Segment ID: 0702A **Water body name:** Alligator Bayou (unclassified water body)

Freshwater Stream Neches-Trinity Coastal Basin Total size: 3.75 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Aquatic Life Use							
2002	Dissolved Oxygen grab average	No Concern	Entire water body	3.75	12	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Entire water body	3.75	12	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Entire water body	3.75	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Entire water body	3.75	0		
2002	Acute Metals in water	No Concern-Limited Data	Entire water body	3.75	8	0	
2002	Chronic Metals in water	No Concern-Limited Data	Entire water body	3.75	8		
2002	Acute Organics in water	Not Assessed	Entire water body	3.75	2	0	
2002	Chronic Organics in water	Not Assessed	Entire water body	3.75	2		
2002	Chronic Toxicity tests in water	Use Concern-Limited Data	Entire water body	3.75	5	1	
2002	Chronic Toxicity tests in sediment	Not Assessed	Entire water body	3.75	3	2	
2002	Habitat	Use Concern-Limited Data	Entire water body	3.75	1	1	13
2002	Fish Community	Not Supporting	Entire water body	3.75	2	1	35
2002	Overall Aquatic Life Use	Not Supporting	Entire water body	3.75			
Contact Recreation Use							
2002	E. coli single sample	Not Assessed	Entire water body	3.75	0		
2002	E. coli geometric mean	Not Assessed	Entire water body	3.75	0		

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Freshwater Stream Neches-Trinity Coastal Basin Total size: 3.75 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Contact Recreation Use (continued)							
2002	Fecal coliform single sample	Fully Supporting	Entire water body	3.75	11	1	
2002	Fecal coliform geometric mean	Fully Supporting	Entire water body	3.75	11		64
2002	Overall Recreation Use	Fully Supporting	Entire water body	3.75			
Fish Consumption Use							
2002	Human Health Criteria Metals	No Concern-Limited Data	Entire water body	3.75	8		
2002	Human Health Criteria Organics	Not Assessed	Entire water body	3.75	2		
2002	Overall Fish Consumption Use	Not Assessed	Entire water body	3.75			
Overall Use Support							
2002		Not Supporting	Entire water body	3.75			
Nutrient Enrichment Concern							
2002	Ammonia Nitrogen	No Concern	Entire water body	3.75	12	1	
2002	Nitrite + Nitrate Nitrogen	No Concern	Entire water body	3.75	12	1	
2002	Orthophosphorus	No Concern	Entire water body	3.75	12	2	
2002	Total Phosphorus	No Concern	Entire water body	3.75	12	0	
2002	Overall Nutrient Enrichment Concerns	No Concern	Entire water body	3.75			
Algal Growth Concern							
2002	Chlorophyll a	Concern	Entire water body	3.75	12	8	

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Freshwater Stream Neches-Trinity Coastal Basin Total size: 3.75 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Sediment Contaminants Concern							
2002	PEL Metals in sediment Lead	Not Assessed	Entire water body	3.75	4	4	
2002	85% Metals in sediment Chromium	Not Assessed	Entire water body	3.75	4	4	
2002	85% Metals in sediment Copper	Not Assessed	Entire water body	3.75	4	4	
2002	85% Metals in sediment Lead	Not Assessed	Entire water body	3.75	4	4	
2002	85% Metals in sediment Mercury	Not Assessed	Entire water body	3.75	3	3	
2002	85% Metals in sediment Zinc	Not Assessed	Entire water body	3.75	4	4	
2002	PEL Organics in sediment Anthracene	Not Assessed	Entire water body	3.75	3	2	
2002	PEL Organics in sediment Chrysene	Not Assessed	Entire water body	3.75	3	2	
2002	PEL Organics in sediment Phenanthrene	Not Assessed	Entire water body	3.75	3	2	
2002	PEL Organics in sediment Pyrene	Not Assessed	Entire water body	3.75	3	2	
2002	85% Organics in sediment Anthracene	Not Assessed	Entire water body	3.75	3	2	
2002	85% Organics in sediment Chrysene	Not Assessed	Entire water body	3.75	3	2	
2002	85% Organics in sediment Phenanthrene	Not Assessed	Entire water body	3.75	3	2	
2002	85% Organics in sediment Pyrene	Not Assessed	Entire water body	3.75	3	2	
2002	Overall Sediment Contaminant Concerns	Not Assessed	Entire water body	3.75			
Fish Tissue Contaminants Concern							
2002	Metals in fish tissue	Not Assessed	Entire water body	3.75	8		
2002	Organics in fish tissue Chlordane	Not Assessed	Entire water body	3.75	8	2	

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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Fish Tissue Contaminants Concern (continued)							
2002	Organics in fish tissue Organics	Not Assessed	Entire water body	3.75	8	0	
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Entire water body	3.75			
Narrative Criteria Concern							
2002	Organics in fish tissue	Concern	Entire water body	3.75			
2002	Metals in sediment	Concern	Entire water body	3.75			
2002	Organics in sediment	Concern	Entire water body	3.75			
2002	Chronic Toxicity tests in sediment	Concern	Entire water body	3.75			
2002	Overall Narrative Criteria Concerns	Concern	Entire water body	3.75			
Overall Secondary Concern							
2002		Concern	Entire water body	3.75			