

**Segment ID: 2424**      **Water body name: West Bay**

Estuary	Bays and Estuaries	Total size:	69.3	Sq. miles
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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	69.3	209	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Entire segment	69.3	209	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Entire segment	69.3	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Entire segment	69.3	0		
2002	Acute Metals in water Copper	Fully Supporting	Area around Caranchahua Reef	8	17	0	
2002	Chronic Metals in water Copper	Fully Supporting	Area around Caranchahua Reef	8	17		1.861
2002	Overall Aquatic Life Use	Fully Supporting	Entire segment	69.3			

**Contact Recreation Use**

2002	Enterococci single sample	Fully Supporting	Entire segment	69.3	93	1	
2002	Enterococci geometric mean	Fully Supporting	Entire segment	69.3	93		2
2002	Fecal coliform single sample	Fully Supporting	Entire segment	69.3	1053	16	
2002	Fecal coliform geometric mean	Fully Supporting	Entire segment	69.3	1053		6
2002	Overall Recreation Use	Fully Supporting	Entire segment	69.3			

**General Use**

2002	Water Temperature	Fully Supporting	Entire segment	69.3	212	0	
2002	pH	Fully Supporting	Entire segment	69.3	187	0	
2002	Overall General Use	Fully Supporting	Entire segment	69.3			

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**Fish Consumption Use**

2002	Human Health Criteria Metals	Fully Supporting	Area around Caranchahua Reef	8	17		
2002	Overall Fish Consumption Use	Fully Supporting	Area around Caranchahua Reef	8			
2002	Overall Fish Consumption Use	Not Assessed	Remainder of segment	61.3			

**Oyster Waters Use**

2002	TDH Maps	Not Supporting	24.4 square miles at the east end near Galveston and Texas City	24.4			
2002	TDH Maps	Fully Supporting	Remainder of the bay	44.9			

**Overall Use Support**

2002		Not Supporting	24.4 square miles at the east end near Galveston and Texas City	24.4			
2002		Fully Supporting	Remainder of the bay	44.9			

**Nutrient Enrichment Concern**

2002	Ammonia Nitrogen	No Concern	Entire segment	69.3	109	9	
2002	Nitrite + Nitrate Nitrogen	No Concern	Entire segment	69.3	109	7	
2002	Orthophosphorus	No Concern	Entire segment	69.3	71	1	
2002	Total Phosphorus	No Concern	Entire segment	69.3	87	2	
2002	Overall Nutrient Enrichment Concerns	No Concern	Entire segment	69.3			

**Algal Growth Concern**

2002	Chlorophyll a	No Concern	Entire segment	69.3	82	4	
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**Sediment Contaminants Concern**

2002	Metals in sediment	Not Assessed	Entire segment	69.3	8		
2002	Organics in sediment	Not Assessed	Entire segment	69.3	8		
2002	Overall Sediment Contaminant Concerns	Not Assessed	Entire segment	69.3			

**Fish Tissue Contaminants Concern**

2002	Metals in fish tissue	No Concern	Entire segment	69.3	21		
2002	Organics in fish tissue	No Concern	Entire segment	69.3	21		
2002	Overall Fish Tissue Contaminant Concerns	No Concern	Entire segment	69.3			

**Narrative Criteria Concern**

2002	Overall Narrative Criteria Concerns	No Concern	Entire segment	69.3			
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**Overall Secondary Concern**

2002		No Concern	Entire segment	69.3			
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