Segment ID: 0404 **Water body name:** Big Cypress Creek Below Lake Bob Sandlin

Freshwater Stream | Cypress Creek Basin | Total size: 33 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Aquatic Life Use						
Dissolved Oxygen grab average	No Concern	Lower 15 miles	15	27	2	
Dissolved Oxygen grab average	No Concern	Upper 18 miles	18	32	0	
Dissolved Oxygen grab minimum	Fully Supporting	Lower 15 miles	15	27	1	
Dissolved Oxygen grab minimum	Fully Supporting	Upper 18 miles	18	32	0	
Dissolved Oxygen 24hr average	No Concern-Limited Data	Lower 15 miles	15	4	0	
Dissolved Oxygen 24hr average	Use Concern-Limited Data	Upper 18 miles	18	8	1	
Dissolved Oxygen 24hr minimum	Use Concern-Limited Data	Lower 15 miles	15	4	1	
Dissolved Oxygen 24hr minimum	Use Concern-Limited Data	Upper 18 miles	18	8	1	
Acute Metals in water	Fully Supporting	Lower 15 miles	15	14		
Acute Metals in water	Fully Supporting	Upper 18 miles	18	13	0	
Chronic Metals in water	Fully Supporting	Lower 15 miles	15	14		
Chronic Metals in water	Fully Supporting	Upper 18 miles	18	13		
Chronic Toxicity tests in water	No Concern-Limited Data	Upper 18 miles	18	4	0	
Chronic Toxicity tests in sediment	Use Concern-Limited Data	Upper 18 miles	18	6	2	
Macrobenthos Community	No Concern-Limited Data	Upper 18 miles	18	1	0	29
Fish Community	No Concern-Limited Data	Upper 18 miles	18	1	0	45
Overall Aquatic Life Use	Fully Supporting	Lower 15 miles	15			
Overall Aquatic Life Use	Fully Supporting	Upper 18 miles	18			
Contact Recreation Use						
E. coli single sample	Not Assessed	Lower 15 miles	15	1	0	
E. coli single sample	Use Concern-Limited Data	Upper 18 miles	18	4	2	

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Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Contact Recreation Use (continued)						
E. coli geometric mean	Not Assessed	Lower 15 miles	15	1		3
E. coli geometric mean	Use Concern-Limited Data	Upper 18 miles	18	4		304
Fecal coliform single sample	Fully Supporting	Lower 15 miles	15	24	1	
Fecal coliform single sample	Not Supporting	Upper 18 miles	18	20	7	
Fecal coliform geometric mean	Fully Supporting	Lower 15 miles	15	24		57
Fecal coliform geometric mean	Not Supporting	Upper 18 miles	18	20		264
Overall Recreation Use	Fully Supporting	Lower 15 miles	15			
Overall Recreation Use	Not Supporting	Upper 18 miles	18			
General Use						
Water Temperature	Fully Supporting	Lower 15 miles	15	27	1	
Water Temperature	Fully Supporting	Upper 18 miles	18	35	0	
pH	Fully Supporting	Lower 15 miles	15	27	0	
pH	Fully Supporting	Upper 18 miles	18	33	0	
Chloride	Fully Supporting	Lower 15 miles	15	46		39.3
Chloride	Fully Supporting	Upper 18 miles	18	46		39.3
Sulfate	Fully Supporting	Lower 15 miles	15	46		72.4
Sulfate	Fully Supporting	Upper 18 miles	18	46		72.4
Total Dissolved Solids	Fully Supporting	Lower 15 miles	15	71		364
Total Dissolved Solids	Fully Supporting	Upper 18 miles	18	71		364
Overall General Use	Fully Supporting	Lower 15 miles	15			
Overall General Use	Fully Supporting	Upper 18 miles	18			

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Freshwater Stream | Cypress Creek Basin | Total size: 33 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Fish Consumption Use						
Human Health Criteria	Fully Supporting	Lower 15 miles	15	14		
Human Health Criteria	Fully Supporting	Upper 18 miles	18	13		
Overall Fish Consumption Use	Fully Supporting	Lower 15 miles	15			
Overall Fish Consumption Use	Fully Supporting	Upper 18 miles	18			
Overall Use Support						
	Fully Supporting	Lower 15 miles	15			
	Not Supporting	Upper 18 miles	18			
Nutrient Enrichment Concern						
Ammonia Nitrogen	No Concern	Lower 15 miles	15	20	0	
Ammonia Nitrogen	No Concern	Upper 18 miles	18	23	1	
Nitrite + Nitrate Nitrogen	No Concern	Lower 15 miles	15	21	4	
Nitrite + Nitrate Nitrogen	Concern	Upper 18 miles	18	22	15	
Orthophosphorus	No Concern	Lower 15 miles	15	21	4	
Orthophosphorus	Concern	Upper 18 miles	18	20	12	
Total Phosphorus	No Concern	Lower 15 miles	15	20	1	
Total Phosphorus	Concern	Upper 18 miles	18	15	10	
Overall Nutrient Enrichment Concerns	No Concern	Lower 15 miles	15			
Overall Nutrient Enrichment Concerns	Concern	Upper 18 miles	18			
Algal Growth Concern						
Chlorophyll a	No Concern	Lower 15 miles	15	21	3	
Chlorophyll a	No Concern	Upper 18 miles	18	15	0	

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Freshwater Stream | Cypress Creek Basin | Total size: 33 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Sediment Contaminants Concern						
Metals in sediment	Not Assessed	Lower 15 miles	15	4		
Metals in sediment	Not Assessed	Upper 18 miles	18	5		
Overall Sediment Contaminant Concerns	Not Assessed	Lower 15 miles	15			
Overall Sediment Contaminant Concerns	Not Assessed	Upper 18 miles	18			
Fish Tissue Contaminants Concern						
Metals in fish tissue	Not Assessed	Lower 15 miles	15	1		
Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 15 miles	15			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper 18 miles	18			
Narrative Criteria Concern						
Overall Narrative Criteria Concerns	No Concern	Lower 15 miles	15			
Overall Narrative Criteria Concerns	No Concern	Upper 18 miles	18			
Overall Secondary Concern						
	No Concern	Lower 15 miles	15			
	Concern	Upper 18 miles	18			