

Big Cypress Creek Below Lake O' the Pines

Segment: 0402 Cypress Creek Basin

Basin number:	4
Basin group:	A
Water body description:	From a point 12.3 km (7.6 miles) downstream of SH 43 in Harrison/Marion County to Ferrell's Bridge Dam in Marion 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, Public Water Supply Use

Standards Not Met in 2002				
Assessment Area	Use	Support Status	Parameter	Category
11 miles below Black Cypress Creek	General Use	Partially Supporting	low pH	5c
11 miles below Black Cypress Creek	Fish Consumption Use	Partially Supporting	mercury in fish tissue	5a
Lower 9 miles	Fish Consumption Use	Partially Supporting	mercury in fish tissue	5a
Middle 15 miles near Jefferson	Fish Consumption Use	Partially Supporting	mercury in fish tissue	5a
Upper 7 miles	Fish Consumption Use	Partially Supporting	mercury in fish tissue	5a

Standards Not Met and Concerns in Previous Years				
Assessment Area	Use	Support Status or Concern	Parameter	Category
11 miles below Black Cypress Creek	Aquatic Life Use	Partially Supporting	depressed dissolved oxygen	5c
Lower 9 miles	Aquatic Life Use	Partially Supporting	depressed dissolved oxygen	5c

Additional Information: The public water supply use is fully supported. The contact recreation use was not assessed.

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
11 miles below Black Cypress Creek	Aquatic Life Use	Use Concern	depressed dissolved oxygen
11 miles below Black Cypress Creek	Algal Growth Concern	Concern	excessive algal growth

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

2002 Concerns:			
Assessment Area	Use or Concern	Concern Status	Description of Concern
Lower 9 miles	Aquatic Life Use	Use Concern	depressed dissolved oxygen
Lower 9 miles	General Use	Use Concern	low pH
Upper 7 miles	Aquatic Life Use	Use Concern- Limited Data	lead (chronic) in water

Monitoring sites used:		
Assessment Area	Station ID	Station Description
11 miles below Black Cypress Creek	14471	BIG CYPRESS BAYOU AT BENTON LAKE APPROXIMATELY 4.6 MI. UPSTREAM OF SH 43 BRIDGE
11 miles below Black Cypress Creek	16254	BIG CYPRESS CREEK AT THE CITY OF MARSHALL PUBLIC WATER SUPPLY INTAKE APPROX. 5KM UPSTREAM OF SH43
Lower 9 miles	10295	BIG CYPRESS CREEK AT SH 43 NORTH OF KARNACK
Lower 9 miles	15022	BIG CYPRESS CREEK APPROX. 1.2KM DOWNSTREAM OF SH43 AT CADDO LAKE STATE PARK BOAT RAMP
Middle 15 miles near Jefferson	15511	BIG CYPRESS BAYOU AT US 59 IN JEFFERSON
Upper 7 miles	13630	BIG CYPRESS CREEK 950 FT. DOWN FROM FERRELL'S BRIDGE DAM, 8.5 MI. WEST OF JEFFERSON
Upper 7 miles	15135	BIG CYPRESS CREEK IMMEDIATELY BELOW LAKE O' THE PINES AT MARION CO. RD. 0.5 MI DOWNSTREAM OF FM 726