

Lake Austin

Segment: 1403 Colorado River Basin

Basin number: 14
Basin group: D
Water body description: From Tom Miller Dam in Travis County to Mansfield Dam in Travis County, up to normal pool elevation of 492.8 feet (impounds Colorado River)
Water body classification: Classified
Water body type: Reservoir
Water body length / area: 1,830 Acres
Water body uses: Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use, Public Water Supply Use

Standards Not Met and Concerns in Previous Years Assessment Area	Use	Support Status or Concern	Parameter	Category
Quinlan Park to upper end of segment	Aquatic Life Use	Partially Supporting	depressed dissolved oxygen	4c

Parameters Removed from the 2000 303(d) List: bacteria, depressed dissolved oxygen

Additional Information: The contact recreation, public water supply, fish consumption and general uses are fully supported.

This segment was identified on the 2000 303(d) List as partially supporting the aquatic life use due to depressed dissolved oxygen in the upper 3 miles of the segment. Because an insufficient number of 24-hour dissolved oxygen values were available in 2002 to determine if the criterion is supported, this segment will be identified as not meeting the standard for dissolved oxygen until sufficient 24-hour measurements are available to demonstrate support of the criterion. This non-support of the standard is caused by the release of low oxygen water from Mansfield Dam.

2002 Concerns: Assessment Area	Use or Concern	Concern Status	Description of Concern
Quinlan Park to upper end of segment	Aquatic Life Use	Use Concern	depressed dissolved oxygen

Monitoring sites used: Assessment Area	Station ID	Station Description
Dam to Loop 360 bridge	12294	LAKE AUSTIN NEAR TOM MILLER DAM
Dam to Loop 360 bridge	13906	LAKE AUSTIN USGS SITE AC
Dam to Loop 360 bridge	13909	LAKE AUSTIN USGS SITE BC

Monitoring sites used:		
Assessment Area	Station ID	Station Description
Loop 360 bridge to Quinlan Park	12297	LAKE AUSTIN NEAR METROPOLITAN PARK
Loop 360 bridge to Quinlan Park	13911	LAKE AUSTIN USGS SITE CC
Loop 360 bridge to Quinlan Park	13912	LAKE AUSTIN USGS SITE DC
Quinlan Park to upper end of segment	12300	LAKE AUSTIN AT HEADWATERS, LOW WATER CROSSING BELOW THE DAM

Published studies:		
Publication	Date	Author
IMS 42 Lake Austin	Feb. 1976	Ottmers, D.

Historical fish kills:			
Date	Location	Fish Killed	Suspected Cause
8/18/1999	Lake Austin immediately downstream of Mansfield Dam	19	Low Dissolved Oxygen
12/7/2000	Lake Austin downstream of Mansfield Dam	25	Physical Damage/Trauma