Segment ID: 2421 **Water body name:** Upper Galveston Bay

Estuary | Bays and Estuaries | Total size: 108.2 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	108.2	153	1	
Dissolved Oxygen grab minimum	Fully Supporting	Entire Segment	108.2	153	0	
Dissolved Oxygen 24hr average	Not Assessed	Entire Segment	108.2	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Entire Segment	108.2	0		
Acute Metals in water	Not Assess-Not Represent	Entire Segment	108.2	8		
Chronic Metals in water	Not Assess-Not Represent	Entire Segment	108.2	8		
Overall Aquatic Life Use	Fully Supporting	Entire Segment	108.2			
Contact Recreation Use						
Enterococci single sample	Not Assessed	Entire Segment	108.2	0		
Enterococci geometric mean	Not Assessed	Entire Segment	108.2	0		
Fecal coliform single sample	Fully Supporting	Entire Segment	108.2	1841	71	
Fecal coliform geometric mean	Fully Supporting	Entire Segment	108.2	1841		10
Overall Recreation Use	Fully Supporting	Entire Segment	108.2			
General Use						
Water Temperature	Fully Supporting	Entire Segment	108.2	154	0	
pH	Fully Supporting	Entire Segment	108.2	153	4	
Overall General Use	Fully Supporting	Entire Segment	108.2			

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Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Fish Consumption Use						
Advisories and Closures Restricted and No-Consump	Not Supporting	Red Bluff to Five Mile Cut to Houston Point to Morgans Point	22			
Overall Fish Consumption Use	Not Supporting	Red Bluff to Five Mile Cut to Houston Point to Morgans Point	22			
Overall Fish Consumption Use	Not Assessed	Remainder of Segment	86.2			
Oyster Waters Use						
TDH Maps	Use Concern	Area east of a line from Eagle Point to Five Mile Pass to Houston Point	20.6			
TDH Maps	Not Supporting	Area west of a line from Eagle Point to Five Mile Pass to Houston Point	59.5			
TDH Maps	Fully Supporting	Remainder of bay	28.1			
Overall Use Support						
	Fully Supporting	Area east of a line from Eagle Point to Five Mile Pass to Houston Point	20.6			
	Not Supporting	Area west of a line from Eagle Point to Five Mile Pass to Houston Point	59.5			
	Fully Supporting	Remainder of bay	28.1			
Nutrient Enrichment Concern						
Ammonia Nitrogen	No Concern	Entire Segment	108.2	151	15	
Nitrite + Nitrate Nitrogen	No Concern	Entire Segment	108.2	142	38	
Orthophosphorus	No Concern	Entire Segment	108.2	142	22	
Total Phosphorus	Concern	Entire Segment	108.2	147	48	
Overall Nutrient Enrichment Concerns	Concern	Entire Segment	108.2			

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Estuary | Bays and Estuaries | Total size: 108.2 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	108.2	152	23	
Sediment Contaminants Concern						
85% Metals in sediment Arsenic	No Concern	Entire Segment	108.2	16	4	
85% Metals in sediment Barium	No Concern	Entire Segment	108.2	16	3	
85% Metals in sediment Chromium	No Concern	Entire Segment	108.2	16	3	
85% Metals in sediment Lead	No Concern	Entire Segment	108.2	16	3	
85% Metals in sediment Nickel	No Concern	Entire Segment	108.2	16	3	
Organics in sediment	Not Assessed	Entire Segment	108.2	8		
Overall Sediment Contaminant Concerns	No Concern	Entire Segment	108.2			
Fish Tissue Contaminants Concern						
Overall Fish Tissue Contaminant Concerns	Not Assessed	Entire Segment	108.2			
Narrative Criteria Concern						
Overall Narrative Criteria Concerns	No Concern	Entire Segment	108.2			
Overall Secondary Concern						
	Concern	Entire Segment	108.2			