BC near Bardwell, TX |
| USGS | 321506096382601 | Bardwell Lake Site AC near Bardwell, TX |
| USGS | 323908097273401 | Benbrook Lake Site AL near Benbrook, TX |
| USGS | 310128097353601 | Stillhouse Hollow Lake Site CC near Belton, TX |
| USGS | 315722097240201 | Lake Whitney Site DC near Whitney, TX |
| USGS | 301908096313101 | Somerville Lake Site AC near Somerville, TX |
| USGS | 295516095080801 | Lake Houston Site AC near Houston, TX |
| USGS | 304132097200801 | Granger Lake Site AC near Granger, TX |
| USGS | 324518094300801 | Lake O' the Pines Site AC near Jefferson, TX |
| USGS | 321113096041201 | Cedar Creek Reservoir Site AC near Trinidad, TX |
| USGS | 324929096305601 | Lake Ray Hubbard PS Site near Forney, TX |
| USGS | 332138097024101 | Ray Roberts Lake Site AC near Pilot Point, TX |
| USGS | 330419096575401 | Lewisville Lake Site AC near Lewisville, TX |
| USGS | 325822097030401 | Grapevine Lake Site AC near Grapevine, TX |
| USGS | 301739097471201 | Lake Austin Site AC at Austin, TX |
| USGS | 302329097542100 | Lake Travis at Mansfield Dam near Lakeway, TX |
| USGS | 310640097283701 | Belton Lake Site AC near Belton, TX |
| USGS | 322227097412101 | Lake Granbury Site AC near Granbury, TX |
| USGS | 334520099092101 | Lake Kemp Site AC near Mabelle, TX |
| USGS | 315335100312401 | E. V. Spence Reservoir Site AC near Robert Lee, TX |
| USGS | 324253097121801 | Lake Arlington Site BC at Arlington, TX |
| USGS | 315807096054899 | Richland-Chambers Reservoir at dam near Kerens, TX |
| USGS | 293225098560600 | Medina Lake Site AC near San Antonio, TX |
| USGS | 325218098254101 | Possum Kingdom Lake Site AC near Graford, TX |
| USGS | 323632099410401 | Fort Phantom Hill Reservoir PS Site near Nugent, TX |

**334520099092101 Lake Kemp Site AC near Mabelle, TX—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**
[Remark codes: <, less than; E, estimated.]

| Date | Time | DepthTo bottom at sample location, feet (81903) | Sampling depth, meters (00098) | Transparency water unfltrd secchi disc feet (49701) | Turbidity, IR LED light, mult. detect, FNMU (63684) | Dissolved oxygen, mg/L (00300) | Dissolved oxygen, percent of saturation (00301) | pH, water, unfltrd field, std units (00400) | Specif. conductance, wat unf uS/cm 25 degC (00095) | Temperature, water, deg C (00010) | 2Methyl-isoborneol water fltrd 0.7u GF ug/L (62749) | Geosmin water, fltrd 0.7u GF ug/L (62719) | Environ microcystin, wat unf unextr, ELISA, ug/L (65209) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Aug** | | | | | | | | | | | | | |
| **22...** | 0830 | 48.0 | 1.0 | 6.0 | <1.0 | 6.5 | 88 | 8.6 | 5,270 | 28.0 | <.005 | <.005 | <.1 |
| **22...** | 0831 | -- | 2.0 | -- | <1.0 | 6.5 | 88 | 8.6 | 5,270 | 28.0 | -- | -- | -- |
| **22...** | 0832 | -- | 3.0 | -- | <1.0 | 6.5 | 88 | 8.6 | 5,270 | 28.0 | -- | -- | -- |
| **22...** | 0833 | -- | 4.0 | -- | <1.0 | 6.5 | 88 | 8.6 | 5,270 | 28.0 | -- | -- | -- |
| **22...** | 0834 | -- | 5.0 | -- | <1.0 | 6.3 | 86 | 8.6 | 5,260 | 28.0 | -- | -- | -- |
| **22...** | 0835 | -- | 6.0 | -- | <1.0 | 6.5 | 88 | 8.6 | 5,260 | 28.0 | -- | -- | -- |
| **22...** | 0836 | -- | 7.0 | -- | <1.0 | 6.3 | 85 | 8.6 | 5,260 | 28.0 | -- | -- | -- |
| **22...** | 0837 | -- | 8.0 | -- | <1.0 | 6.4 | 86 | 8.6 | 5,260 | 28.0 | -- | -- | -- |
| **22...** | 0838 | -- | 9.0 | -- | <1.0 | 6.3 | 86 | 8.6 | 5,260 | 27.9 | -- | -- | -- |
| **22...** | 0839 | -- | 10.0 | -- | <1.0 | 6.2 | 85 | 8.6 | 5,260 | 27.9 | -- | -- | -- |
| **22...** | 0840 | -- | 11.0 | -- | E1.2 | 2.8 | 36 | 8.1 | 5,200 | 27.3 | -- | -- | -- |
| **22...** | 0841 | -- | 12.0 | -- | 12 | E.5 | E6 | 8.8 | 5,170 | 26.8 | -- | -- | -- |
| **22...** | 0842 | -- | 13.0 | -- | E.5 | E.3 | E4 | 9.0 | 5,100 | 25.5 | -- | -- | -- |
| **22...** | 0843 | -- | 14.0 | -- | <1.0 | E.2 | E3 | 9.0 | 5,050 | 24.4 | -- | -- | -- |