

Segment ID: 1014 Water body name: Buffalo Bayou Above Tidal

Freshwater Stream

San Jacinto River Basin

Total size:

24 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	24	527	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Entire segment	24	527	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Entire segment	24	2		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Entire segment	24	2		
2002	Acute Metals in water	Not Assessed	Entire segment	24	3	0	
2002	Chronic Metals in water	Not Assessed	Entire segment	24	3		
2002	Overall Aquatic Life Use	Fully Supporting	Entire segment	24			

Contact Recreation Use

2004	E. coli single sample	Not Supporting	Entire segment	24	192	140	
2004	E. coli geometric mean	Not Supporting	Entire segment	24	192		892
2002	Fecal coliform single sample	Not Supporting	Entire segment	24	552	404	
2002	Fecal coliform geometric mean	Not Supporting	Entire segment	24	552		1,290
2004	Overall Recreation Use	Not Supporting	Entire segment	24			

General Use

2002	Water Temperature	Fully Supporting	Entire segment	24	537	2	
2002	pH	Fully Supporting	Entire segment	24	281	0	
2002	Chloride	Fully Supporting	Entire segment	24	30		76.5
2002	Sulfate	Fully Supporting	Entire segment	24	473		25.1

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General Use (continued)

2002	Total Dissolved Solids	Fully Supporting	Entire segment	24	500		388.9
2002	Overall General Use	Fully Supporting	Entire segment	24			

Fish Consumption Use

2002	Human Health Criteria	Not Assessed	Entire segment	24	3		
2002	Overall Fish Consumption Use	Not Assessed	Entire segment	24			

Overall Use Support

2004		Not Supporting	Entire segment	24			
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Nutrient Enrichment Concern

2002	Ammonia Nitrogen	Concern	Entire segment	24	523	229	
2002	Nitrite + Nitrate Nitrogen	Concern	Entire segment	24	31	20	
2002	Orthophosphorus	Concern	Entire segment	24	33	22	
2002	Total Phosphorus	Concern	Entire segment	24	24	14	
2002	Overall Nutrient Enrichment Concerns	Concern	Entire segment	24			

Algal Growth Concern

2002	Chlorophyll a	No Concern	Entire segment	24	19	1	
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Sediment Contaminants Concern

2002	Overall Sediment Contaminant Concerns	Not Assessed	Entire segment	24			
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Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Entire segment	24			
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Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	Entire segment	24			
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Overall Secondary Concern

2002		Concern	Entire segment	24			
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