Segment ID: 2422 **Water body name:** Trinity Bay

Estuary | Bays and Estuaries | Total size: 130.1 Sq. miles

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

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Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Fish Consumption Use						
Human Health Criteria	Fully Supporting	Area around Exxon C-1 Platform	8	18		
Human Health Criteria Metals	Not Assess-Not Represent	Entire segment	130.1	10		
Overall Fish Consumption Use	Fully Supporting	Area around Exxon C-1 Platform	8			
Overall Fish Consumption Use	Not Assessed	Remainder of segment	122.1			
Oyster Waters Use						
TDH Maps	Not Supporting	Area in the northern portion of the bay near Trinity River confluence	60.4			
TDH Maps	Use Concern	Area in the southern portion of the bay near Upper Galveston Bay	68.6			
TDH Maps	Fully Supporting	Remainder of Trinity Bay	1.1			
Overall Use Support						
	Not Supporting	Area in the northern portion of the bay near Trinity River confluence	60.4			
	Fully Supporting	Area in the southern portion of the bay near Upper Galveston Bay	68.6			
	Fully Supporting	Remainder of Trinity Bay	1.1			
Nutrient Enrichment Concern						
Ammonia Nitrogen	No Concern	Entire segment	130.1	177	9	
Nitrite + Nitrate Nitrogen	Concern	Entire segment	130.1	176	54	
Orthophosphorus	No Concern	Entire segment	130.1	176	21	
Total Phosphorus	No Concern	Entire segment	130.1	177	30	
Overall Nutrient Enrichment Concerns	Concern	Entire segment	130.1			

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Estuary | Bays and Estuaries | Total size: 130.1 Sq. miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Algal Growth Concern						
Chlorophyll a	No Concern	Entire segment	130.1	177	18	
Sediment Contaminants Concern						
Metals in sediment	No Concern	Entire segment	130.1	17		
Organics in sediment	No Concern	Entire segment	130.1	17		
Overall Sediment Contaminant Concerns	No Concern	Entire segment	130.1			
Fish Tissue Contaminants Concern						
Metals in fish tissue	No Concern	Entire segment	130.1	40		
Organics in fish tissue	No Concern	Entire segment	130.1	40		
Overall Fish Tissue Contaminant Concerns	No Concern	Entire segment	130.1			
Narrative Criteria Concern						
Overall Narrative Criteria Concerns	No Concern	Entire segment	130.1			
Overall Secondary Concern						
	Concern	Entire segment	130.1			