

Lake Mexia

Segment: 1210 Brazos River Basin

Basin number: 12
Basin group: D
Water body description: From Bistone Dam in Limestone County up to the normal pool elevation of 448.3 feet (impounds Navasota River)
Water body classification: Classified
Water body type: Reservoir
Water body length / area: 1,200 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
Eastern end of reservoir, from dam to RR 2681 east of Washington Park	Aquatic Life Use	Not Supporting	depressed dissolved oxygen	5b
Narrow center of reservoir around Washington Park	Aquatic Life Use	Not Supporting	depressed dissolved oxygen	5b
Western end, from point where reservoir begins to widen, to upper end	Aquatic Life Use	Not Supporting	depressed dissolved oxygen	5b

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

This segment was identified on the 2000 303(d) List as not supporting the aquatic life use due to depressed dissolved oxygen. 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.

2002 Concerns: Assessment Area	Use or Concern	Concern Status	Description of Concern
Narrow center of reservoir around Washington Park	Aquatic Life Use	Use Concern	depressed dissolved oxygen
Narrow center of reservoir around Washington Park	Nutrient Enrichment Concern	Concern	total phosphorus
Western end, from point where reservoir begins to widen, to upper end	Aquatic Life Use	Use Concern	depressed dissolved oxygen

Monitoring sites used:		
Assessment Area	Station ID	Station Description
Eastern end of reservoir, from dam to RR 2681 east of Washington Park	11878	LAKE MEXIA NEAR DAM
Narrow center of reservoir around Washington Park	14238	LAKE MEXIA AT FM 3437 BRIDGE
Western end, from point where reservoir begins to widen, to upper end	11879	LAKE MEXIA AT HEADWATER