Segment ID: 0402 **Water body name:** Big Cypress Creek Below Lake O' the Pines

Freshwater Stream | Cypress Creek Basin | Total size: 42 Miles

Aquatic Life Use

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Dissolved Oxygen grab average	Use Concern	11 miles below Black Cypress Creek	11	14	3	
Dissolved Oxygen grab average	Use Concern	Lower 9 miles	9	36	7	
Dissolved Oxygen grab average	No Concern	Middle 15 miles near Jefferson	15	13	1	
Dissolved Oxygen grab average	No Concern	Upper 7 miles	7	31	1	
Dissolved Oxygen grab minimum	Use Concern	11 miles below Black Cypress Creek	11	14	2	
Dissolved Oxygen grab minimum	Fully Supporting	Lower 9 miles	9	36	0	
Dissolved Oxygen grab minimum	Fully Supporting	Middle 15 miles near Jefferson	15	13	0	
Dissolved Oxygen grab minimum	Fully Supporting	Upper 7 miles	7	31	0	
Dissolved Oxygen 24hr average	Not Assessed	11 miles below Black Cypress Creek	11	2		
Dissolved Oxygen 24hr average	Not Assessed	Lower 9 miles	9	0		
Dissolved Oxygen 24hr average	Not Assessed	Middle 15 miles near Jefferson	15	0		
Dissolved Oxygen 24hr average	Not Assessed	Upper 7 miles	7	0		
Dissolved Oxygen 24hr minimum	Not Assessed	11 miles below Black Cypress Creek	11	2		
Dissolved Oxygen 24hr minimum	Not Assessed	Lower 9 miles	9	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Middle 15 miles near Jefferson	15	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Upper 7 miles	7	0		
Acute Metals in water	Fully Supporting	11 miles below Black Cypress Creek	11	11		
Acute Metals in water	Not Assessed	Lower 9 miles	9	2	0	
Acute Metals in water	Fully Supporting	Middle 15 miles near Jefferson	15	10		
Acute Metals in water	No Concern-Limited Data	Upper 7 miles	7	7	0	
Chronic Metals in water	Fully Supporting	11 miles below Black Cypress Creek	11	11		
Chronic Metals in water	Not Assessed	Lower 9 miles	9	2		
Chronic Metals in water	Fully Supporting	Middle 15 miles near Jefferson	15	10		
Chronic Metals in water Lead	Use Concern-Limited Data	Upper 7 miles	7	7		0.39

Segment ID: 0402 **Water body name:** Big Cypress Creek Below Lake O' the Pines

Freshwater Stream | Cypress Creek Basin | Total size: 42 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	11 miles below Black Cypress Creek	11			
Overall Aquatic Life Use	Fully Supporting	Lower 9 miles	9			
Overall Aquatic Life Use	Fully Supporting	Middle 15 miles near Jefferson	15			
Overall Aquatic Life Use	Fully Supporting	Upper 7 miles	7			
Contact Recreation Use						
E. coli single sample	Not Assessed	11 miles below Black Cypress Creek	11	0		
E. coli single sample	Not Assessed	Lower 9 miles	9	0		
E. coli single sample	Not Assessed	Middle 15 miles near Jefferson	15	0		
E. coli single sample	Not Assessed	Upper 7 miles	7	0		
E. coli geometric mean	Not Assessed	11 miles below Black Cypress Creek	11	0		
E. coli geometric mean	Not Assessed	Lower 9 miles	9	0		
E. coli geometric mean	Not Assessed	Middle 15 miles near Jefferson	15	0		
E. coli geometric mean	Not Assessed	Upper 7 miles	7	0		
Fecal coliform single sample	No Concern-Limited Data	11 miles below Black Cypress Creek	11	6	1	
Fecal coliform single sample	No Concern-Limited Data	Lower 9 miles	9	7	0	
Fecal coliform single sample	No Concern-Limited Data	Middle 15 miles near Jefferson	15	8	1	
Fecal coliform single sample	Not Assessed	Upper 7 miles	7	1	0	
Fecal coliform geometric mean	No Concern-Limited Data	11 miles below Black Cypress Creek	11	6		59
Fecal coliform geometric mean	No Concern-Limited Data	Lower 9 miles	9	7		33
Fecal coliform geometric mean	No Concern-Limited Data	Middle 15 miles near Jefferson	15	8		56
Fecal coliform geometric mean	Not Assessed	Upper 7 miles	7	1		5
Overall Recreation Use	Not Assessed	11 miles below Black Cypress Creek	11			
Overall Recreation Use	Not Assessed	Lower 9 miles	9			
Overall Recreation Use	Not Assessed	Middle 15 miles near Jefferson	15			

Segment ID: 0402 **Water body name:** Big Cypress Creek Below Lake O' the Pines

Freshwater Stream | Cypress Creek Basin | Total size: 42 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Contact Recreation Use (continued)						
Overall Recreation Use	Not Assessed	Upper 7 miles	7			
General Use						
Water Temperature	Fully Supporting	11 miles below Black Cypress Creek	11	14	0	
Water Temperature	Fully Supporting	Lower 9 miles	9	36	0	
Water Temperature	Fully Supporting	Middle 15 miles near Jefferson	15	13	0	
Water Temperature	Fully Supporting	Upper 7 miles	7	31	0	
pH	Partially Supporting	11 miles below Black Cypress Creek	11	14	5	
pH	Use Concern	Lower 9 miles	9	12	2	
pH	Fully Supporting	Middle 15 miles near Jefferson	15	13	0	
pH	No Concern-Limited Data	Upper 7 miles	7	8	0	
Chloride	Fully Supporting	11 miles below Black Cypress Creek	11	42		12.5
Chloride	Fully Supporting	Lower 9 miles	9	42		12.5
Chloride	Fully Supporting	Middle 15 miles near Jefferson	15	42		12.5
Chloride	Fully Supporting	Upper 7 miles	7	42		12.5
Sulfate	Fully Supporting	11 miles below Black Cypress Creek	11	42		18.8
Sulfate	Fully Supporting	Lower 9 miles	9	42		18.8
Sulfate	Fully Supporting	Middle 15 miles near Jefferson	15	42		18.8
Sulfate	Fully Supporting	Upper 7 miles	7	42		18.8
Total Dissolved Solids	Fully Supporting	11 miles below Black Cypress Creek	11	94		79.3
Total Dissolved Solids	Fully Supporting	Lower 9 miles	9	94		79.3
Total Dissolved Solids	Fully Supporting	Middle 15 miles near Jefferson	15	94		79.3
Total Dissolved Solids	Fully Supporting	Upper 7 miles	7	94		79.3
Overall General Use	Partially Supporting	11 miles below Black Cypress Creek	11			

Segment ID: 0402 **Water body name:** Big Cypress Creek Below Lake O' the Pines

Freshwater Stream | Cypress Creek Basin | Total size: 42 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
General Use (continued)						
Overall General Use	Fully Supporting	Lower 9 miles	9			
Overall General Use	Fully Supporting	Middle 15 miles near Jefferson	15			
Overall General Use	Fully Supporting	Upper 7 miles	7			
Fish Consumption Use						
Advisories and Closures Restricted-Consumption	Partially Supporting	11 miles below Black Cypress Creek	11			
Advisories and Closures Restricted-Consumption	Partially Supporting	Lower 9 miles	9			
Advisories and Closures Restricted-Consumption	Partially Supporting	Middle 15 miles near Jefferson	15			
Advisories and Closures Restricted-Consumption	Partially Supporting	Upper 7 miles	7			
Human Health Criteria	Fully Supporting	11 miles below Black Cypress Creek	11	11		
Human Health Criteria	Not Assessed	Lower 9 miles	9	2		
Human Health Criteria	Fully Supporting	Middle 15 miles near Jefferson	15	10		
Human Health Criteria	No Concern-Limited Data	Upper 7 miles	7	7		
Overall Fish Consumption Use	Partially Supporting	11 miles below Black Cypress Creek	11			
Overall Fish Consumption Use	Partially Supporting	Lower 9 miles	9			
Overall Fish Consumption Use	Partially Supporting	Middle 15 miles near Jefferson	15			
Overall Fish Consumption Use	Partially Supporting	Upper 7 miles	7			
Public Water Supply Use						
Finished Water: Running Avg	Fully Supporting	Upper 7 miles	7			
Surface Water: Long-term average	Fully Supporting	11 miles below Black Cypress Creek	11	11		
Surface Water: Long-term average	No Concern-Limited Data	Lower 9 miles	9	2		
Surface Water: Long-term average	Fully Supporting	Middle 15 miles near Jefferson	15	10		

Segment ID: 0402 **Water body name:** Big Cypress Creek Below Lake O' the Pines

Freshwater Stream | Cypress Creek Basin | Total size: 42 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Use (continued)						
Surface Water: Long-term average	No Concern-Limited Data	Upper 7 miles	7	7		
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	11 miles below Black Cypress Creek	11	12		0.11
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower 9 miles	9	10		0.125
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Middle 15 miles near Jefferson	15	14		0.16
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	Upper 7 miles	7	7		0.04
Surface Water: Running average	Fully Supporting	11 miles below Black Cypress Creek	11	11	0	
Surface Water: Running average	No Concern-Limited Data	Lower 9 miles	9	2	0	
Surface Water: Running average	Fully Supporting	Middle 15 miles near Jefferson	15	10	0	
Surface Water: Running average	No Concern-Limited Data	Upper 7 miles	7	7	0	
Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	11 miles below Black Cypress Creek	11	12	0	
Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower 9 miles	9	10	0	
Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Middle 15 miles near Jefferson	15	14	0	
Surface Water: Running average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	Upper 7 miles	7	7	0	
Overall Public Water Supply Use	Fully Supporting	11 miles below Black Cypress Creek	11			
Overall Public Water Supply Use	Fully Supporting	Lower 9 miles	9			
Overall Public Water Supply Use	Fully Supporting	Middle 15 miles near Jefferson	15			
Overall Public Water Supply Use	Fully Supporting	Upper 7 miles	7			
Overall Use Support						
	Partially Supporting	11 miles below Black Cypress Creek	11			

Segment ID: 0402 **Water body name:** Big Cypress Creek Below Lake O' the Pines

Freshwater Stream | Cypress Creek Basin | Total size: 42 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Overall Use Support (continued)						
	Partially Supporting	Lower 9 miles	9			
	Partially Supporting	Middle 15 miles near Jefferson	15			
	Partially Supporting	Upper 7 miles	7			
Nutrient Enrichment Concern						
Ammonia Nitrogen	No Concern	11 miles below Black Cypress Creek	11	12	1	
Ammonia Nitrogen	No Concern	Lower 9 miles	9	11	1	
Ammonia Nitrogen	No Concern	Middle 15 miles near Jefferson	15	15	0	
Ammonia Nitrogen	Not Assessed	Upper 7 miles	7	7	0	
Nitrite + Nitrate Nitrogen	No Concern	11 miles below Black Cypress Creek	11	12	0	
Nitrite + Nitrate Nitrogen	No Concern	Lower 9 miles	9	10	0	
Nitrite + Nitrate Nitrogen	No Concern	Middle 15 miles near Jefferson	15	14	0	
Nitrite + Nitrate Nitrogen	Not Assessed	Upper 7 miles	7	7	0	
Orthophosphorus	No Concern	11 miles below Black Cypress Creek	11	12	0	
Orthophosphorus	Not Assessed	Lower 9 miles	9	9	0	
Orthophosphorus	No Concern	Middle 15 miles near Jefferson	15	14	0	
Orthophosphorus	Not Assessed	Upper 7 miles	7	6	0	
Total Phosphorus	No Concern	11 miles below Black Cypress Creek	11	12	0	
Total Phosphorus	No Concern	Lower 9 miles	9	11	0	
Total Phosphorus	No Concern	Middle 15 miles near Jefferson	15	15	0	
Total Phosphorus	Not Assessed	Upper 7 miles	7	1	0	
Overall Nutrient Enrichment Concerns	No Concern	11 miles below Black Cypress Creek	11			
Overall Nutrient Enrichment Concerns	No Concern	Lower 9 miles	9			
Overall Nutrient Enrichment Concerns	No Concern	Middle 15 miles near Jefferson	15			
Overall Nutrient Enrichment Concerns	Not Assessed	Upper 7 miles	7			

Segment ID: 0402 **Water body name:** Big Cypress Creek Below Lake O' the Pines

Freshwater Stream | Cypress Creek Basin | Total size: 42 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Algal Growth Concern						
Chlorophyll a	Concern	11 miles below Black Cypress Creek	11	12	4	
Chlorophyll a	No Concern	Lower 9 miles	9	10	1	
Chlorophyll a	No Concern	Middle 15 miles near Jefferson	15	15	0	
Chlorophyll a	Not Assessed	Upper 7 miles	7	0		
Sediment Contaminants Concern						
Metals in sediment	Not Assessed	11 miles below Black Cypress Creek	11	4		
Metals in sediment	Not Assessed	Lower 9 miles	9	1		
Overall Sediment Contaminant Concerns	Not Assessed	11 miles below Black Cypress Creek	11			
Overall Sediment Contaminant Concerns	Not Assessed	Lower 9 miles	9			
Overall Sediment Contaminant Concerns	Not Assessed	Middle 15 miles near Jefferson	15			
Overall Sediment Contaminant Concerns	Not Assessed	Upper 7 miles	7			
Fish Tissue Contaminants Concern						
Overall Fish Tissue Contaminant Concerns	Not Assessed	11 miles below Black Cypress Creek	11			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 9 miles	9			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Middle 15 miles near Jefferson	15			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper 7 miles	7			
Public Water Supply Concern						
Finished Water: Chloride	No Concern	11 miles below Black Cypress Creek	11			

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Freshwater Stream | Cypress Creek Basin | Total size: 42 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	Lower 9 miles	9			
Finished Water: Chloride	No Concern	Middle 15 miles near Jefferson	15			
Finished Water: Chloride	No Concern	Upper 7 miles	7			
Finished Water: Sulfate	No Concern	11 miles below Black Cypress Creek	11			
Finished Water: Sulfate	No Concern	Lower 9 miles	9			
Finished Water: Sulfate	No Concern	Middle 15 miles near Jefferson	15			
Finished Water: Sulfate	No Concern	Upper 7 miles	7			
Finished Water: Total Dissolved Solids	No Concern	11 miles below Black Cypress Creek	11			
Finished Water: Total Dissolved Solids	No Concern	Lower 9 miles	9			
Finished Water: Total Dissolved Solids	No Concern	Middle 15 miles near Jefferson	15			
Finished Water: Total Dissolved Solids	No Concern	Upper 7 miles	7			
Finished Water: MTBE	No Concern	11 miles below Black Cypress Creek	11			
Finished Water: MTBE	No Concern	Lower 9 miles	9			
Finished Water: MTBE	No Concern	Middle 15 miles near Jefferson	15			
Finished Water: MTBE	No Concern	Upper 7 miles	7			
Finished Water: Perchlorate	Not Assessed	11 miles below Black Cypress Creek	11			
Finished Water: Perchlorate	Not Assessed	Lower 9 miles	9			
Finished Water: Perchlorate	Not Assessed	Middle 15 miles near Jefferson	15			
Finished Water: Perchlorate	Not Assessed	Upper 7 miles	7			
Finished Water: Overall	No Concern	11 miles below Black Cypress Creek	11			
Finished Water: Overall	No Concern	Lower 9 miles	9			
Finished Water: Overall	No Concern	Middle 15 miles near Jefferson	15			
Finished Water: Overall	No Concern	Upper 7 miles	7			

Segment ID: 0402 **Water body name:** Big Cypress Creek Below Lake O' the Pines

Freshwater Stream | Cypress Creek Basin | Total size: 42 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	11 miles below Black Cypress Creek	11	42		12.5
Surface Water: Chloride	No Concern	Lower 9 miles	9	42		12.5
Surface Water: Chloride	No Concern	Middle 15 miles near Jefferson	15	42		12.5
Surface Water: Chloride	No Concern	Upper 7 miles	7	42		12.5
Surface Water: Sulfate	No Concern	11 miles below Black Cypress Creek	11	42		18.8
Surface Water: Sulfate	No Concern	Lower 9 miles	9	42		18.8
Surface Water: Sulfate	No Concern	Middle 15 miles near Jefferson	15	42		18.8
Surface Water: Sulfate	No Concern	Upper 7 miles	7	42		18.8
Surface Water: Total Dissolved Solids	No Concern	11 miles below Black Cypress Creek	11	94		79.3
Surface Water: Total Dissolved Solids	No Concern	Lower 9 miles	9	94		79.3
Surface Water: Total Dissolved Solids	No Concern	Middle 15 miles near Jefferson	15	94		79.3
Surface Water: Total Dissolved Solids	No Concern	Upper 7 miles	7	94		79.3
Surface Water: Overall	No Concern	11 miles below Black Cypress Creek	11			
Surface Water: Overall	No Concern	Lower 9 miles	9			
Surface Water: Overall	No Concern	Middle 15 miles near Jefferson	15			
Surface Water: Overall	No Concern	Upper 7 miles	7			
Overall Public Water Supply Concerns	No Concern	11 miles below Black Cypress Creek	11			
Overall Public Water Supply Concerns	No Concern	Lower 9 miles	9			
Overall Public Water Supply Concerns	No Concern	Middle 15 miles near Jefferson	15			
Overall Public Water Supply Concerns	No Concern	Upper 7 miles	7			
Narrative Criteria Concern						
Overall Narrative Criteria Concerns	No Concern	11 miles below Black Cypress Creek	11			
Overall Narrative Criteria Concerns	No Concern	Lower 9 miles	9			
Overall Narrative Criteria Concerns	No Concern	Upper 7 miles	7			

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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	Middle 15 miles near Jefferson	15			
Overall Secondary Concern						
	Concern	11 miles below Black Cypress Creek	11			
	No Concern	Lower 9 miles	9			
	No Concern	Middle 15 miles near Jefferson	15			
	No Concern	Upper 7 miles	7			