

Segment ID: 0608B **Water body name: Big Sandy Creek (unclassified water body)**

Freshwater Stream

Neches River Basin

Total size:

46.9 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	No Concern	Lower 30 miles downstream of US 190	30	40	0	
2002	Dissolved Oxygen grab average	No Concern	Upper 16.9 miles of segment	16.9	13	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Lower 30 miles downstream of US 190	30	40	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Upper 16.9 miles of segment	16.9	13	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Lower 30 miles downstream of US 190	30	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Upper 16.9 miles of segment	16.9	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Lower 30 miles downstream of US 190	30	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Upper 16.9 miles of segment	16.9	0		
2004	Acute Metals in water Cadmium	No Concern-Limited Data	Lower 30 miles downstream of US 190	30	6	0	
2004	Acute Metals in water Cadmium	Not Assessed	Upper 16.9 miles of segment	16.9	0		
2004	Acute Metals in water Copper	Use Concern-Limited Data	Lower 30 miles downstream of US 190	30	7	1	
2004	Acute Metals in water Copper	Not Assessed	Upper 16.9 miles of segment	16.9	0		
2004	Chronic Metals in water Cadmium	Use Concern-Limited Data	Lower 30 miles downstream of US 190	30	6		0.62
2004	Chronic Metals in water Cadmium	Not Assessed	Upper 16.9 miles of segment	16.9	0		
2004	Chronic Metals in water Copper	No Concern-Limited Data	Lower 30 miles downstream of US 190	30	6		0.19
2004	Chronic Metals in water Copper	Not Assessed	Upper 16.9 miles of segment	16.9	0		
2004	Overall Aquatic Life Use	Fully Supporting	Lower 30 miles downstream of US 190	30			
2004	Overall Aquatic Life Use	Fully Supporting	Upper 16.9 miles of segment	16.9			

Contact Recreation Use

2002	E. coli single sample	Not Assessed	Lower 30 miles downstream of US 190	30	0		
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Contact Recreation Use (continued)

2002	E. coli single sample	Not Assessed	Upper 16.9 miles of segment	16.9	0		
2002	E. coli geometric mean	Not Assessed	Lower 30 miles downstream of US 190	30	0		
2002	E. coli geometric mean	Not Assessed	Upper 16.9 miles of segment	16.9	0		
2002	Fecal coliform single sample	Use Concern	Lower 30 miles downstream of US 190	30	38	11	
2002	Fecal coliform single sample	Use Concern	Upper 16.9 miles of segment	16.9	13	4	
2002	Fecal coliform geometric mean	Not Supporting	Lower 30 miles downstream of US 190	30	38		298
2002	Fecal coliform geometric mean	Not Supporting	Upper 16.9 miles of segment	16.9	13		218
2002	Overall Recreation Use	Not Supporting	Lower 30 miles downstream of US 190	30			
2002	Overall Recreation Use	Not Supporting	Upper 16.9 miles of segment	16.9			

Fish Consumption Use

2002	Human Health Criteria	Not Assessed	Lower 30 miles downstream of US 190	30	4		
2002	Overall Fish Consumption Use	Not Assessed	Lower 30 miles downstream of US 190	30			
2002	Overall Fish Consumption Use	Not Assessed	Upper 16.9 miles of segment	16.9			

Overall Use Support

2004		Not Supporting	Lower 30 miles downstream of US 190	30			
2004		Not Supporting	Upper 16.9 miles of segment	16.9			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	Lower 30 miles downstream of US 190	30	25	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Lower 30 miles downstream of US 190	30	25	0	
2002	Orthophosphorus	Not Assessed	Lower 30 miles downstream of US 190	30	7	0	

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Nutrient Enrichment Concern (continued)

2002	Total Phosphorus	Not Assessed	Lower 30 miles downstream of US 190	30	7	0	
2002	Overall Nutrient Enrichment Concerns	No Concern	Lower 30 miles downstream of US 190	30			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Upper 16.9 miles of segment	16.9			

Algal Growth Concern

2002	Chlorophyll a	Not Assessed	Lower 30 miles downstream of US 190	30	0		
2002	Chlorophyll a	Not Assessed	Upper 16.9 miles of segment	16.9			

Sediment Contaminants Concern

2002	Overall Sediment Contaminant Concerns	Not Assessed	Lower 30 miles downstream of US 190	30			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upper 16.9 miles of segment	16.9			

Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 30 miles downstream of US 190	30			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper 16.9 miles of segment	16.9			

Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	Lower 30 miles downstream of US 190	30			
2002	Overall Narrative Criteria Concerns	No Concern	Upper 16.9 miles of segment	16.9			

Overall Secondary Concern

2002		No Concern	Lower 30 miles downstream of US 190	30			
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Overall Secondary Concern (continued)

2002		No Concern	Upper 16.9 miles of segment	16.9			
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