

Frio River Above Choke Canyon Reservoir

Segment: 2117 Nueces River Basin

Basin number: 21
Basin group: E
Water body description: From a point 4.2 km (2.6 miles) downstream of SH 16 in McMullen County to a point 100 meters (110 yards) upstream of US 90 in Uvalde County
Water body classification: Classified
Water body type: Freshwater Stream
Water body length / area: 158 Miles
Water body uses: Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use, Public Water Supply Use

Standards Not Met in 2002				
Assessment Area	Use	Support Status	Parameter	Category
Lower 25 miles of segment	Contact Recreation Use	Not Supporting	bacteria	5c

Standards Not Met and Concerns in Previous Years				
Assessment Area	Use	Support Status or Concern	Parameter	Category
25 mi. surrounding La Salle CR crossing north of SH 97	Aquatic Life Use	Partially Supporting	depressed dissolved oxygen	5c
25 miles surrounding IH 35	Aquatic Life Use	Partially Supporting	depressed dissolved oxygen	5c
From 2 mi. downstream of SH 97 to 14 mi. upstream of SH 97 crossing	Aquatic Life Use	Partially Supporting	depressed dissolved oxygen	5c
Lower 25 miles of segment	Aquatic Life Use	Partially Supporting	depressed dissolved oxygen	5c

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

This segment was identified on the 2000 303(d) List as partially 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
25 mi. surrounding La Salle CR crossing north of SH 97	Public Water Supply Concern	Concern	chloride
25 mi. surrounding La Salle CR crossing north of SH 97	Public Water Supply Concern	Concern	total dissolved solids

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

2002 Concerns:			
Assessment Area	Use or Concern	Concern Status	Description of Concern
25 miles surrounding FM 187	Public Water Supply Concern	Concern	chloride
25 miles surrounding FM 187	Public Water Supply Concern	Concern	total dissolved solids
25 miles surrounding IH 35	Aquatic Life Use	Use Concern	depressed dissolved oxygen
25 miles surrounding IH 35	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
25 miles surrounding IH 35	Public Water Supply Concern	Concern	chloride
25 miles surrounding IH 35	Public Water Supply Concern	Concern	total dissolved solids
From 2 mi. downstream of SH 97 to 14 mi. upstream of SH 97 crossing	Contact Recreation Use	Use Concern-Limited Data	bacteria
From 2 mi. downstream of SH 97 to 14 mi. upstream of SH 97 crossing	Public Water Supply Concern	Concern	chloride
From 2 mi. downstream of SH 97 to 14 mi. upstream of SH 97 crossing	Public Water Supply Concern	Concern	total dissolved solids
Lower 25 miles of segment	Contact Recreation Use	Use Concern	bacteria
Lower 25 miles of segment	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
Lower 25 miles of segment	Algal Growth Concern	Concern	excessive algal growth
Lower 25 miles of segment	Public Water Supply Concern	Concern	chloride
Lower 25 miles of segment	Public Water Supply Concern	Concern	total dissolved solids
Remainder of segment	Public Water Supply Concern	Concern	chloride
Remainder of segment	Public Water Supply Concern	Concern	total dissolved solids

Monitoring sites used:		
Assessment Area	Station ID	Station Description
25 mi. surrounding La Salle CR crossing north of SH 97	15448	FRIO RIVER AT LA SALLE CR, 5 MI. NORTH OF SH 97 AND 5 MI. EAST OF FM 469, 6 MI. NE OF LOS ANGELES
25 miles surrounding FM 187	15449	FRIO RIVER AT FM 187, 8 MI. SOUTH OF SABINAL
25 miles surrounding IH 35	13024	FRIO RIVER AT IH 35 NORTH OF DILLEY
From 2 mi. downstream of SH 97 to 14 mi. upstream of SH 97 crossing	15637	FRIO RIVER AT END OF PRIVATE ROAD 0.6 KM NW OF FOWLERTON AND 1.1 KM UPSTREAM OF SH 97
Lower 25 miles of segment	13023	FRIO RIVER AT SH 16 IN TILDEN

Historical fish kills:			
Date	Location	Fish Killed	Suspected Cause
5/6/1997	Frio R. 20 mi downstream of HWY 85 to Tilden	23200	Low Dissolved Oxygen