Segment ID: 0402A **Water body name:** Black Cypress Bayou (unclassified water body)

Freshwater Stream | Cypress Creek Basin | Total size: 56 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 of water body	15	11	1	
Dissolved Oxygen grab average	Use Concern	Middle 1 mile, Pruitt Lake	1	11	5	
Dissolved Oxygen grab average	Not Assessed	Middle 13 miles near FM 250	13	6	2	
Dissolved Oxygen grab average	Not Assessed	Middle 17 miles near CR 1617	17	6	1	
Dissolved Oxygen grab average	Not Assessed	Upper 10 miles of water body	10	7	2	
Dissolved Oxygen grab minimum	Fully Supporting	Lower 15 miles of water body	15	11	0	
Dissolved Oxygen grab minimum	Partially Supporting	Middle 1 mile, Pruitt Lake	1	11	4	
Dissolved Oxygen grab minimum	Not Assess-Not Represent	Middle 13 miles near FM 250	13	6	2	
Dissolved Oxygen grab minimum	Not Assess-Not Represent	Middle 17 miles near CR 1617	17	6	0	
Dissolved Oxygen grab minimum	Use Concern-Limited Data	Upper 10 miles of water body	10	7	2	
Dissolved Oxygen 24hr average	Not Assessed	Lower 15 miles of water body	15	3	2	
Dissolved Oxygen 24hr average	Not Assessed	Middle 1 mile, Pruitt Lake	1	0		
Dissolved Oxygen 24hr average	Not Assessed	Middle 13 miles near FM 250	13	2	1	
Dissolved Oxygen 24hr average	Not Assessed	Middle 17 miles near CR 1617	17	3	2	
Dissolved Oxygen 24hr average	Not Assessed	Upper 10 miles of water body	10	3	2	
Dissolved Oxygen 24hr minimum	Not Assessed	Lower 15 miles of water body	15	3	1	
Dissolved Oxygen 24hr minimum	Not Assessed	Middle 1 mile, Pruitt Lake	1	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Middle 13 miles near FM 250	13	2	1	
Dissolved Oxygen 24hr minimum	Not Assessed	Middle 17 miles near CR 1617	17	3	1	
Dissolved Oxygen 24hr minimum	Not Assessed	Upper 10 miles of water body	10	3	2	
Acute Metals in water	Fully Supporting	Lower 15 miles of water body	15	12	0	
Acute Metals in water	Fully Supporting	Middle 1 mile, Pruitt Lake	1	23		
Acute Metals in water	Not Assessed	Middle 13 miles near FM 250	13	1		
Acute Metals in water	Not Assessed	Middle 17 miles near CR 1617	17	1		

Segment ID: 0402A **Water body name:** Black Cypress Bayou (unclassified water body)

Freshwater Stream | Cypress Creek Basin | Total size: 56 Miles

Aquatic Life Use (continued)

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Acute Metals in water	Not Assessed	Upper 10 miles of water body	10	2		
Acute Metals in water Cadmium	Use Concern-Limited Data	Middle 1 mile, Pruitt Lake	1	4	1	
Acute Metals in water Copper	Use Concern-Limited Data	Middle 1 mile, Pruitt Lake	1	4	1	
Chronic Metals in water	Fully Supporting	Middle 1 mile, Pruitt Lake	1	23		
Chronic Metals in water	Not Assessed	Middle 13 miles near FM 250	13	1		
Chronic Metals in water	Not Assessed	Middle 17 miles near CR 1617	17	1		
Chronic Metals in water	Not Assessed	Upper 10 miles of water body	10	2		
Chronic Metals in water Cadmium	Use Concern-Limited Data	Middle 1 mile, Pruitt Lake	1	4		1.36
Chronic Metals in water Copper	Use Concern-Limited Data	Middle 1 mile, Pruitt Lake	1	4		2.6
Chronic Metals in water Lead	Use Concern-Limited Data	Lower 15 miles of water body	15	5		1.22
Macrobenthos Community	No Concern-Limited Data	Lower 15 miles of water body	15	1	0	27.5
Macrobenthos Community	No Concern-Limited Data	Middle 13 miles near FM 250	13	1	0	23.5
Macrobenthos Community	No Concern-Limited Data	Middle 17 miles near CR 1617	17	1	0	28
Macrobenthos Community	No Concern-Limited Data	Upper 10 miles of water body	10	1	0	25.5
Fish Community	No Concern-Limited Data	Lower 15 miles of water body	15	1	0	49.5
Fish Community	No Concern-Limited Data	Middle 13 miles near FM 250	13	1	0	54
Fish Community	No Concern-Limited Data	Middle 17 miles near CR 1617	17	1	0	49.5
Fish Community	No Concern-Limited Data	Upper 10 miles of water body	10	1	0	47
Overall Aquatic Life Use	Fully Supporting	Lower 15 miles of water body	15			
Overall Aquatic Life Use	Partially Supporting	Middle 1 mile, Pruitt Lake	1			
Overall Aquatic Life Use	Not Assessed	Middle 13 miles near FM 250	13			
Overall Aquatic Life Use	Not Assessed	Middle 17 miles near CR 1617	17			
Overall Aquatic Life Use	Not Assessed	Upper 10 miles of water body	10			

Segment ID: 0402A **Water body name:** Black Cypress Bayou (unclassified water body)

Freshwater Stream | Cypress Creek Basin | Total size: 56 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Contact Recreation Use						
E. coli single sample	Not Assessed	Lower 15 miles of water body	15	0		
E. coli single sample	Not Assessed	Middle 1 mile, Pruitt Lake	1	0		
E. coli single sample	Not Assessed	Middle 13 miles near FM 250	13	0		
E. coli single sample	Not Assessed	Middle 17 miles near CR 1617	17	0		
E. coli single sample	Not Assessed	Upper 10 miles of water body	10	0		
E. coli geometric mean	Not Assessed	Lower 15 miles of water body	15	0		
E. coli geometric mean	Not Assessed	Middle 1 mile, Pruitt Lake	1	0		
E. coli geometric mean	Not Assessed	Middle 13 miles near FM 250	13	0		
E. coli geometric mean	Not Assessed	Middle 17 miles near CR 1617	17	0		
E. coli geometric mean	Not Assessed	Upper 10 miles of water body	10	0		
Fecal coliform single sample	No Concern-Limited Data	Lower 15 miles of water body	15	8	1	
Fecal coliform single sample	No Concern-Limited Data	Middle 1 mile, Pruitt Lake	1	4	0	
Fecal coliform single sample	Not Assess-Not Represent	Middle 13 miles near FM 250	13	5	1	
Fecal coliform single sample	Not Assess-Not Represent	Middle 17 miles near CR 1617	17	5	0	
Fecal coliform single sample	No Concern-Limited Data	Upper 10 miles of water body	10	5	1	
Fecal coliform geometric mean	No Concern-Limited Data	Lower 15 miles of water body	15	8		80
Fecal coliform geometric mean	No Concern-Limited Data	Middle 1 mile, Pruitt Lake	1	4		70
Fecal coliform geometric mean	Not Assess-Not Represent	Middle 13 miles near FM 250	13	5		141
Fecal coliform geometric mean	Not Assess-Not Represent	Middle 17 miles near CR 1617	17	5		90
Fecal coliform geometric mean	No Concern-Limited Data	Upper 10 miles of water body	10	5		141
Overall Recreation Use	Not Assessed	Lower 15 miles of water body	15			
Overall Recreation Use	Not Assessed	Middle 1 mile, Pruitt Lake	1			
Overall Recreation Use	Not Assessed	Middle 13 miles near FM 250	13			
Overall Recreation Use	Not Assessed	Middle 17 miles near CR 1617	17			

Segment ID: 0402A **Water body name:** Black Cypress Bayou (unclassified water body)

Freshwater Stream | Cypress Creek Basin | Total size: 56 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 10 miles of water body	10			
Fish Consumption Use						
Advisories and Closures Restricted-Consumption	Partially Supporting	Middle 1 mile, Pruitt Lake	1			
Human Health Criteria	No Concern-Limited Data	Lower 15 miles of water body	15	5		
Human Health Criteria	Fully Supporting	Middle 1 mile, Pruitt Lake	1	23		
Human Health Criteria	Not Assessed	Middle 13 miles near FM 250	13	1		
Human Health Criteria	Not Assessed	Middle 17 miles near CR 1617	17	1		
Human Health Criteria	Not Assessed	Upper 10 miles of water body	10	2		
Overall Fish Consumption Use	Not Assessed	Lower 15 miles of water body	15			
Overall Fish Consumption Use	Partially Supporting	Middle 1 mile, Pruitt Lake	1			
Overall Fish Consumption Use	Not Assessed	Middle 13 miles near FM 250	13			
Overall Fish Consumption Use	Not Assessed	Middle 17 miles near CR 1617	17			
Overall Fish Consumption Use	Not Assessed	Upper 10 miles of water body	10			
Overall Use Support						
	Fully Supporting	Lower 15 miles of water body	15			
	Partially Supporting	Middle 1 mile, Pruitt Lake	1			
	Not Assessed	Middle 13 miles near FM 250	13			
	Not Assessed	Middle 17 miles near CR 1617	17			
	Not Assessed	Upper 10 miles of water body	10			
Nutrient Enrichment Concern						
Ammonia Nitrogen	No Concern	Lower 15 miles of water body	15	13	0	
Ammonia Nitrogen	No Concern	Middle 1 mile, Pruitt Lake	1	13	0	
Ammonia Nitrogen	Not Assessed	Middle 13 miles near FM 250	13	6	0	

Segment ID: 0402A **Water body name:** Black Cypress Bayou (unclassified water body)

Freshwater Stream | Cypress Creek Basin | Total size: 56 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Nutrient Enrichment Concern (continued)						
Ammonia Nitrogen	Not Assessed	Middle 17 miles near CR 1617	17	6	0	
Ammonia Nitrogen	Not Assessed	Upper 10 miles of water body	10	5	0	
Nitrite + Nitrate Nitrogen	No Concern	Lower 15 miles of water body	15	13	0	
Nitrite + Nitrate Nitrogen	No Concern	Middle 1 mile, Pruitt Lake	1	13	0	
Nitrite + Nitrate Nitrogen	Not Assessed	Middle 13 miles near FM 250	13	6	0	
Nitrite + Nitrate Nitrogen	Not Assessed	Middle 17 miles near CR 1617	17	6	0	
Nitrite + Nitrate Nitrogen	Not Assessed	Upper 10 miles of water body	10	5	0	
Orthophosphorus	No Concern	Lower 15 miles of water body	15	13	0	
Orthophosphorus	No Concern	Middle 1 mile, Pruitt Lake	1	13	0	
Orthophosphorus	Not Assessed	Middle 13 miles near FM 250	13	6	0	
Orthophosphorus	Not Assessed	Middle 17 miles near CR 1617	17	6	0	
Orthophosphorus	Not Assessed	Upper 10 miles of water body	10	4	0	
Total Phosphorus	No Concern	Lower 15 miles of water body	15	13	0	
Total Phosphorus	No Concern	Middle 1 mile, Pruitt Lake	1	13	0	
Total Phosphorus	Not Assessed	Middle 13 miles near FM 250	13	6	0	
Total Phosphorus	Not Assessed	Middle 17 miles near CR 1617	17	6	0	
Total Phosphorus	Not Assessed	Upper 10 miles of water body	10	5	0	
Overall Nutrient Enrichment Concerns	No Concern	Lower 15 miles of water body	15			
Overall Nutrient Enrichment Concerns	No Concern	Middle 1 mile, Pruitt Lake	1			
Overall Nutrient Enrichment Concerns	Not Assessed	Middle 13 miles near FM 250	13			
Overall Nutrient Enrichment Concerns	Not Assessed	Middle 17 miles near CR 1617	17			
Overall Nutrient Enrichment Concerns	Not Assessed	Upper 10 miles of water body	10			
Algal Growth Concern						
Chlorophyll a	No Concern	Lower 15 miles of water body	15	13	0	

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Freshwater Stream | Cypress Creek Basin | Total size: 56 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Algal Growth Concern (continued)						
Chlorophyll a	No Concern	Middle 1 mile, Pruitt Lake	1	13	0	
Chlorophyll a	Not Assessed	Middle 13 miles near FM 250	13	6	0	
Chlorophyll a	Not Assessed	Middle 17 miles near CR 1617	17	6	0	
Chlorophyll a	Not Assessed	Upper 10 miles of water body	10	4	0	
Sediment Contaminants Concern						
85% Metals in sediment Barium	Not Assessed	Middle 1 mile, Pruitt Lake	1	7	7	
85% Metals in sediment Chromium	Not Assessed	Middle 1 mile, Pruitt Lake	1	7	3	
85% Metals in sediment Lead	Not Assessed	Middle 1 mile, Pruitt Lake	1	7	5	
85% Metals in sediment Manganese	Not Assessed	Middle 1 mile, Pruitt Lake	1	7	7	
85% Metals in sediment Mercury	Not Assessed	Middle 1 mile, Pruitt Lake	1	7	6	
85% Metals in sediment Nickel	Not Assessed	Middle 1 mile, Pruitt Lake	1	7	6	
85% Metals in sediment Selenium	Not Assessed	Middle 1 mile, Pruitt Lake	1	7	3	
85% Metals in sediment Zinc	Not Assessed	Middle 1 mile, Pruitt Lake	1	6	6	
Metals in sediment	Not Assessed	Lower 15 miles of water body	15	1		
Organics in sediment	Not Assessed	Middle 1 mile, Pruitt Lake	1	1		
Overall Sediment Contaminant Concerns	Not Assessed	Lower 15 miles of water body	15			
Overall Sediment Contaminant Concerns	Not Assessed	Middle 1 mile, Pruitt Lake	1			
Overall Sediment Contaminant Concerns	Not Assessed	Middle 13 miles near FM 250	13			
Overall Sediment Contaminant Concerns	Not Assessed	Middle 17 miles near CR 1617	17			
Overall Sediment Contaminant Concerns	Not Assessed	Upper 10 miles of water body	10			

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Freshwater Stream | Cypress Creek Basin | Total size: 56 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Fish Tissue Contaminants Concern						
Metals in fish tissue Mercury	Concern	Middle 1 mile, Pruitt Lake	1	39	26	
Organics in fish tissue	Not Assessed	Middle 1 mile, Pruitt Lake	1	4		
Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 15 miles of water body	15			
Overall Fish Tissue Contaminant Concerns	Concern	Middle 1 mile, Pruitt Lake	1			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Middle 13 miles near FM 250	13			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Middle 17 miles near CR 1617	17			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper 10 miles of water body	10			
Narrative Criteria Concern						
Metals in sediment	Concern	Middle 1 mile, Pruitt Lake	1			
Overall Narrative Criteria Concerns	No Concern	Lower 15 miles of water body	15			
Overall Narrative Criteria Concerns	Concern	Middle 1 mile, Pruitt Lake	1			
Overall Narrative Criteria Concerns	No Concern	Middle 13 miles near FM 250	13			
Overall Narrative Criteria Concerns	No Concern	Middle 17 miles near CR 1617	17			
Overall Narrative Criteria Concerns	No Concern	Upper 10 miles of water body	10			
Overall Secondary Concern						
	No Concern	Lower 15 miles of water body	15			
	Concern	Middle 1 mile, Pruitt Lake	1			
	No Concern	Middle 13 miles near FM 250	13			
	No Concern	Middle 17 miles near CR 1617	17			
	No Concern	Upper 10 miles of water body	10			