

**Segment ID: 0610A Water body name: Ayish Bayou (unclassified water body)**

Freshwater Stream

Neches River Basin

Total size:

32

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 portion downstream of US 96	18.5	18	0	
2002	Dissolved Oxygen grab average	Not Assessed	Middle portion from US 96 to SH 21	5	9	0	
2002	Dissolved Oxygen grab average	Not Assessed	Upper portion from SH 21 to headwaters	8.5	6	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Lower portion downstream of US 96	18.5	18	0	
2002	Dissolved Oxygen grab minimum	Not Assess-Not Represent	Middle portion from US 96 to SH 21	5	9	0	
2002	Dissolved Oxygen grab minimum	Not Assess-Not Represent	Upper portion from SH 21 to headwaters	8.5	6	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Lower portion downstream of US 96	18.5	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Middle portion from US 96 to SH 21	5	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Upper portion from SH 21 to headwaters	8.5	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Lower portion downstream of US 96	18.5	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Middle portion from US 96 to SH 21	5	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Upper portion from SH 21 to headwaters	8.5	0		
2002	Acute Metals in water	Not Assessed	Lower portion downstream of US 96	18.5	1	0	
2002	Acute Metals in water	Not Assessed	Middle portion from US 96 to SH 21	5	1		
2002	Acute Metals in water	Not Assessed	Upper portion from SH 21 to headwaters	8.5	1		
2002	Chronic Metals in water	Not Assessed	Lower portion downstream of US 96	18.5	1		
2002	Chronic Metals in water	Not Assessed	Middle portion from US 96 to SH 21	5	1		
2002	Chronic Metals in water	Not Assessed	Upper portion from SH 21 to headwaters	8.5	1		
2002	Overall Aquatic Life Use	Fully Supporting	Lower portion downstream of US 96	18.5			
2002	Overall Aquatic Life Use	Not Assessed	Middle portion from US 96 to SH 21	5			
2002	Overall Aquatic Life Use	Not Assessed	Upper portion from SH 21 to headwaters	8.5			

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**Contact Recreation Use**

2004	E. coli single sample	Fully Supporting	Lower portion downstream of US 96	18.5	10	1	
2004	E. coli single sample	Not Assessed	Middle portion from US 96 to SH 21	5	0		
2004	E. coli single sample	Not Assessed	Upper portion from SH 21 to headwaters	8.5	0		
2004	E. coli geometric mean	Not Supporting	Lower portion downstream of US 96	18.5	10		133
2004	E. coli geometric mean	Not Assessed	Middle portion from US 96 to SH 21	5	0		
2004	E. coli geometric mean	Not Assessed	Upper portion from SH 21 to headwaters	8.5	0		
2004	Fecal coliform single sample	Fully Supporting	Lower portion downstream of US 96	18.5	19	2	
2004	Fecal coliform single sample	Not Assessed	Middle portion from US 96 to SH 21	5	0		
2004	Fecal coliform single sample	Not Assessed	Upper portion from SH 21 to headwaters	8.5	0		
2004	Fecal coliform geometric mean	Fully Supporting	Lower portion downstream of US 96	18.5	19		92
2004	Fecal coliform geometric mean	Not Assessed	Middle portion from US 96 to SH 21	5	0		
2004	Fecal coliform geometric mean	Not Assessed	Upper portion from SH 21 to headwaters	8.5	0		
2004	Overall Recreation Use	Not Supporting	Lower portion downstream of US 96	18.5			
2004	Overall Recreation Use	Not Assessed	Middle portion from US 96 to SH 21	5			
2004	Overall Recreation Use	Not Assessed	Upper portion from SH 21 to headwaters	8.5			

**Fish Consumption Use**

2002	Human Health Criteria	Not Assessed	Lower portion downstream of US 96	18.5	1		
2002	Human Health Criteria	Not Assessed	Middle portion from US 96 to SH 21	5	1		
2002	Human Health Criteria Metals	Not Assessed	Upper portion from SH 21 to headwaters	8.5	1		
2002	Overall Fish Consumption Use	Not Assessed	Lower portion downstream of US 96	18.5			
2002	Overall Fish Consumption Use	Not Assessed	Middle portion from US 96 to SH 21	5			
2002	Overall Fish Consumption Use	Not Assessed	Upper portion from SH 21 to headwaters	8.5			

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**Overall Use Support**

2004		Not Supporting	Lower portion downstream of US 96	18.5			
2004		Not Assessed	Middle portion from US 96 to SH 21	5			
2004		Not Assessed	Upper portion from SH 21 to headwaters	8.5			

**Nutrient Enrichment Concern**

2002	Ammonia Nitrogen	Not Assessed	Lower portion downstream of US 96	18.5	5	2	
2002	Ammonia Nitrogen	Not Assess-Not Represent	Middle portion from US 96 to SH 21	5	5	2	
2002	Ammonia Nitrogen	Not Assess-Not Represent	Upper portion from SH 21 to headwaters	8.5	4	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Lower portion downstream of US 96	18.5	5	0	
2002	Nitrite + Nitrate Nitrogen	Not Assess-Not Represent	Middle portion from US 96 to SH 21	5	5	0	
2002	Nitrite + Nitrate Nitrogen	Not Assess-Not Represent	Upper portion from SH 21 to headwaters	8.5	4	0	
2002	Orthophosphorus	Not Assessed	Lower portion downstream of US 96	18.5	0		
2002	Orthophosphorus	Not Assessed	Middle portion from US 96 to SH 21	5	0		
2002	Orthophosphorus	Not Assessed	Upper portion from SH 21 to headwaters	8.5	0		
2002	Total Phosphorus	Not Assessed	Lower portion downstream of US 96	18.5	0		
2002	Total Phosphorus	Not Assessed	Middle portion from US 96 to SH 21	5	0		
2002	Total Phosphorus	Not Assessed	Upper portion from SH 21 to headwaters	8.5	0		
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Lower portion downstream of US 96	18.5			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Middle portion from US 96 to SH 21	5			

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**Nutrient Enrichment Concern** (continued)

2002	Overall Nutrient Enrichment Concerns	Not Assessed	Upper portion from SH 21 to headwaters	8.5			
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**Algal Growth Concern**

2002	Chlorophyll a	Not Assessed	Lower portion downstream of US 96	18.5	0		
2002	Chlorophyll a	Not Assessed	Middle portion from US 96 to SH 21	5	0		
2002	Chlorophyll a	Not Assessed	Upper portion from SH 21 to headwaters	8.5	0		

**Sediment Contaminants Concern**

2002	Metals in sediment	Not Assessed	Lower portion downstream of US 96	18.5	2		
2002	Metals in sediment	Not Assessed	Middle portion from US 96 to SH 21	5	2		
2002	Overall Sediment Contaminant Concerns	Not Assessed	Lower portion downstream of US 96	18.5			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Middle portion from US 96 to SH 21	5			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upper portion from SH 21 to headwaters	8.5			

**Fish Tissue Contaminants Concern**

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower portion downstream of US 96	18.5			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Middle portion from US 96 to SH 21	5			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper portion from SH 21 to headwaters	8.5			

**Narrative Criteria Concern**

2002	Overall Narrative Criteria Concerns	No Concern	Lower portion downstream of US 96	18.5			
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**Narrative Criteria Concern** (continued)

2002	Overall Narrative Criteria Concerns	No Concern	Middle portion from US 96 to SH 21	5			
2002	Overall Narrative Criteria Concerns	No Concern	Upper portion from SH 21 to headwaters	8.5			

**Overall Secondary Concern**

2002		No Concern	Lower portion downstream of US 96	18.5			
2002		No Concern	Middle portion from US 96 to SH 21	5			
2002		No Concern	Upper portion from SH 21 to headwaters	8.5			