

Segment ID: 0702 **Water body name: Intracoastal Waterway Tidal**

Estuary

Neches-Trinity Coastal Basin Total size:

5.2 Sq. 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	1.5 sq miles in eastern end of segment	1.5	24	0	
2002	Dissolved Oxygen grab average	No Concern	Taylor Bayou tidal	1.2	40	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	1.5 sq miles in eastern end of segment	1.5	24	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Taylor Bayou tidal	1.2	40	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	1.5 sq miles in eastern end of segment	1.5	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Taylor Bayou tidal	1.2	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	1.5 sq miles in eastern end of segment	1.5	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Taylor Bayou tidal	1.2	0		
2002	Acute Metals in water	Not Assessed	Taylor Bayou tidal	1.2	1		
2002	Chronic Metals in water	Not Assessed	Taylor Bayou tidal	1.2	1		
2002	Acute Organics in water	Not Assessed	1.5 sq miles in eastern end of segment	1.5	1		
2002	Chronic Organics in water	Not Assessed	1.5 sq miles in eastern end of segment	1.5	1		
2002	Overall Aquatic Life Use	Fully Supporting	1.5 sq miles in eastern end of segment	1.5			
2002	Overall Aquatic Life Use	Not Assessed	Remainder of segment	2.5			
2002	Overall Aquatic Life Use	Fully Supporting	Taylor Bayou tidal	1.2			

Contact Recreation Use

2002	Enterococci single sample	Not Assessed	1.5 sq miles in eastern end of segment	1.5	0		
2002	Enterococci single sample	Not Assessed	Taylor Bayou tidal	1.2	0		
2002	Enterococci geometric mean	Not Assessed	1.5 sq miles in eastern end of segment	1.5	0		
2002	Enterococci geometric mean	Not Assessed	Taylor Bayou tidal	1.2	0		
2002	Fecal coliform single sample	Fully Supporting	1.5 sq miles in eastern end of segment	1.5	22	0	

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Contact Recreation Use (continued)

2002	Fecal coliform single sample	Fully Supporting	Taylor Bayou tidal	1.2	36	0	
2002	Fecal coliform geometric mean	Fully Supporting	1.5 sq miles in eastern end of segment	1.5	22		9
2002	Fecal coliform geometric mean	Fully Supporting	Taylor Bayou tidal	1.2	36		12.4
2002	Overall Recreation Use	Fully Supporting	1.5 sq miles in eastern end of segment	1.5			
2002	Overall Recreation Use	Not Assessed	Remainder of segment	2.5			
2002	Overall Recreation Use	Fully Supporting	Taylor Bayou tidal	1.2			

General Use

2002	Water Temperature	Fully Supporting	1.5 sq miles in eastern end of segment	1.5	24	0	
2002	Water Temperature	Fully Supporting	Taylor Bayou tidal	1.2	40	0	
2002	pH	Fully Supporting	1.5 sq miles in eastern end of segment	1.5	24	0	
2002	pH	Fully Supporting	Taylor Bayou tidal	1.2	40	0	
2002	Overall General Use	Fully Supporting	1.5 sq miles in eastern end of segment	1.5			
2002	Overall General Use	Not Assessed	Remainder of segment	2.5			
2002	Overall General Use	Fully Supporting	Taylor Bayou tidal	1.2			

Fish Consumption Use

2002	Human Health Criteria Metals	Not Assessed	Taylor Bayou tidal	1.2	1		
2002	Overall Fish Consumption Use	Not Assessed	1.5 sq miles in eastern end of segment	1.5			
2002	Overall Fish Consumption Use	Not Assessed	Remainder of segment	2.5			
2002	Overall Fish Consumption Use	Not Assessed	Taylor Bayou tidal	1.2			

Overall Use Support

2002		Fully Supporting	1.5 sq miles in eastern end of segment	1.5			
2002		Not Assessed	Remainder of segment	2.5			

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Overall Use Support (continued)

2002		Fully Supporting	Taylor Bayou tidal	1.2			
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Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	1.5 sq miles in eastern end of segment	1.5	21	3	
2002	Ammonia Nitrogen	No Concern	Taylor Bayou tidal	1.2	37	5	
2002	Nitrite + Nitrate Nitrogen	No Concern	1.5 sq miles in eastern end of segment	1.5	22	3	
2002	Nitrite + Nitrate Nitrogen	No Concern	Taylor Bayou tidal	1.2	37	4	
2002	Orthophosphorus	No Concern	1.5 sq miles in eastern end of segment	1.5	21	0	
2002	Orthophosphorus	No Concern	Taylor Bayou tidal	1.2	34	2	
2002	Total Phosphorus	No Concern	1.5 sq miles in eastern end of segment	1.5	20	0	
2002	Total Phosphorus	No Concern	Taylor Bayou tidal	1.2	36	2	
2002	Overall Nutrient Enrichment Concerns	No Concern	1.5 sq miles in eastern end of segment	1.5			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Remainder of segment	2.5			
2002	Overall Nutrient Enrichment Concerns	No Concern	Taylor Bayou tidal	1.2			

Algal Growth Concern

2002	Chlorophyll a	No Concern	1.5 sq miles in eastern end of segment	1.5	22	1	
2002	Chlorophyll a	Not Assessed	Remainder of segment	2.5			
2002	Chlorophyll a	No Concern	Taylor Bayou tidal	1.2	37	7	

Sediment Contaminants Concern

2002	85% Metals in sediment Arsenic	Not Assessed	Taylor Bayou tidal	1.2	5	3	
2002	85% Metals in sediment Lead	Not Assessed	Taylor Bayou tidal	1.2	5	5	

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Sediment Contaminants Concern (continued)

2002	Metals in sediment	Not Assessed	1.5 sq miles in eastern end of segment	1.5	3		
2002	Metals in sediment	Not Assessed	Remainder of segment	2.5	3		
2002	Organics in sediment	Not Assessed	1.5 sq miles in eastern end of segment	1.5	3		
2002	Organics in sediment	Not Assessed	Remainder of segment	2.5	3		
2002	Organics in sediment	Not Assessed	Taylor Bayou tidal	1.2	5	0	
2002	Overall Sediment Contaminant Concerns	Not Assessed	1.5 sq miles in eastern end of segment	1.5			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Remainder of segment	2.5			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Taylor Bayou tidal	1.2			

Fish Tissue Contaminants Concern

2002	Metals in fish tissue	Not Assessed	Taylor Bayou tidal	1.2	3	0	
2002	Organics in fish tissue	Not Assessed	Taylor Bayou tidal	1.2	3	0	
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	1.5 sq miles in eastern end of segment	1.5			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Remainder of segment	2.5			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Taylor Bayou tidal	1.2			

Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	1.5 sq miles in eastern end of segment	1.5			
2002	Overall Narrative Criteria Concerns	No Concern	Remainder of segment	2.5			

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Narrative Criteria Concern (continued)

2002	Overall Narrative Criteria Concerns	No Concern	Taylor Bayou tidal	1.2			
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Overall Secondary Concern

2002		No Concern	1.5 sq miles in eastern end of segment	1.5			
2002		No Concern	Remainder of segment	2.5			
2002		No Concern	Taylor Bayou tidal	1.2			