

Upper Trinity River

Segment: 0805 Trinity River Basin

Basin number: 8
Basin group: B
Water body description: From a point immediately upstream of the confluence of the Cedar Creek Reservoir discharge canal in Henderson/Navarro County to a point immediately upstream of the confluence of Elm Fork Trinity River in Dallas County
Water body classification: Classified
Water body type: Freshwater Stream
Water body length / area: 100 Miles
Water body uses: Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use

Standards Not Met in 2004				
Assessment Area	Use	Support Status	Parameter	Category
11 mile reach near S. Loop 12	Contact Recreation Use	Not Supporting	bacteria	5a
11 mile reach near S. Loop 12	Fish Consumption Use	Not Supporting	PCBs in fish tissue	5a
11 mile reach near S. Loop 12	Fish Consumption Use	Not Supporting	chlordan in fish tissue	4a
25 mile reach near SH 34	Contact Recreation Use	Not Supporting	bacteria	5a
Upper 8 miles	Contact Recreation Use	Not Supporting	bacteria	5a
Upper 8 miles	Fish Consumption Use	Not Supporting	PCBs in fish tissue	5a
Upper 8 miles	Fish Consumption Use	Not Supporting	chlordan in fish tissue	4a

Parameters Removed from the 2002 303(d) List: bacteria

Additional Information: The aquatic life and general uses are fully supported.

The Environmental Protection Agency (EPA) has approved a Total Maximum Daily Load (TMDL) for chlordan in fish tissue.

2004 Concerns:			
Assessment Area	Use or Concern	Concern Status	Description of Concern
11 mile reach near S. Loop 12	Nutrient Enrichment Concern	Concern	ammonia
11 mile reach near S. Loop 12	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
11 mile reach near S. Loop 12	Nutrient Enrichment Concern	Concern	orthophosphorus
11 mile reach near S. Loop 12	Nutrient Enrichment Concern	Concern	total phosphorus
25 mile reach near FM 85	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
25 mile reach near FM 85	Nutrient Enrichment Concern	Concern	orthophosphorus
25 mile reach near FM 85	Nutrient Enrichment Concern	Concern	total phosphorus

(-based on data from 03/01/1998 to 02/28/2003)

2004 Concerns:			
Assessment Area	Use or Concern	Concern Status	Description of Concern
25 mile reach near SH 34	Contact Recreation Use	Use Concern- Limited Data	bacteria
25 mile reach near SH 34	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
25 mile reach near SH 34	Nutrient Enrichment Concern	Concern	orthophosphorus
Upper 8 miles	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
Upper 8 miles	Nutrient Enrichment Concern	Concern	orthophosphorus
Upper 8 miles	Nutrient Enrichment Concern	Concern	total phosphorus

Monitoring sites used:		
Assessment Area	Station ID	Station Description
11 mile reach near S. Loop 12	10934	TRINITY RIVER AT SOUTH LOOP SH 12 BELOW DALLAS
25 mile reach near FM 85	10924	TRINITY RIVER AT FM 85 WEST OF SEVEN POINTS
25 mile reach near SH 34	10925	TRINITY RIVER AT SH 34 NE OF ENNIS
Upper 8 miles	10937	TRINITY RIVER AT MOCKINGBIRD LANE IN DALLAS

Published studies:		
Publication	Date	Author
IS 67 Trinity River	July, 1983	Davis, J