

## North Bosque River

Segment: 1226 Brazos River Basin

**Basin number:** 12  
**Basin group:** D  
**Water body description:** From a point 100 meters (110 yards) upstream of FM 185 in McLennan County to a point immediately above the confluence of Indian Creek in Erath County  
**Water body classification:** Classified  
**Water body type:** Freshwater Stream  
**Water body length / area:** 103 Miles  
**Water body uses:** Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use, Public Water Supply Use

Standards Not Met in 2004 Assessment Area	Use	Support Status	Parameter	Category
Portion of segment downstream of Clifton	General Use	Not Supporting	excessive algal growth	4a
Portion of segment downstream of Iredell	General Use	Not Supporting	excessive algal growth	4a
Upstream portion of segment	General Use	Not Supporting	excessive algal growth	4a

**Additional Information:** The aquatic life use, contact recreation and public water supply uses are fully supporting. The fish consumption use was not assessed.

Excessive algal growth impairs the general use based on the general narrative criteria for nutrients in the Texas Surface Water Quality Standards.

The Environmental Protection Agency (EPA) has approved a Total Maximum Daily Load (TMDL) that will control excessive algal growth in the Bosque River watershed.

2004 Concerns: Assessment Area	Use or Concern	Concern Status	Description of Concern
Portion of segment downstream of Clifton	Algal Growth Concern	Concern	excessive algal growth
Portion of segment downstream of Iredell	Algal Growth Concern	Concern	excessive algal growth
Upstream portion of segment	Aquatic Life Use	Use Concern-Limited Data	depressed dissolved oxygen
Upstream portion of segment	Aquatic Life Use	Use Concern-Limited Data	impaired fish community
Upstream portion of segment	Algal Growth Concern	Concern	excessive algal growth

<b>Monitoring sites used:</b>		
<b>Assessment Area</b>	<b>Station ID</b>	<b>Station Description</b>
Downstream portion of segment	11951	NORTH BOSQUE RIVER WEST OF CHINA SPRING ON COUNTY ROAD
Downstream portion of segment	11952	NORTH BOSQUE RIVER AT WACO BOYS CAMP (YMCA) WEST OF VALLEY MILLS
Downstream portion of segment	11954	NORTH BOSQUE RIVER AT COUNTY ROAD OFF SH 6 WEST OF VALLEY MILLS
Portion of segment downstream of Clifton	11956	NORTH BOSQUE RIVER AT FM 219 NE OF CLIFTON
Portion of segment downstream of Iredell	11958	NORTH BOSQUE RIVER IN MERIDIAN AT SH 22
Portion of segment downstream of Iredell	11960	NORTH BOSQUE RIVER AT FM 216 IN IREDELL
Upstream portion of segment	11961	NORTH BOSQUE RIVER AT US 281 NEAR HICO
Upstream portion of segment	11962	NORTH BOSQUE RIVER AT SH 6 ABOVE GREEN CREEK CONFLUENCE
Upstream portion of segment	14384	NORTH BOSQUE RIVER AT BOSQUE CR 110, 6.8 KM UPSTREAM OF SH 6 WEST OF IREDELL
Upstream portion of segment	15123	NORTH BOSQUE RIVER AT UNNAMED ERATH CR, 125M UPSTREAM OF SH6 (WAS FM1824), EAST OF CLAIRETTE

<b>Published studies:</b>	<b>Date</b>	<b>Author</b>
<b>Publication</b>		
IS 6 Bosque River	April 1978	Ezell, C.

<b>Historical fish kills:</b>			
<b>Date</b>	<b>Location</b>	<b>Fish Killed</b>	<b>Suspected Cause</b>
8/6/1998	North Bosque River - near Waco, Texas	15	Physical Damage/Trauma