

Upper South Sulphur River

Segment: 0306 Sulphur River Basin

Basin number: 3
Basin group: A
Water body description: From a point 1.0 km (0.6 miles) upstream of SH 71 in Delta/Hopkins County to SH 78 in Fannin County
Water body classification: Classified
Water body type: Freshwater Stream
Water body length / area: 42 Miles
Water body uses: Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use

Standards Not Met in 2002 Assessment Area	Use	Support Status	Parameter	Category
25 miles above SH 11	General Use	Partially Supporting	high pH	5c

Standards Not Met and Concerns in Previous Years Assessment Area	Use	Support Status or Concern	Parameter	Category
Lower 6 miles	Aquatic Life Use	Partially Supporting	depressed dissolved oxygen	5c
Lower 6 miles	Contact Recreation Use	Not Supporting	bacteria	5c

Additional Information: The fish consumption use is 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 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.

This segment was also 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 miles above SH 11	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
25 miles above SH 11	Nutrient Enrichment Concern	Concern	orthophosphorus

Monitoring sites used:		
Assessment Area	Station ID	Station Description
25 miles above SH 11	10238	SOUTH SULPHUR RIVER AT STATE HWY 11 SOUTHEAST OF COMMERCE
Lower 6 miles	10234	SOUTH SULPHUR RIVER AT FM 71 EAST OF COMMERCE