

Segment ID: 0409 Water body name: Little Cypress Bayou (Creek)

Freshwater Stream Cypress Creek Basin Total size: 93 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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Aquatic Life Use

2002	Dissolved Oxygen grab average	Use Concern	Lower 25 miles of segment	25	33	11	
2002	Dissolved Oxygen grab average	Use Concern	Middle 18 miles above Hwy 154	18	15	10	
2002	Dissolved Oxygen grab average	Use Concern	Middle 25 miles below Hwy 271	25	15	8	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Lower 25 miles of segment	25	33	3	
2002	Dissolved Oxygen grab minimum	Partially Supporting	Middle 18 miles above Hwy 154	18	15	5	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Middle 25 miles below Hwy 271	25	15	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Lower 25 miles of segment	25	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Middle 18 miles above Hwy 154	18	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Middle 25 miles below Hwy 271	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Lower 25 miles of segment	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Middle 18 miles above Hwy 154	18	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Middle 25 miles below Hwy 271	25	0		
2002	Acute Metals in water	No Concern-Limited Data	Middle 18 miles above Hwy 154	18	7	1	
2002	Acute Metals in water	No Concern-Limited Data	Middle 25 miles below Hwy 271	25	7	0	
2002	Acute Metals in water Aluminum	Fully Supporting	Lower 25 miles of segment	25	15	1	
2002	Chronic Metals in water	Fully Supporting	Lower 25 miles of segment	25	15		
2002	Chronic Metals in water	No Concern-Limited Data	Middle 18 miles above Hwy 154	18	7		
2002	Chronic Metals in water Lead	Use Concern-Limited Data	Middle 25 miles below Hwy 271	25	7		0.885
2002	Chronic Toxicity tests in water	Use Concern-Limited Data	Lower 25 miles of segment	25	5	1	
2002	Chronic Toxicity tests in water	Not Assessed	Middle 18 miles above Hwy 154	18	2		

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**Aquatic Life Use** (continued)

2002	Chronic Toxicity tests in water	Not Assessed	Middle 25 miles below Hwy 271	25	2		
2002	Overall Aquatic Life Use	Fully Supporting	Lower 25 miles of segment	25			
2002	Overall Aquatic Life Use	Partially Supporting	Middle 18 miles above Hwy 154	18			
2002	Overall Aquatic Life Use	Fully Supporting	Middle 25 miles below Hwy 271	25			
2002	Overall Aquatic Life Use	Not Assessed	Upper 25 miles - remainder	25			

**Contact Recreation Use**

2002	E. coli single sample	Not Assessed	Lower 25 miles of segment	25	1		
2002	E. coli single sample	Not Assessed	Middle 18 miles above Hwy 154	18	0		
2002	E. coli single sample	Not Assessed	Middle 25 miles below Hwy 271	25	0		
2002	E. coli geometric mean	Not Assessed	Lower 25 miles of segment	25	1		
2002	E. coli geometric mean	Not Assessed	Middle 18 miles above Hwy 154	18	0		
2002	E. coli geometric mean	Not Assessed	Middle 25 miles below Hwy 271	25	0		
2002	Fecal coliform single sample	Fully Supporting	Lower 25 miles of segment	25	21	1	
2002	Fecal coliform single sample	Fully Supporting	Middle 18 miles above Hwy 154	18	13	0	
2002	Fecal coliform single sample	Fully Supporting	Middle 25 miles below Hwy 271	25	13	1	
2002	Fecal coliform geometric mean	Fully Supporting	Lower 25 miles of segment	25	21		81
2002	Fecal coliform geometric mean	Fully Supporting	Middle 18 miles above Hwy 154	18	13		91
2002	Fecal coliform geometric mean	Fully Supporting	Middle 25 miles below Hwy 271	25	13		143
2002	Overall Recreation Use	Fully Supporting	Lower 25 miles of segment	25			
2002	Overall Recreation Use	Fully Supporting	Middle 18 miles above Hwy 154	18			
2002	Overall Recreation Use	Fully Supporting	Middle 25 miles below Hwy 271	25			
2002	Overall Recreation Use	Not Assessed	Upper 25 miles - remainder	25			

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**General Use**

2002	Water Temperature	Fully Supporting	Lower 25 miles of segment	25	32	0	
2002	Water Temperature	Fully Supporting	Middle 18 miles above Hwy 154	18	15	0	
2002	Water Temperature	Fully Supporting	Middle 25 miles below Hwy 271	25	14	0	
2002	pH	Fully Supporting	Lower 25 miles of segment	25	33	0	
2002	pH	Fully Supporting	Middle 18 miles above Hwy 154	18	16	0	
2002	pH	Fully Supporting	Middle 25 miles below Hwy 271	25	15	0	
2002	Chloride	Fully Supporting	Lower 25 miles of segment	25	57		17.1
2002	Chloride	Fully Supporting	Middle 18 miles above Hwy 154	18	57		17.1
2002	Chloride	Fully Supporting	Middle 25 miles below Hwy 271	25	57		17.1
2002	Chloride	Fully Supporting	Upper 25 miles - remainder	25	57		17.1
2002	Sulfate	Fully Supporting	Lower 25 miles of segment	25	57		12.3
2002	Sulfate	Fully Supporting	Middle 18 miles above Hwy 154	18	57		12.3
2002	Sulfate	Fully Supporting	Middle 25 miles below Hwy 271	25	57		12.3
2002	Sulfate	Fully Supporting	Upper 25 miles - remainder	25	57		12.3
2002	Total Dissolved Solids	Fully Supporting	Lower 25 miles of segment	25	77		114.3
2002	Total Dissolved Solids	Fully Supporting	Middle 18 miles above Hwy 154	18	77		114.3
2002	Total Dissolved Solids	Fully Supporting	Middle 25 miles below Hwy 271	25	77		114.3
2002	Total Dissolved Solids	Fully Supporting	Upper 25 miles - remainder	25	77		114.3
2002	Overall General Use	Fully Supporting	Lower 25 miles of segment	25			
2002	Overall General Use	Fully Supporting	Middle 18 miles above Hwy 154	18			
2002	Overall General Use	Fully Supporting	Middle 25 miles below Hwy 271	25			
2002	Overall General Use	Fully Supporting	Upper 25 miles - remainder	25			

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**Fish Consumption Use**

2002	Human Health Criteria	Fully Supporting	Lower 25 miles of segment	25	23		
2002	Human Health Criteria	No Concern-Limited Data	Middle 18 miles above Hwy 154	18	7		
2002	Human Health Criteria	No Concern-Limited Data	Middle 25 miles below Hwy 271	25	7		
2002	Overall Fish Consumption Use	Fully Supporting	Lower 25 miles of segment	25			
2002	Overall Fish Consumption Use	Not Assessed	Middle 18 miles above Hwy 154	18			
2002	Overall Fish Consumption Use	Not Assessed	Middle 25 miles below Hwy 271	25			
2002	Overall Fish Consumption Use	Not Assessed	Upper 25 miles - remainder	25			

**Public Water Supply Use**

2002	Surface Water: Long-term average	Fully Supporting	Lower 25 miles of segment	25	23		
2002	Surface Water: Long-term average	No Concern-Limited Data	Middle 18 miles above Hwy 154	18	7		
2002	Surface Water: Long-term average	No Concern-Limited Data	Middle 25 miles below Hwy 271	25	7		
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower 25 miles of segment	25	31		0.173
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	Middle 18 miles above Hwy 154	18	9		0.229
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	Middle 25 miles below Hwy 271	25	9		0.364
2002	Surface Water: Running average	Fully Supporting	Lower 25 miles of segment	25	23		
2002	Surface Water: Running average	No Concern-Limited Data	Middle 18 miles above Hwy 154	18	7		
2002	Surface Water: Running average	No Concern-Limited Data	Middle 25 miles below Hwy 271	25	7		

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**Public Water Supply Use** (continued)

2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower 25 miles of segment	25	31		
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	Middle 18 miles above Hwy 154	18	9		
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	Middle 25 miles below Hwy 271	25	9		
2002	Overall Public Water Supply Use	Fully Supporting	Lower 25 miles of segment	25			
2002	Overall Public Water Supply Use	Fully Supporting	Middle 18 miles above Hwy 154	18			
2002	Overall Public Water Supply Use	Fully Supporting	Middle 25 miles below Hwy 271	25			
2002	Overall Public Water Supply Use	Fully Supporting	Upper 25 miles - remainder	25			

**Overall Use Support**

2002		Fully Supporting	Lower 25 miles of segment	25			
2002		Partially Supporting	Middle 18 miles above Hwy 154	18			
2002		Fully Supporting	Middle 25 miles below Hwy 271	25			
2002		Fully Supporting	Upper 25 miles - remainder	25			

**Nutrient Enrichment Concern**

2002	Ammonia Nitrogen	No Concern	Lower 25 miles of segment	25	31	0	
2002	Ammonia Nitrogen	Not Assessed	Middle 18 miles above Hwy 154	18	9	0	
2002	Ammonia Nitrogen	Not Assessed	Middle 25 miles below Hwy 271	25	9	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Lower 25 miles of segment	25	31	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Middle 18 miles above Hwy 154	18	9	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Middle 25 miles below Hwy 271	25	9	0	
2002	Orthophosphorus	No Concern	Lower 25 miles of segment	25	29	0	
2002	Orthophosphorus	Not Assessed	Middle 18 miles above Hwy 154	18	9	0	

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**Nutrient Enrichment Concern** (continued)

2002	Orthophosphorus	Not Assessed	Middle 25 miles below Hwy 271	25	9	0	
2002	Total Phosphorus	No Concern	Lower 25 miles of segment	25	27	1	
2002	Total Phosphorus	Not Assessed	Middle 18 miles above Hwy 154	18	9	0	
2002	Total Phosphorus	Not Assessed	Middle 25 miles below Hwy 271	25	9	0	
2002	Overall Nutrient Enrichment Concerns	No Concern	Lower 25 miles of segment	25			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Middle 18 miles above Hwy 154	18			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Middle 25 miles below Hwy 271	25			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Upper 25 miles - remainder	25			

**Algal Growth Concern**

2002	Chlorophyll a	No Concern	Lower 25 miles of segment	25	26	1	
2002	Chlorophyll a	Not Assessed	Middle 18 miles above Hwy 154	18	9	0	
2002	Chlorophyll a	Not Assessed	Middle 25 miles below Hwy 271	25	9	0	
2002	Chlorophyll a	Not Assessed	Upper 25 miles - remainder	25			

**Sediment Contaminants Concern**

2002	Metals in sediment	Not Assessed	Lower 25 miles of segment	25	1		
2002	Metals in sediment	Not Assessed	Middle 18 miles above Hwy 154	18	2		
2002	Metals in sediment	Not Assessed	Middle 25 miles below Hwy 271	25	2		
2002	Overall Sediment Contaminant Concerns	Not Assessed	Lower 25 miles of segment	25			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Middle 18 miles above Hwy 154	18			

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**Sediment Contaminants Concern** (continued)

2002	Overall Sediment Contaminant Concerns	Not Assessed	Middle 25 miles below Hwy 271	25			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upper 25 miles - remainder	25			

**Fish Tissue Contaminants Concern**

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 25 miles of segment	25			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Middle 18 miles above Hwy 154	18			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Middle 25 miles below Hwy 271	25			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper 25 miles - remainder	25			

**Public Water Supply Concern**

2002	Finished Water: Chloride	No Concern	Lower 25 miles of segment	25			
2002	Finished Water: Chloride	No Concern	Middle 18 miles above Hwy 154	18			
2002	Finished Water: Chloride	No Concern	Middle 25 miles below Hwy 271	25			
2002	Finished Water: Chloride	No Concern	Upper 25 miles - remainder	25			
2002	Finished Water: Sulfate	No Concern	Lower 25 miles of segment	25			
2002	Finished Water: Sulfate	No Concern	Middle 18 miles above Hwy 154	18			
2002	Finished Water: Sulfate	No Concern	Middle 25 miles below Hwy 271	25			
2002	Finished Water: Sulfate	No Concern	Upper 25 miles - remainder	25			
2002	Finished Water: Total Dissolved Solids	No Concern	Lower 25 miles of segment	25			
2002	Finished Water: Total Dissolved Solids	No Concern	Middle 18 miles above Hwy 154	18			

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**Public Water Supply Concern** (continued)

2002	Finished Water: Total Dissolved Solids	No Concern	Middle 25 miles below Hwy 271	25			
2002	Finished Water: Total Dissolved Solids	No Concern	Upper 25 miles - remainder	25			
2002	Finished Water: MTBE	No Concern	Lower 25 miles of segment	25			
2002	Finished Water: MTBE	No Concern	Middle 18 miles above Hwy 154	18			
2002	Finished Water: MTBE	No Concern	Middle 25 miles below Hwy 271	25			
2002	Finished Water: MTBE	No Concern	Upper 25 miles - remainder	25			
2002	Finished Water: Perchlorate	Not Assessed	Lower 25 miles of segment	25			
2002	Finished Water: Perchlorate	Not Assessed	Middle 18 miles above Hwy 154	18			
2002	Finished Water: Perchlorate	Not Assessed	Middle 25 miles below Hwy 271	25			
2002	Finished Water: Perchlorate	Not Assessed	Upper 25 miles - remainder	25			
2002	Finished Water: Overall	No Concern	Lower 25 miles of segment	25			
2002	Finished Water: Overall	No Concern	Middle 18 miles above Hwy 154	18			
2002	Finished Water: Overall	No Concern	Middle 25 miles below Hwy 271	25			
2002	Finished Water: Overall	No Concern	Upper 25 miles - remainder	25			
2002	Surface Water: Chloride	No Concern	Lower 25 miles of segment	25	57		17.1
2002	Surface Water: Chloride	No Concern	Middle 18 miles above Hwy 154	18	57		17.1
2002	Surface Water: Chloride	No Concern	Middle 25 miles below Hwy 271	25	57		17.1
2002	Surface Water: Chloride	No Concern	Upper 25 miles - remainder	25	57		17.1
2002	Surface Water: Sulfate	No Concern	Lower 25 miles of segment	25	57		12.3
2002	Surface Water: Sulfate	No Concern	Middle 18 miles above Hwy 154	18	57		12.3
2002	Surface Water: Sulfate	No Concern	Middle 25 miles below Hwy 271	25	57		12.3
2002	Surface Water: Sulfate	No Concern	Upper 25 miles - remainder	25	57		12.3



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**Public Water Supply Concern** (continued)

2002	Surface Water: Total Dissolved Solids	No Concern	Lower 25 miles of segment	25	77		114.3
2002	Surface Water: Total Dissolved Solids	No Concern	Middle 18 miles above Hwy 154	18	77		114.3
2002	Surface Water: Total Dissolved Solids	No Concern	Middle 25 miles below Hwy 271	25	77		114.3
2002	Surface Water: Total Dissolved Solids	No Concern	Upper 25 miles - remainder	25	77		114.3

2002	Surface Water: Overall	No Concern	Lower 25 miles of segment	25			
2002	Surface Water: Overall	No Concern	Middle 18 miles above Hwy 154	18			
2002	Surface Water: Overall	No Concern	Middle 25 miles below Hwy 271	25			
2002	Surface Water: Overall	No Concern	Upper 25 miles - remainder	25			

2002	Overall Public Water Supply Concerns	No Concern	Lower 25 miles of segment	25			
2002	Overall Public Water Supply Concerns	No Concern	Middle 18 miles above Hwy 154	18			
2002	Overall Public Water Supply Concerns	No Concern	Middle 25 miles below Hwy 271	25			
2002	Overall Public Water Supply Concerns	No Concern	Upper 25 miles - remainder	25			

**Narrative Criteria Concern**

2002	Overall Narrative Criteria Concerns	No Concern	Lower 25 miles of segment	25			
2002	Overall Narrative Criteria Concerns	No Concern	Middle 18 miles above Hwy 154	18			
2002	Overall Narrative Criteria Concerns	No Concern	Middle 25 miles below Hwy 271	25			
2002	Overall Narrative Criteria Concerns	No Concern	Upper 25 miles - remainder	25			

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**Overall Secondary Concern**

2002		No Concern	Lower 25 miles of segment	25			
2002		No Concern	Middle 18 miles above Hwy 154	18			
2002		No Concern	Middle 25 miles below Hwy 271	25			
2002		No Concern	Upper 25 miles - remainder	25			