

Lake Texana

Segment: 1604 Lavaca River Basin

Basin number: 16
Basin group: D
Water body description: From Palmetto Bend Dam in Jackson County to a point 100 meters (110 yards) downstream of FM 530 in Jackson County, up to normal pool elevation of 44 feet (impounds Navidad River)
Water body classification: Classified
Water body type: Reservoir
Water body length / area: 11,000 Acres
Water body uses: Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use, Public Water Supply Use

Parameters Removed from the 2002 303(d) List: depressed dissolved oxygen

Additional Information: The aquatic life, public water supply and general uses are fully supported. The contact recreation and fish consumption uses were not assessed.

| 2004 Concerns: | | | |
|--|-----------------------------|-----------------------|-------------------------------|
| Assessment Area | Use or Concern | Concern Status | Description of Concern |
| Downstream middle portion of Lake Texana | Nutrient Enrichment Concern | Concern | nitrate+nitrite nitrogen |
| Downstream middle portion of Lake Texana | Nutrient Enrichment Concern | Concern | orthophosphorus |
| Downstream portion of Lake Texana | Nutrient Enrichment Concern | Concern | nitrate+nitrite nitrogen |
| Downstream portion of Lake Texana | Nutrient Enrichment Concern | Concern | orthophosphorus |
| East Mustang Creek arm of Lake Texana | Nutrient Enrichment Concern | Concern | ammonia |
| East Mustang Creek arm of Lake Texana | Nutrient Enrichment Concern | Concern | nitrate+nitrite nitrogen |
| East Mustang Creek arm of Lake Texana | Nutrient Enrichment Concern | Concern | orthophosphorus |
| East Mustang Creek arm of Lake Texana | Nutrient Enrichment Concern | Concern | total phosphorus |
| Navidad River arm of Lake Texana | Nutrient Enrichment Concern | Concern | orthophosphorus |
| Upstream middle portion of Lake Texana | Nutrient Enrichment Concern | Concern | nitrate+nitrite nitrogen |
| Upstream middle portion of Lake Texana | Nutrient Enrichment Concern | Concern | orthophosphorus |

| Monitoring sites used: | | |
|--|-------------------|---|
| Assessment Area | Station ID | Station Description |
| Downstream middle portion of Lake Texana | 13983 | LAKE TEXANA RIVER CHANNEL, 3 KM SOUTH OF SH 111, EAST OF EDNA (USGS SITE BC) |
| Downstream middle portion of Lake Texana | 15379 | LAKE TEXANA 1.9 KM SOUTH OF SH 111, NEAR BRACKENRIDGE PLANTATION RECREATION AREA, EAST OF EDNA |
| Downstream portion of Lake Texana | 13981 | LAKE TEXANA 400 M NORTH OF DAM AND 700 M EAST OF SPILLWAY (USGS SITE AC) |
| Downstream portion of Lake Texana | 13982 | LAKE TEXANA 200 M NORTH OF DAM AND 1.1 KM EAST OF SPILLWAY (USGS SITE AL) |
| Downstream portion of Lake Texana | 15377 | LAKE TEXANA 400 M NORTH OF FM 3131 AND 400 M EAST OF SPILLWAY INLET |
| Downstream portion of Lake Texana | 15381 | LAKE TEXANA, MID-LAKE, 1.8 KM UPSTREAM OF DAM AND 2 KM EAST OF LNRA BOAT DOCK |
| East Mustang Creek arm of Lake Texana | 13986 | LAKE TEXANA, MUSTANG CREEK ARM, 1.5 KM UPSTREAM OF CONFL. WITH MAIN LAKE, AT MUSTANG CREEK RECREATION AREA, SOUTH OF GANADO (SITE EC) |
| Navidad River arm of Lake Texana | 13985 | LAKE TEXANA, 1 KM SOUTH OF US 59 BETWEEN EDNA AND GANADO (USGS SITE DC) |
| Upstream middle portion of Lake Texana | 13984 | LAKE TEXANA 2 KM UPSTREAM OF SH 111, EAST OF EDNA (USGS SITE CC) |

| Historical fish kills: | | | |
|-------------------------------|---|--------------------|------------------------|
| Date | Location | Fish Killed | Suspected Cause |
| 4/25/1997 | North side of hwy 59, approx 1 mile west of Ganado on Cherry rd | 50 | Inorganic compound |