

Caddo Lake

Segment: 0401 Cypress Creek Basin

Basin number: 4
Basin group: A
Water body description: From the Louisiana State Line in Harrison/Marion County to a point 12.3 km (7.6 miles) downstream of SH 43 in Harrison/Marion County, up to pool elevation of 168.5 feet (impounds Big Cypress Creek)
Water body classification: Classified
Water body type: Reservoir
Water body length / area: 26,800 Acres
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
Clinton Lake	Aquatic Life Use	Not Supporting	depressed dissolved oxygen	5c
Clinton Lake	Fish Consumption Use	Partially Supporting	mercury in largemouth bass and freshwater drum	5c
Goose Prairie arm	Aquatic Life Use	Partially Supporting	depressed dissolved oxygen	5c
Goose Prairie arm	General Use	Partially Supporting	low pH	5c
Goose Prairie arm	Fish Consumption Use	Partially Supporting	mercury in largemouth bass and freshwater drum	5c
Harrison Bayou arm	Aquatic Life Use	Partially Supporting	depressed dissolved oxygen	5c
Harrison Bayou arm	Fish Consumption Use	Partially Supporting	mercury in largemouth bass and freshwater drum	5c
Hells Half Acre	Aquatic Life Use	Partially Supporting	depressed dissolved oxygen	5c
Hells Half Acre	Fish Consumption Use	Partially Supporting	mercury in largemouth bass and freshwater drum	5c
Lower 5000 acres	Fish Consumption Use	Partially Supporting	mercury in largemouth bass and freshwater drum	5c
Mid-lake near Uncertain	Fish Consumption Use	Partially Supporting	mercury in largemouth bass and freshwater drum	5c
Pine Island	Fish Consumption Use	Partially Supporting	mercury in largemouth bass and freshwater drum	5c
Remainder of segment	Fish Consumption Use	Partially Supporting	mercury in largemouth bass and freshwater drum	5c

Parameters Removed from the 2002 303(d) List: low pH

Additional Information: The contact recreation and public water supply uses are fully supported.

2004 Concerns:			
Assessment Area	Use or Concern	Concern Status	Description of Concern
Clinton Lake	Aquatic Life Use	Use Concern	depressed dissolved oxygen
Clinton Lake	Nutrient Enrichment Concern	Concern	ammonia
Clinton Lake	Fish Tissue Contaminants Concern	Concern	mercury in fish tissue
Harrison Bayou arm	Aquatic Life Use	Use Concern	depressed dissolved oxygen
Hells Half Acre	Sediment Contaminants Concern	Concern	barium in sediment
Hells Half Acre	Sediment Contaminants Concern	Concern	mercury in sediment
Hells Half Acre	Sediment Contaminants Concern	Concern	selenium in sediment
Hells Half Acre	Sediment Contaminants Concern	Concern	zinc in sediment
Lower 5000 acres	General Use	Use Concern	low and high pH
Lower 5000 acres	Nutrient Enrichment Concern	Concern	ammonia
Lower 5000 acres	Sediment Contaminants Concern	Concern	lead in sediment
Lower 5000 acres	Sediment Contaminants Concern	Concern	mercury in sediment
Lower 5000 acres	Sediment Contaminants Concern	Concern	zinc in sediment
Mid-lake near Uncertain	Narrative Criteria Concern	Concern	depressed dissolved oxygen

Monitoring sites used:		
Assessment Area	Station ID	Station Description
Clinton Lake	14236	CADDO LAKE AT DEVILS ELBOW IN UPPER LAKE NEAR CLINTON LAKE
Goose Prairie arm	15275	CADDO LAKE IN GOOSE PRAIRIE ARM NEAR BOAT RAMP AT CRIP'S CAMP IN UNCERTAIN, TX
Harrison Bayou arm	10286	CADDO LAKE 0.25 MI. NE OF THE MOUTH OF HARRISON BAYOU AND 0.5 MI. EAST OF LONG POINT
Harrison Bayou arm	14946	CADDO LAKE 0.5 MI. NORTH OF LONG POINT IN A NATURAL CHANNEL BETWEEN TWO CYPRESS BREAKS AT GOOSE ISLAND
Hells Half Acre	10294	CADDO LAKE NEAR HELLS HALF ACRE IN CARTER LAKE
Hells Half Acre	15023	CADDO LAKE AT PINE NEEDLE LODGE PIER, APPROX. 5 MI. SE OF THE INTERSECTION OF SH 43 AND SH 49
Lower 5000 acres	10283	CADDO LAKE MID LAKE
Mid-lake near Uncertain	15249	CADDO LAKE NEAR SHORE AT END OF FM 2198 AT DWIGHT SHELLMANS PROPERTY, SE OF UNCERTAIN
Pine Island	15248	CADDO LAKE NEAR SHORE KENNETH WINNS PIER, 2 MI. NORTH OF FM 2198 ON PINE ISLAND RD (RR2 BOX 11C-1)

Published studies:		
Publication	Date	Author
AS 121/SR Cypress Creek Basin	Jan. 1993	Crowe, A. (Region 5)
IMS 50 Caddo Lake	Feb. 1975	Kirkpatrick, J.