

Elm Fork Trinity River Below Lewisville Lake

Segment: 0822 Trinity River Basin

Basin number: 8
Basin group: B
Water body description: From the confluence with the West Fork Trinity River in Dallas County to Lewisville Dam in Denton County
Water body classification: Classified
Water body type: Freshwater Stream
Water body length / area: 30 Miles
Water body uses: Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use, Public Water Supply Use

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

2004 Concerns:			
Assessment Area	Use or Concern	Concern Status	Description of Concern
4.5 miles upstream to 7.5 miles downstream DWU intake	Nutrient Enrichment Concern	Concern	ammonia
4.5 miles upstream to 7.5 miles downstream DWU intake	Algal Growth Concern	Concern	excessive algal growth
Upper 1.5 miles of segment	Nutrient Enrichment Concern	Concern	ammonia
Upper 1.5 miles of segment	Algal Growth Concern	Concern	excessive algal growth

Monitoring sites used:		
Assessment Area	Station ID	Station Description
1.0 mi upstream to 4.5 miles downstream SH 121	13615	ELM FORK TRINITY RIVER AT SH 121 1.8 MI EAST OF LEWISVILLE, 1.9 MI DOWNSTREAM FROM LEWISVILLE LAKE
4.5 miles upstream to 7.5 miles downstream DWU intake	16438	ELM FORK TRINITY RIVER AT INTAKE OF DALLAS WATER UTILITIES ELM FORK TREATMENT PLANT, 1.2KM NORTH OF SANDY LAKE ROAD IN CARROLLTON
Lower 11 miles of segment	16436	ELM FORK TRINITY RIVER 100M UPSTREAM OF FRASIER DAM, 0.8KM DOWNSTREAM OF SH482 IN DALLAS, TX
Upper 1.5 miles of segment	16437	ELM FORK TRINITY RIVER, 0.5KM DOWNSTREAM OF LAKE LEWISVILLE SPILLWAY NEAR CITY OF LEWISVILLE, TX

Published studies:		
Publication	Date	Author
AS 24 Analysis of Fish Kills in the Trinity River	July 1994	Davis, J.
LP 90-03 Analysis of Fish Kills in the Trinity River	Feb. 1990	Davis, J.

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

Published studies: Publication	Date	Author
LP 91-03 Analysis of Fish Kills in the Trinity River	Jan. 1991	Davis, J.
LP 91-12 Analysis of Fish Kills in the Trinity River	Sept. 1991	Davis, J.

Historical fish kills:			
Date	Location	Fish Killed	Suspected Cause
12/8/1996	Trinity River- at Indian Creek Golf Course between IH-35 and Hwy 121	5	Organic compound