

## 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

<b>Standards Not Met in 2002</b>				
<b>Assessment Area</b>	<b>Use</b>	<b>Support Status</b>	<b>Parameter</b>	<b>Category</b>
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 e in fish tissue	4a
Upper 8 miles	Fish Consumption Use	Not Supporting	PCBs in fish tissue	5a
Upper 8 miles	Fish Consumption Use	Not Supporting	chlordan e in fish tissue	4a

<b>Standards Not Met and Concerns in Previous Years</b>				
<b>Assessment Area</b>	<b>Use</b>	<b>Support Status or Concern</b>	<b>Parameter</b>	<b>Category</b>
11 mile reach near S. Loop 12	Contact Recreation Use	Not Supporting	bacteria	5c
25 mile reach near SH 34	Contact Recreation Use	Not Supporting	bacteria	5c
Remainder of segment	Contact Recreation Use	Not Supporting	bacteria	5c
Upper 8 miles	Contact Recreation Use	Not Supporting	bacteria	5c

**Parameters Removed from the 2000 303(d) List:** chlordan e in fish tissue

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

This segment was identified on the 2000 303(d) List as not supporting the contact recreation use due to bacteria. Because there were insufficient data available in 2002 to evaluate changes in water quality, this segment will be identified as not meeting the standard for bacteria until sufficient data are available to demonstrate use support.

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

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

<b>2002 Concerns:</b>			
<b>Assessment Area</b>	<b>Use or Concern</b>	<b>Concern Status</b>	<b>Description of Concern</b>
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
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

<b>Monitoring sites used:</b>		
<b>Assessment Area</b>	<b>Station ID</b>	<b>Station Description</b>
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

<b>Published studies:</b>		
<b>Publication</b>	<b>Date</b>	<b>Author</b>
IS 67 Trinity River	July, 1983	Davis, J