

Segment ID: 1111 **Water body name: Old Brazos River Channel Tidal**

Estuary

San Jacinto-Brazos Coastal Basin

Total size:

0.9

Sq. 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	0.9	19	1	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Entire segment	0.9	19	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Entire segment	0.9	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Entire segment	0.9	0		
2002	Acute Metals in water	Fully Supporting	Entire segment	0.9	10		
2002	Chronic Metals in water	Fully Supporting	Entire segment	0.9	10		
2002	Overall Aquatic Life Use	Fully Supporting	Entire segment	0.9			

Contact Recreation Use

2002	Enterococci single sample	Not Assessed	Entire segment	0.9	0		
2002	Enterococci geometric mean	Not Assessed	Entire segment	0.9	0		
2002	Fecal coliform single sample	Fully Supporting	Entire segment	0.9	19	0	
2002	Fecal coliform geometric mean	Fully Supporting	Entire segment	0.9	19		8
2002	Overall Recreation Use	Fully Supporting	Entire segment	0.9			

General Use

2002	Water Temperature	Fully Supporting	Entire segment	0.9	19	0	
2002	pH	Fully Supporting	Entire segment	0.9	19	0	
2002	Overall General Use	Fully Supporting	Entire segment	0.9			

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Fish Consumption Use

2002	Overall Fish Consumption Use	Not Assessed	Entire segment	0.9			
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Overall Use Support

2002		Fully Supporting	Entire segment	0.9			
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Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	Entire segment	0.9	20	1	
2002	Nitrite + Nitrate Nitrogen	No Concern	Entire segment	0.9	20	1	
2002	Orthophosphorus	No Concern	Entire segment	0.9	19	1	
2002	Total Phosphorus	No Concern	Entire segment	0.9	20	1	
2002	Overall Nutrient Enrichment Concerns	No Concern	Entire segment	0.9			

Algal Growth Concern

2002	Chlorophyll a	No Concern	Entire segment	0.9	19	1	
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Sediment Contaminants Concern

2002	85% Metals in sediment Arsenic	No Concern	Entire segment	0.9	12	2	
2002	85% Metals in sediment Barium	Concern	Entire segment	0.9	12	10	
2002	85% Metals in sediment Copper	Concern	Entire segment	0.9	12	9	
2002	85% Metals in sediment Lead	No Concern	Entire segment	0.9	12	2	
2002	85% Metals in sediment Nickel	Concern	Entire segment	0.9	12	6	
2002	Organics in sediment	Not Assessed	Entire segment	0.9	3		
2002	Overall Sediment Contaminant Concerns	Concern	Entire segment	0.9			

