

Segment ID: 0511A Water body name: Cow Bayou Above Tidal (unclassified water body)

Freshwater Stream

Sabine River Basin

Total size:

10.6 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 5.3 miles of above-tidal reach	5.3	21	2	
2002	Dissolved Oxygen grab average	Use Concern	Upper 5.3 miles of above-tidal reach	5.3	18	6	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Lower 5.3 miles of above-tidal reach	5.3	21	0	
2002	Dissolved Oxygen grab minimum	Partially Supporting	Upper 5.3 miles of above-tidal reach	5.3	18	6	
2002	Dissolved Oxygen 24hr average	Not Assessed	Lower 5.3 miles of above-tidal reach	5.3	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Upper 5.3 miles of above-tidal reach	5.3	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Lower 5.3 miles of above-tidal reach	5.3	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Upper 5.3 miles of above-tidal reach	5.3	0		
2002	Overall Aquatic Life Use	Fully Supporting	Lower 5.3 miles of above-tidal reach	5.3			
2002	Overall Aquatic Life Use	Partially Supporting	Upper 5.3 miles of above-tidal reach	5.3			

Contact Recreation Use

2002	E. coli single sample	Not Assessed	Lower 5.3 miles of above-tidal reach	5.3	0		
2002	E. coli single sample	Not Assessed	Upper 5.3 miles of above-tidal reach	5.3	0		
2002	E. coli geometric mean	Not Assessed	Lower 5.3 miles of above-tidal reach	5.3	0		
2002	E. coli geometric mean	Not Assessed	Upper 5.3 miles of above-tidal reach	5.3	0		
2002	Fecal coliform single sample	Use Concern	Lower 5.3 miles of above-tidal reach	5.3	21	6	
2002	Fecal coliform single sample	Fully Supporting	Upper 5.3 miles of above-tidal reach	5.3	20	4	
2002	Fecal coliform geometric mean	Fully Supporting	Lower 5.3 miles of above-tidal reach	5.3	21		183
2002	Fecal coliform geometric mean	Fully Supporting	Upper 5.3 miles of above-tidal reach	5.3	20		174
2002	Overall Recreation Use	Fully Supporting	Lower 5.3 miles of above-tidal reach	5.3			
2002	Overall Recreation Use	Fully Supporting	Upper 5.3 miles of above-tidal reach	5.3			

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Fish Consumption Use

2002	Overall Fish Consumption Use	Not Assessed	Lower 5.3 miles of above-tidal reach	5.3			
2002	Overall Fish Consumption Use	Not Assessed	Upper 5.3 miles of above-tidal reach	5.3			

Overall Use Support

2002		Fully Supporting	Lower 5.3 miles of above-tidal reach	5.3			
2002		Partially Supporting	Upper 5.3 miles of above-tidal reach	5.3			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	Not Assessed	Lower 5.3 miles of above-tidal reach	5.3	2	1	
2002	Ammonia Nitrogen	Not Assessed	Upper 5.3 miles of above-tidal reach	5.3	2	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Lower 5.3 miles of above-tidal reach	5.3	4	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Upper 5.3 miles of above-tidal reach	5.3	3	0	
2002	Orthophosphorus	Not Assessed	Lower 5.3 miles of above-tidal reach	5.3	7	0	
2002	Orthophosphorus	Not Assessed	Upper 5.3 miles of above-tidal reach	5.3	6	0	
2002	Total Phosphorus	Not Assessed	Lower 5.3 miles of above-tidal reach	5.3	0		
2002	Total Phosphorus	Not Assessed	Upper 5.3 miles of above-tidal reach	5.3	0		
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Lower 5.3 miles of above-tidal reach	5.3			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Upper 5.3 miles of above-tidal reach	5.3			

Algal Growth Concern

2002	Chlorophyll a	Not Assessed	Lower 5.3 miles of above-tidal reach	5.3	0		
2002	Chlorophyll a	Not Assessed	Upper 5.3 miles of above-tidal reach	5.3	0		

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Sediment Contaminants Concern

2002	Overall Sediment Contaminant Concerns	Not Assessed	Lower 5.3 miles of above-tidal reach	5.3			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upper 5.3 miles of above-tidal reach	5.3			

Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 5.3 miles of above-tidal reach	5.3			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper 5.3 miles of above-tidal reach	5.3			

Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	Lower 5.3 miles of above-tidal reach	5.3			
2002	Overall Narrative Criteria Concerns	No Concern	Upper 5.3 miles of above-tidal reach	5.3			

Overall Secondary Concern

2002		No Concern	Lower 5.3 miles of above-tidal reach	5.3			
2002		No Concern	Upper 5.3 miles of above-tidal reach	5.3			