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

Freshwater Stream | Cypress Creek Basin | Total size: 93 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Aquatic Life Use						
Dissolved Oxygen grab average	Use Concern	Lower 25 miles of segment	25	33	11	
Dissolved Oxygen grab average	Use Concern	Middle 18 miles above Hwy 154	18	15	10	
Dissolved Oxygen grab average	Use Concern	Middle 25 miles below Hwy 271	25	15	8	
Dissolved Oxygen grab minimum	Fully Supporting	Lower 25 miles of segment	25	33	3	
Dissolved Oxygen grab minimum	Partially Supporting	Middle 18 miles above Hwy 154	18	15	5	
Dissolved Oxygen grab minimum	Fully Supporting	Middle 25 miles below Hwy 271	25	15	0	
Dissolved Oxygen 24hr average	Not Assessed	Lower 25 miles of segment	25	0		
Dissolved Oxygen 24hr average	Not Assessed	Middle 18 miles above Hwy 154	18	0		
Dissolved Oxygen 24hr average	Not Assessed	Middle 25 miles below Hwy 271	25	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Lower 25 miles of segment	25	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Middle 18 miles above Hwy 154	18	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Middle 25 miles below Hwy 271	25	0		
Acute Metals in water	No Concern-Limited Data	Middle 18 miles above Hwy 154	18	7	1	
Acute Metals in water	No Concern-Limited Data	Middle 25 miles below Hwy 271	25	7	0	
Acute Metals in water Aluminum	Fully Supporting	Lower 25 miles of segment	25	15	1	
Chronic Metals in water	Fully Supporting	Lower 25 miles of segment	25	15		
Chronic Metals in water	No Concern-Limited Data	Middle 18 miles above Hwy 154	18	7		
Chronic Metals in water Lead	Use Concern-Limited Data	Middle 25 miles below Hwy 271	25	7		0.885
Chronic Toxicity tests in water	Use Concern-Limited Data	Lower 25 miles of segment	25	5	1	
Chronic Toxicity tests in water	Not Assessed	Middle 18 miles above Hwy 154	18	2		
Chronic Toxicity tests in water	Not Assessed	Middle 25 miles below Hwy 271	25	2		
Overall Aquatic Life Use	Fully Supporting	Lower 25 miles of segment	25			
Overall Aquatic Life Use	Partially Supporting	Middle 18 miles above Hwy 154	18			

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

Freshwater Stream | Cypress Creek Basin | Total size: 93 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Aquatic Life Use (continued)						
Overall Aquatic Life Use	Fully Supporting	Middle 25 miles below Hwy 271	25			
Overall Aquatic Life Use	Not Assessed	Upper 25 miles - remainder	25			
Contact Recreation Use						
E. coli single sample	Not Assessed	Lower 25 miles of segment	25	1		
E. coli single sample	Not Assessed	Middle 18 miles above Hwy 154	18	0		
E. coli single sample	Not Assessed	Middle 25 miles below Hwy 271	25	0		
E. coli geometric mean	Not Assessed	Lower 25 miles of segment	25	1		
E. coli geometric mean	Not Assessed	Middle 18 miles above Hwy 154	18	0		
E. coli geometric mean	Not Assessed	Middle 25 miles below Hwy 271	25	0		
Fecal coliform single sample	Fully Supporting	Lower 25 miles of segment	25	21	1	
Fecal coliform single sample	Fully Supporting	Middle 18 miles above Hwy 154	18	13	0	
Fecal coliform single sample	Fully Supporting	Middle 25 miles below Hwy 271	25	13	1	
Fecal coliform geometric mean	Fully Supporting	Lower 25 miles of segment	25	21		81
Fecal coliform geometric mean	Fully Supporting	Middle 18 miles above Hwy 154	18	13		91
Fecal coliform geometric mean	Fully Supporting	Middle 25 miles below Hwy 271	25	13		143
Overall Recreation Use	Fully Supporting	Lower 25 miles of segment	25			
Overall Recreation Use	Fully Supporting	Middle 18 miles above Hwy 154	18			
Overall Recreation Use	Fully Supporting	Middle 25 miles below Hwy 271	25			
Overall Recreation Use	Not Assessed	Upper 25 miles - remainder	25			
General Use						
Water Temperature	Fully Supporting	Lower 25 miles of segment	25	32	0	
Water Temperature	Fully Supporting	Middle 18 miles above Hwy 154	18	15	0	
Water Temperature	Fully Supporting	Middle 25 miles below Hwy 271	25	14	0	

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

Freshwater Stream | Cypress Creek Basin | Total size: 93 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
General Use (continued)						
pH	Fully Supporting	Lower 25 miles of segment	25	33	0	
pH	Fully Supporting	Middle 18 miles above Hwy 154	18	16	0	
pH	Fully Supporting	Middle 25 miles below Hwy 271	25	15	0	
Chloride	Fully Supporting	Lower 25 miles of segment	25	57		17.1
Chloride	Fully Supporting	Middle 18 miles above Hwy 154	18	57		17.1
Chloride	Fully Supporting	Middle 25 miles below Hwy 271	25	57		17.1
Chloride	Fully Supporting	Upper 25 miles - remainder	25	57		17.1
Sulfate	Fully Supporting	Lower 25 miles of segment	25	57		12.3
Sulfate	Fully Supporting	Middle 18 miles above Hwy 154	18	57		12.3
Sulfate	Fully Supporting	Middle 25 miles below Hwy 271	25	57		12.3
Sulfate	Fully Supporting	Upper 25 miles - remainder	25	57		12.3
Total Dissolved Solids	Fully Supporting	Lower 25 miles of segment	25	77		114.3
Total Dissolved Solids	Fully Supporting	Middle 18 miles above Hwy 154	18	77		114.3
Total Dissolved Solids	Fully Supporting	Middle 25 miles below Hwy 271	25	77		114.3
Total Dissolved Solids	Fully Supporting	Upper 25 miles - remainder	25	77		114.3
Overall General Use	Fully Supporting	Lower 25 miles of segment	25			
Overall General Use	Fully Supporting	Middle 18 miles above Hwy 154	18			
Overall General Use	Fully Supporting	Middle 25 miles below Hwy 271	25			
Overall General Use	Fully Supporting	Upper 25 miles - remainder	25			
Fish Consumption Use						
Human Health Criteria	Fully Supporting	Lower 25 miles of segment	25	23		
Human Health Criteria	No Concern-Limited Data	Middle 18 miles above Hwy 154	18	7		
Human Health Criteria	No Concern-Limited Data	Middle 25 miles below Hwy 271	25	7		

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

Freshwater Stream | Cypress Creek Basin | Total size: 93 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Fish Consumption Use (continued)						
Overall Fish Consumption Use	Fully Supporting	Lower 25 miles of segment	25			
Overall Fish Consumption Use	Not Assessed	Middle 18 miles above Hwy 154	18			
Overall Fish Consumption Use	Not Assessed	Middle 25 miles below Hwy 271	25			
Overall Fish Consumption Use	Not Assessed	Upper 25 miles - remainder	25			
Public Water Supply Use						
Surface Water: Long-term average	Fully Supporting	Lower 25 miles of segment	25	23		
Surface Water: Long-term average	No Concern-Limited Data	Middle 18 miles above Hwy 154	18	7		
Surface Water: Long-term average	No Concern-Limited Data	Middle 25 miles below Hwy 271	25	7		
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower 25 miles of segment	25	31		0.173
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	Middle 18 miles above Hwy 154	18	9		0.229
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	Middle 25 miles below Hwy 271	25	9		0.364
Surface Water: Running average	Fully Supporting	Lower 25 miles of segment	25	23		
Surface Water: Running average	No Concern-Limited Data	Middle 18 miles above Hwy 154	18	7		
Surface Water: Running average	No Concern-Limited Data	Middle 25 miles below Hwy 271	25	7		
Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower 25 miles of segment	25	31		
Surface Water: Running average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	Middle 18 miles above Hwy 154	18	9		
Surface Water: Running average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	Middle 25 miles below Hwy 271	25	9		
Overall Public Water Supply Use	Fully Supporting	Lower 25 miles of segment	25			
Overall Public Water Supply Use	Fully Supporting	Middle 18 miles above Hwy 154	18			
Overall Public Water Supply Use	Fully Supporting	Middle 25 miles below Hwy 271	25			
Overall Public Water Supply Use	Fully Supporting	Upper 25 miles - remainder	25			

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

Freshwater Stream | Cypress Creek Basin | Total size: 93 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Overall Use Support						
	Fully Supporting	Lower 25 miles of segment	25			
	Partially Supporting	Middle 18 miles above Hwy 154	18			
	Fully Supporting	Middle 25 miles below Hwy 271	25			
	Fully Supporting	Upper 25 miles - remainder	25			
Nutrient Enrichment Concern						
Ammonia Nitrogen	No Concern	Lower 25 miles of segment	25	31	0	
Ammonia Nitrogen	Not Assessed	Middle 18 miles above Hwy 154	18	9	0	
Ammonia Nitrogen	Not Assessed	Middle 25 miles below Hwy 271	25	9	0	
Nitrite + Nitrate Nitrogen	No Concern	Lower 25 miles of segment	25	31	0	
Nitrite + Nitrate Nitrogen	Not Assessed	Middle 18 miles above Hwy 154	18	9	0	
Nitrite + Nitrate Nitrogen	Not Assessed	Middle 25 miles below Hwy 271	25	9	0	
Orthophosphorus	No Concern	Lower 25 miles of segment	25	29	0	
Orthophosphorus	Not Assessed	Middle 18 miles above Hwy 154	18	9	0	
Orthophosphorus	Not Assessed	Middle 25 miles below Hwy 271	25	9	0	
Total Phosphorus	No Concern	Lower 25 miles of segment	25	27	1	
Total Phosphorus	Not Assessed	Middle 18 miles above Hwy 154	18	9	0	
Total Phosphorus	Not Assessed	Middle 25 miles below Hwy 271	25	9	0	
Overall Nutrient Enrichment Concerns	No Concern	Lower 25 miles of segment	25			
Overall Nutrient Enrichment Concerns	Not Assessed	Middle 18 miles above Hwy 154	18			
Overall Nutrient Enrichment Concerns	Not Assessed	Middle 25 miles below Hwy 271	25			
Overall Nutrient Enrichment Concerns	Not Assessed	Upper 25 miles - remainder	25			
Algal Growth Concern						
Chlorophyll a	No Concern	Lower 25 miles of segment	25	26	1	

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

Freshwater Stream | Cypress Creek Basin | Total size: 93 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Algal Growth Concern (continued)						
Chlorophyll a	Not Assessed	Middle 18 miles above Hwy 154	18	9	0	
Chlorophyll a	Not Assessed	Middle 25 miles below Hwy 271	25	9	0	
Chlorophyll a	Not Assessed	Upper 25 miles - remainder	25			
Sediment Contaminants Concern						
Metals in sediment	Not Assessed	Lower 25 miles of segment	25	1		
Metals in sediment	Not Assessed	Middle 18 miles above Hwy 154	18	2		
Metals in sediment	Not Assessed	Middle 25 miles below Hwy 271	25	2		
Overall Sediment Contaminant Concerns	Not Assessed	Lower 25 miles of segment	25			
Overall Sediment Contaminant Concerns	Not Assessed	Middle 18 miles above Hwy 154	18			
Overall Sediment Contaminant Concerns	Not Assessed	Middle 25 miles below Hwy 271	25			
Overall Sediment Contaminant Concerns	Not Assessed	Upper 25 miles - remainder	25			
Fish Tissue Contaminants Concern						
Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 25 miles of segment	25			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Middle 18 miles above Hwy 154	18			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Middle 25 miles below Hwy 271	25			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper 25 miles - remainder	25			
Public Water Supply Concern						
Finished Water: Chloride	No Concern	Lower 25 miles of segment	25			

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

Freshwater Stream | Cypress Creek Basin | Total size: 93 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Concern (continued)						
Finished Water: Chloride	No Concern	Middle 18 miles above Hwy 154	18			
Finished Water: Chloride	No Concern	Middle 25 miles below Hwy 271	25			
Finished Water: Chloride	No Concern	Upper 25 miles - remainder	25			
Finished Water: Sulfate	No Concern	Lower 25 miles of segment	25			
Finished Water: Sulfate	No Concern	Middle 18 miles above Hwy 154	18			
Finished Water: Sulfate	No Concern	Middle 25 miles below Hwy 271	25			
Finished Water: Sulfate	No Concern	Upper 25 miles - remainder	25			
Finished Water: Total Dissolved Solids	No Concern	Lower 25 miles of segment	25			
Finished Water: Total Dissolved Solids	No Concern	Middle 18 miles above Hwy 154	18			
Finished Water: Total Dissolved Solids	No Concern	Middle 25 miles below Hwy 271	25			
Finished Water: Total Dissolved Solids	No Concern	Upper 25 miles - remainder	25			
Finished Water: MTBE	No Concern	Lower 25 miles of segment	25			
Finished Water: MTBE	No Concern	Middle 18 miles above Hwy 154	18			
Finished Water: MTBE	No Concern	Middle 25 miles below Hwy 271	25			
Finished Water: MTBE	No Concern	Upper 25 miles - remainder	25			
Finished Water: Perchlorate	Not Assessed	Lower 25 miles of segment	25			
Finished Water: Perchlorate	Not Assessed	Middle 18 miles above Hwy 154	18			
Finished Water: Perchlorate	Not Assessed	Middle 25 miles below Hwy 271	25			
Finished Water: Perchlorate	Not Assessed	Upper 25 miles - remainder	25			
Finished Water: Overall	No Concern	Lower 25 miles of segment	25			
Finished Water: Overall	No Concern	Middle 18 miles above Hwy 154	18			
Finished Water: Overall	No Concern	Middle 25 miles below Hwy 271	25			
Finished Water: Overall	No Concern	Upper 25 miles - remainder	25			

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

Freshwater Stream | Cypress Creek Basin | Total size: 93 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Concern (continued)						
Surface Water: Chloride	No Concern	Lower 25 miles of segment	25	57		17.1
Surface Water: Chloride	No Concern	Middle 18 miles above Hwy 154	18	57		17.1
Surface Water: Chloride	No Concern	Middle 25 miles below Hwy 271	25	57		17.1
Surface Water: Chloride	No Concern	Upper 25 miles - remainder	25	57		17.1
Surface Water: Sulfate	No Concern	Lower 25 miles of segment	25	57		12.3
Surface Water: Sulfate	No Concern	Middle 18 miles above Hwy 154	18	57		12.3
Surface Water: Sulfate	No Concern	Middle 25 miles below Hwy 271	25	57		12.3
Surface Water: Sulfate	No Concern	Upper 25 miles - remainder	25	57		12.3
Surface Water: Total Dissolved Solids	No Concern	Lower 25 miles of segment	25	77		114.3
Surface Water: Total Dissolved Solids	No Concern	Middle 18 miles above Hwy 154	18	77		114.3
Surface Water: Total Dissolved Solids	No Concern	Middle 25 miles below Hwy 271	25	77		114.3
Surface Water: Total Dissolved Solids	No Concern	Upper 25 miles - remainder	25	77		114.3
Surface Water: Overall	No Concern	Lower 25 miles of segment	25			
Surface Water: Overall	No Concern	Middle 18 miles above Hwy 154	18			
Surface Water: Overall	No Concern	Middle 25 miles below Hwy 271	25			
Surface Water: Overall	No Concern	Upper 25 miles - remainder	25			
Overall Public Water Supply Concerns	No Concern	Lower 25 miles of segment	25			
Overall Public Water Supply Concerns	No Concern	Middle 18 miles above Hwy 154	18			
Overall Public Water Supply Concerns	No Concern	Middle 25 miles below Hwy 271	25			
Overall Public Water Supply Concerns	No Concern	Upper 25 miles - remainder	25			
Narrative Criteria Concern						
Overall Narrative Criteria Concerns	No Concern	Lower 25 miles of segment	25			
Overall Narrative Criteria Concerns	No Concern	Middle 18 miles above Hwy 154	18			
Overall Narrative Criteria Concerns	No Concern	Middle 25 miles below Hwy 271	25			

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Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Narrative Criteria Concern (continued)						
Overall Narrative Criteria Concerns	No Concern	Upper 25 miles - remainder	25			
Overall Secondary Concern						
	No Concern	Lower 25 miles of segment	25			
	No Concern	Middle 18 miles above Hwy 154	18			
	No Concern	Middle 25 miles below Hwy 271	25			
	No Concern	Upper 25 miles - remainder	25			