

Segment ID: 2422 Water body name: Trinity Bay

Estuary		Bays and Estuaries		Total size:	130.1	Sq. miles	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Aquatic Life Use							
2002	Dissolved Oxygen grab average	No Concern	Entire segment	130.1	175	2	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Entire segment	130.1	175	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Entire segment	130.1	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Entire segment	130.1	0		
2002	Acute Metals in water	Fully Supporting	Area around Exxon C-1 Platform	8	18		
2002	Acute Metals in water	Not Assess-Not Represent	Entire segment	130.1	10		
2002	Chronic Metals in water	Fully Supporting	Area around Exxon C-1 Platform	8	18		
2002	Chronic Metals in water	Not Assess-Not Represent	Entire segment	130.1	10		
2002	Overall Aquatic Life Use	Fully Supporting	Entire segment	130.1			
Contact Recreation Use							
2002	Enterococci single sample	Not Assessed	Entire segment	130.1	0		
2002	Enterococci geometric mean	Not Assessed	Entire segment	130.1	0		
2002	Fecal coliform single sample	Fully Supporting	Entire segment	130.1	1083	5	
2002	Fecal coliform geometric mean	Fully Supporting	Entire segment	130.1	1083		5
2002	Overall Recreation Use	Fully Supporting	Entire segment	130.1			
General Use							
2002	Water Temperature	Fully Supporting	Entire segment	130.1	178	0	
2002	pH	Fully Supporting	Entire segment	130.1	176	0	

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General Use (continued)

2002	Overall General Use	Fully Supporting	Entire segment	130.1			
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Fish Consumption Use

2002	Human Health Criteria	Fully Supporting	Area around Exxon C-1 Platform	8	18		
2002	Human Health Criteria Metals	Not Assess-Not Represent	Entire segment	130.1	10		
2002	Overall Fish Consumption Use	Fully Supporting	Area around Exxon C-1 Platform	8			
2002	Overall Fish Consumption Use	Not Assessed	Remainder of segment	122.1			

Oyster Waters Use

2002	TDH Maps	Not Supporting	Area in the northern portion of the bay near Trinity River confluence	60.4			
2002	TDH Maps	Use Concern	Area in the southern portion of the bay near Upper Galveston Bay	68.6			
2002	TDH Maps	Fully Supporting	Remainder of Trinity Bay	1.1			

Overall Use Support

2002		Not Supporting	Area in the northern portion of the bay near Trinity River confluence	60.4			
2002		Fully Supporting	Area in the southern portion of the bay near Upper Galveston Bay	68.6			
2002		Fully Supporting	Remainder of Trinity Bay	1.1			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	Entire segment	130.1	177	9	
2002	Nitrite + Nitrate Nitrogen	Concern	Entire segment	130.1	176	54	
2002	Orthophosphorus	No Concern	Entire segment	130.1	176	21	

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Nutrient Enrichment Concern (continued)							
2002	Total Phosphorus	No Concern	Entire segment	130.1	177	30	
2002	Overall Nutrient Enrichment Concerns	Concern	Entire segment	130.1			
Algal Growth Concern							
2002	Chlorophyll a	No Concern	Entire segment	130.1	177	18	
Sediment Contaminants Concern							
2002	Metals in sediment	No Concern	Entire segment	130.1	17		
2002	Organics in sediment	No Concern	Entire segment	130.1	17		
2002	Overall Sediment Contaminant Concerns	No Concern	Entire segment	130.1			
Fish Tissue Contaminants Concern							
2002	Metals in fish tissue	No Concern	Entire segment	130.1	40		
2002	Organics in fish tissue	No Concern	Entire segment	130.1	40		
2002	Overall Fish Tissue Contaminant Concerns	No Concern	Entire segment	130.1			
Narrative Criteria Concern							
2002	Overall Narrative Criteria Concerns	No Concern	Entire segment	130.1			
Overall Secondary Concern							
2002		Concern	Entire segment	130.1			