

## Lewisville Lake

Segment: 0823 Trinity River Basin

<b>Basin number:</b>	8
<b>Basin group:</b>	B
<b>Water body description:</b>	From Lewisville Dam in Denton County to a point 100 meters (110 yards) upstream of US 380 in Denton County, up to normal pool elevation of 515 feet (impounds Elm Fork Trinity River)
<b>Water body classification:</b>	Classified
<b>Water body type:</b>	Reservoir
<b>Water body length / area:</b>	23,280 Acres
<b>Water body uses:</b>	Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use, Public Water Supply Use

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

<b>2002 Concerns:</b>			
<b>Assessment Area</b>	<b>Use or Concern</b>	<b>Concern Status</b>	<b>Description of Concern</b>
Hickory Creek arm	Nutrient Enrichment Concern	Concern	ammonia
Little Elm Creek arm	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen

<b>Monitoring sites used:</b>		
<b>Assessment Area</b>	<b>Station ID</b>	<b>Station Description</b>
Hickory Creek arm	11027	LEWISVILLE LAKE AT IH35E IN THE HICKORY CREEK ARM
Hickory Creek arm	13998	LEWISVILLE LAKE USGS SITE CC
Little Elm Creek arm	14000	LEWISVILLE LAKE USGS SITE DC
Little Elm Creek arm	14002	LEWISVILLE LAKE USGS SITE EC
Lowermost portion of reservoir	13995	LEWISVILLE LAKE USGS SITE AL
Lowermost portion of reservoir	13996	LEWISVILLE LAKE USGS SITE AC
Middle portion of reservoir east of Lake Dallas	13999	LEWISVILLE LAKE USGS SITE FC
Middle portion of reservoir east of Lake Dallas	14001	LEWISVILLE LAKE USGS SITE GC
Stewart Creek arm	13997	LEWISVILLE LAKE USGS SITE BC

<b>Published studies:</b>		
<b>Publication</b>	<b>Date</b>	<b>Author</b>
IMS 5 Lake Lewisville	Jan. 1974	Twidwell, S.

(based on data from 03/01/1996 to 02/28/2001)

<b>Historical fish kills:</b>  <b>Date</b>	<b>Location</b>	<b>Fish Killed</b>	<b>Suspected Cause</b>
8/28/1996	Lake Lewisville	10000	Disease