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

Freshwater Stream | Neches River Basin | Total size: 32 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 portion downstream of US 96	18.5	18	0	
Dissolved Oxygen grab average	Not Assessed	Middle portion from US 96 to SH 21	5	9	0	
Dissolved Oxygen grab average	Not Assessed	Upper portion from SH 21 to headwaters	8.5	6	0	
Dissolved Oxygen grab minimum	Fully Supporting	Lower portion downstream of US 96	18.5	18	0	
Dissolved Oxygen grab minimum	Not Assess-Not Represent	Middle portion from US 96 to SH 21	5	9	0	
Dissolved Oxygen grab minimum	Not Assess-Not Represent	Upper portion from SH 21 to headwaters	8.5	6	0	
Dissolved Oxygen 24hr average	Not Assessed	Lower portion downstream of US 96	18.5	0		
Dissolved Oxygen 24hr average	Not Assessed	Middle portion from US 96 to SH 21	5	0		
Dissolved Oxygen 24hr average	Not Assessed	Upper portion from SH 21 to headwaters	8.5	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Lower portion downstream of US 96	18.5	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Middle portion from US 96 to SH 21	5	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Upper portion from SH 21 to headwaters	8.5	0		
Acute Metals in water	Not Assessed	Lower portion downstream of US 96	18.5	1	0	
Acute Metals in water	Not Assessed	Middle portion from US 96 to SH 21	5	1		
Acute Metals in water	Not Assessed	Upper portion from SH 21 to headwaters	8.5	1		
Chronic Metals in water	Not Assessed	Lower portion downstream of US 96	18.5	1		
Chronic Metals in water	Not Assessed	Middle portion from US 96 to SH 21	5	1		
Chronic Metals in water	Not Assessed	Upper portion from SH 21 to headwaters	8.5	1		
Overall Aquatic Life Use	Fully Supporting	Lower portion downstream of US 96	18.5			
Overall Aquatic Life Use	Not Assessed	Middle portion from US 96 to SH 21	5			
Overall Aquatic Life Use	Not Assessed	Upper portion from SH 21 to headwaters	8.5			
Contact Recreation Use						
E. coli single sample	Not Assessed	Lower portion downstream of US 96	18.5	2	1	

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

Freshwater Stream | Neches River Basin | Total size: 32 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Contact Recreation Use (continued)						
E. coli single sample	Not Assessed	Middle portion from US 96 to SH 21	5	0		
E. coli single sample	Not Assessed	Upper portion from SH 21 to headwaters	8.5	0		
E. coli geometric mean	Not Assessed	Lower portion downstream of US 96	18.5	2		188
E. coli geometric mean	Not Assessed	Middle portion from US 96 to SH 21	5	0		
E. coli geometric mean	Not Assessed	Upper portion from SH 21 to headwaters	8.5	0		
Fecal coliform single sample	Fully Supporting	Lower portion downstream of US 96	18.5	21	2	
Fecal coliform single sample	Not Assess-Not Represent	Middle portion from US 96 to SH 21	5	10	4	
Fecal coliform single sample	Not Assess-Not Represent	Upper portion from SH 21 to headwaters	8.5	9	2	
Fecal coliform geometric mean	Fully Supporting	Lower portion downstream of US 96	18.5	21		108
Fecal coliform geometric mean	Not Assess-Not Represent	Middle portion from US 96 to SH 21	5	10		444
Fecal coliform geometric mean	Not Assess-Not Represent	Upper portion from SH 21 to headwaters	8.5	9		238
Overall Recreation Use	Fully Supporting	Lower portion downstream of US 96	18.5			
Overall Recreation Use	Not Assessed	Middle portion from US 96 to SH 21	5			
Overall Recreation Use	Not Assessed	Upper portion from SH 21 to headwaters	8.5			
Fish Consumption Use						
Human Health Criteria	Not Assessed	Lower portion downstream of US 96	18.5	1		
Human Health Criteria	Not Assessed	Middle portion from US 96 to SH 21	5	1		
Human Health Criteria Metals	Not Assessed	Upper portion from SH 21 to headwaters	8.5	1		
Overall Fish Consumption Use	Not Assessed	Lower portion downstream of US 96	18.5			
Overall Fish Consumption Use	Not Assessed	Middle portion from US 96 to SH 21	5			
Overall Fish Consumption Use	Not Assessed	Upper portion from SH 21 to headwaters	8.5			

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

Freshwater Stream | Neches River Basin | Total size: 32 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Overall Use Support						
	Fully Supporting	Lower portion downstream of US 96	18.5			
	Not Assessed	Middle portion from US 96 to SH 21	5			
	Not Assessed	Upper portion from SH 21 to headwaters	8.5			
Nutrient Enrichment Concern						
Ammonia Nitrogen	Not Assessed	Lower portion downstream of US 96	18.5	5	2	
Ammonia Nitrogen	Not Assess-Not Represent	Middle portion from US 96 to SH 21	5	5	2	
Ammonia Nitrogen	Not Assess-Not Represent	Upper portion from SH 21 to headwaters	8.5	4	0	
Nitrite + Nitrate Nitrogen	Not Assessed	Lower portion downstream of US 96	18.5	5	0	
Nitrite + Nitrate Nitrogen	Not Assess-Not Represent	Middle portion from US 96 to SH 21	5	5	0	
Nitrite + Nitrate Nitrogen	Not Assess-Not Represent	Upper portion from SH 21 to headwaters	8.5	4	0	
Orthophosphorus	Not Assessed	Lower portion downstream of US 96	18.5	0		
Orthophosphorus	Not Assessed	Middle portion from US 96 to SH 21	5	0		
Orthophosphorus	Not Assessed	Upper portion from SH 21 to headwaters	8.5	0		
Total Phosphorus	Not Assessed	Lower portion downstream of US 96	18.5	0		
Total Phosphorus	Not Assessed	Middle portion from US 96 to SH 21	5	0		
Total Phosphorus	Not Assessed	Upper portion from SH 21 to headwaters	8.5	0		
Overall Nutrient Enrichment Concerns	Not Assessed	Lower portion downstream of US 96	18.5			
Overall Nutrient Enrichment Concerns	Not Assessed	Middle portion from US 96 to SH 21	5			
Overall Nutrient Enrichment Concerns	Not Assessed	Upper portion from SH 21 to headwaters	8.5			
Algal Growth Concern						
Chlorophyll a	Not Assessed	Lower portion downstream of US 96	18.5	0		
Chlorophyll a	Not Assessed	Middle portion from US 96 to SH 21	5	0		
Chlorophyll a	Not Assessed	Upper portion from SH 21 to headwaters	8.5	0		

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

Freshwater Stream | Neches River Basin | Total size: 32 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Sediment Contaminants Concern						
Metals in sediment	Not Assessed	Lower portion downstream of US 96	18.5	2		
Metals in sediment	Not Assessed	Middle portion from US 96 to SH 21	5	2		
Overall Sediment Contaminant Concerns	Not Assessed	Lower portion downstream of US 96	18.5			
Overall Sediment Contaminant Concerns	Not Assessed	Middle portion from US 96 to SH 21	5			
Overall Sediment Contaminant Concerns	Not Assessed	Upper portion from SH 21 to headwaters	8.5			
Fish Tissue Contaminants Concern						
Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower portion downstream of US 96	18.5			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Middle portion from US 96 to SH 21	5			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper portion from SH 21 to headwaters	8.5			
Narrative Criteria Concern						
Overall Narrative Criteria Concerns	No Concern	Lower portion downstream of US 96	18.5			
Overall Narrative Criteria Concerns	No Concern	Middle portion from US 96 to SH 21	5			
Overall Narrative Criteria Concerns	No Concern	Upper portion from SH 21 to headwaters	8.5			
Overall Secondary Concern						
	No Concern	Lower portion downstream of US 96	18.5			
	No Concern	Middle portion from US 96 to SH 21	5			
	No Concern	Upper portion from SH 21 to headwaters	8.5			