

Segment ID: 1013

Water body name: Buffalo Bayou Tidal

Tidal Stream

San Jacinto River Basin

Total size:

4 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	Entire segment	4	185	3	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Entire segment	4	185	2	
2002	Dissolved Oxygen 24hr average	Not Assessed	Entire segment	4	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Entire segment	4	0		
2004	Acute Metals in water Copper	Fully Supporting	Entire segment	4	14	0	
2004	Chronic Metals in water Copper	Fully Supporting	Entire segment	4	14		2.76
2004	Overall Aquatic Life Use	Fully Supporting	Entire segment	4			

Contact Recreation Use

2002	Enterococci single sample	Not Assessed	Entire segment	4	2	2	
2002	Enterococci geometric mean	Not Assessed	Entire segment	4	2		488
2002	Fecal coliform single sample	Not Supporting	Entire segment	4	310	290	
2002	Fecal coliform geometric mean	Not Supporting	Entire segment	4	310		3,276
2002	Overall Recreation Use	Not Supporting	Entire segment	4			

General Use

2002	Water Temperature	Fully Supporting	Entire segment	4	183	0	
2002	pH	Fully Supporting	Entire segment	4	87	0	
2002	Overall General Use	Fully Supporting	Entire segment	4			

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Fish Consumption Use

2002	Human Health Criteria	Fully Supporting	Entire segment	4	10		
2002	Overall Fish Consumption Use	Fully Supporting	Entire segment	4			

Overall Use Support

2004		Not Supporting	Entire segment	4			
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Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	Entire segment	4	275	5	
2002	Nitrite + Nitrate Nitrogen	Concern	Entire segment	4	24	13	
2002	Orthophosphorus	Concern	Entire segment	4	23	10	
2002	Total Phosphorus	Concern	Entire segment	4	23	10	
2002	Overall Nutrient Enrichment Concerns	Concern	Entire segment	4			

Algal Growth Concern

2002	Chlorophyll a	No Concern	Entire segment	4	22	0	
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Sediment Contaminants Concern

2002	Overall Sediment Contaminant Concerns	Not Assessed	Entire segment	4			
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Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Entire segment	4			
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Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	Entire segment	4			
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Overall Secondary Concern

2002		Concern	Entire segment	4			
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