

Little Cypress Bayou (Creek)

Segment: 0409 Cypress Creek Basin

Basin number: 4
Basin group: A
Water body description: From the confluence of Big Cypress Creek in Harrison/Marion County to a point 1.0 km (0.6 miles) upstream of FM 2088 in Wood County
Water body classification: Classified
Water body type: Freshwater Stream
Water body length / area: 93 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
Middle 18 miles above Hwy 154	Aquatic Life Use	Partially Supporting	depressed dissolved oxygen	5c

Standards Not Met and Concerns in Previous Years				
Assessment Area	Use	Support Status or Concern	Parameter	Category
Lower 25 miles of segment	Aquatic Life Use	Not Supporting	depressed dissolved oxygen	5c
Middle 25 miles below Hwy 271	Aquatic Life Use	Not Supporting	depressed dissolved oxygen	5c

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

This segment was identified on the 2000 303(d) List as not supporting the aquatic life use due to depressed dissolved oxygen in several areas of the bayou. 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
Lower 25 miles of segment	Aquatic Life Use	Use Concern-Limited Data	chronic toxicity in water
Lower 25 miles of segment	Aquatic Life Use	Use Concern	depressed dissolved oxygen
Middle 18 miles above Hwy 154	Aquatic Life Use	Use Concern	depressed dissolved oxygen
Middle 25 miles below Hwy 271	Aquatic Life Use	Use Concern	depressed dissolved oxygen

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

2002 Concerns:			
Assessment Area	Use or Concern	Concern Status	Description of Concern
Middle 25 miles below Hwy 271	Aquatic Life Use	Use Concern- Limited Data	lead (chronic) in water

Monitoring sites used:		
Assessment Area	Station ID	Station Description
Lower 25 miles of segment	10332	LITTLE CYPRESS CREEK AT US 59, 3.3 MI. SOUTH OF JEFFERSON
Middle 18 miles above Hwy 154	15773	LITTLE CYPRESS CREEK AT FM450, 12.5 MI. NORTH OF INTERSECTION OF US80 AND FM450 AT HALLSVILLE
Middle 25 miles below Hwy 271	10334	LITTLE CYPRESS BAYOU AT FM 555

Published studies:		
Publication	Date	Author
IS 91-04 Little Cypress Bayou	July 1990	Petrick, D.