

**Segment ID: 2482**      **Water body name: Nueces Bay**

Estuary      Bays and Estuaries      Total size:      28.9      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	South shore power line	8	16	1	
2002	Dissolved Oxygen grab average	No Concern	US 181 causeway	8	16	0	
2002	Dissolved Oxygen grab average	No Concern	Whites Point	8	15	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	South shore power line	8	16	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	US 181 causeway	8	16	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Whites Point	8	15	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	South shore power line	8	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	US 181 causeway	8	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Whites Point	8	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	South shore power line	8	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	US 181 causeway	8	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Whites Point	8	0		
2002	Acute Metals in water	Not Assessed	Whites Point	8	3	0	
2002	Chronic Metals in water Copper	Not Assessed	Whites Point	8	3		4.87
2002	Overall Aquatic Life Use	Not Assessed	Remainder of bay	4.9			
2002	Overall Aquatic Life Use	Fully Supporting	South shore power line	8			
2002	Overall Aquatic Life Use	Fully Supporting	US 181 causeway	8			
2002	Overall Aquatic Life Use	Fully Supporting	Whites Point	8			

**Contact Recreation Use**

2002	Enterococci single sample	Not Assessed	Remainder of bay	4.9	0		
2002	Enterococci single sample	Not Assessed	South shore power line	8	0		
2002	Enterococci single sample	Not Assessed	US 181 causeway	8	0		

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**Contact Recreation Use** (continued)

2002	Enterococci single sample	Not Assessed	Whites Point	8	0		
2002	Enterococci geometric mean	Not Assessed	Remainder of bay	4.9	0		
2002	Enterococci geometric mean	Not Assessed	South shore power line	8	0		
2002	Enterococci geometric mean	Not Assessed	US 181 causeway	8	0		
2002	Enterococci geometric mean	Not Assessed	Whites Point	8	0		
2002	Fecal coliform single sample	Fully Supporting	Remainder of bay	4.9	91	0	
2002	Fecal coliform single sample	Fully Supporting	South shore power line	8	29	0	
2002	Fecal coliform single sample	Fully Supporting	US 181 causeway	8	29	0	
2002	Fecal coliform single sample	Fully Supporting	Whites Point	8	28	0	
2002	Fecal coliform geometric mean	Fully Supporting	Remainder of bay	4.9	91		3
2002	Fecal coliform geometric mean	Fully Supporting	South shore power line	8	29		2
2002	Fecal coliform geometric mean	Fully Supporting	US 181 causeway	8	29		4
2002	Fecal coliform geometric mean	Fully Supporting	Whites Point	8	28		2
2002	Overall Recreation Use	Fully Supporting	Remainder of bay	4.9			
2002	Overall Recreation Use	Fully Supporting	South shore power line	8			
2002	Overall Recreation Use	Fully Supporting	US 181 causeway	8			
2002	Overall Recreation Use	Fully Supporting	Whites Point	8			

**General Use**

2002	Water Temperature	Fully Supporting	South shore power line	8	16	0	
2002	Water Temperature	Fully Supporting	US 181 causeway	8	16	0	
2002	Water Temperature	Fully Supporting	Whites Point	8	15	0	
2002	pH	Fully Supporting	South shore power line	8	16	0	
2002	pH	Fully Supporting	US 181 causeway	8	16	0	

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**General Use** (continued)

2002	pH	Fully Supporting	Whites Point	8	15	0		
2002	Overall General Use	Not Assessed	Remainder of bay	4.9				
2002	Overall General Use	Fully Supporting	South shore power line	8				
2002	Overall General Use	Fully Supporting	US 181 causeway	8				
2002	Overall General Use	Fully Supporting	Whites Point	8				

**Fish Consumption Use**

2002	Human Health Criteria Metals	Not Assessed	Whites Point	8	3			
2002	Overall Fish Consumption Use	Not Assessed	Remainder of bay	4.9				
2002	Overall Fish Consumption Use	Not Assessed	South shore power line	8				
2002	Overall Fish Consumption Use	Not Assessed	US 181 causeway	8				
2002	Overall Fish Consumption Use	Not Assessed	Whites Point	8				

**Oyster Waters Use**

2002	TDH Maps	Not Supporting	Remainder of bay	4.9				
2002	TDH Maps	Not Supporting	South shore power line	8				
2002	TDH Maps	Not Supporting	US 181 causeway	8				
2002	TDH Maps	Not Supporting	Whites Point	8				

**Overall Use Support**

2002		Not Supporting	Remainder of bay	4.9				
2002		Not Supporting	South shore power line	8				
2002		Not Supporting	US 181 causeway	8				
2002		Not Supporting	Whites Point	8				

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**Nutrient Enrichment Concern**

2002	Ammonia Nitrogen	No Concern	South shore power line	8	19	1	
2002	Ammonia Nitrogen	No Concern	US 181 causeway	8	20	0	
2002	Ammonia Nitrogen	No Concern	Whites Point	8	18	2	
2002	Nitrite + Nitrate Nitrogen	No Concern	South shore power line	8	19	2	
2002	Nitrite + Nitrate Nitrogen	No Concern	US 181 causeway	8	19	2	
2002	Nitrite + Nitrate Nitrogen	No Concern	Whites Point	8	18	2	
2002	Orthophosphorus	No Concern	South shore power line	8	16	1	
2002	Orthophosphorus	No Concern	US 181 causeway	8	16	1	
2002	Orthophosphorus	No Concern	Whites Point	8	15	2	
2002	Total Phosphorus	No Concern	South shore power line	8	18	1	
2002	Total Phosphorus	No Concern	US 181 causeway	8	18	0	
2002	Total Phosphorus	No Concern	Whites Point	8	17	3	
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Remainder of bay	4.9			
2002	Overall Nutrient Enrichment Concerns	No Concern	South shore power line	8			
2002	Overall Nutrient Enrichment Concerns	No Concern	US 181 causeway	8			
2002	Overall Nutrient Enrichment Concerns	No Concern	Whites Point	8			

**Algal Growth Concern**

2002	Chlorophyll a	Not Assessed	Remainder of bay	4.9			
2002	Chlorophyll a	No Concern	South shore power line	8	20	0	
2002	Chlorophyll a	No Concern	US 181 causeway	8	20	0	
2002	Chlorophyll a	No Concern	Whites Point	8	19	0	

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**Sediment Contaminants Concern**

2002	85% Metals in sediment Barium	Not Assessed	Whites Point	8	4	4	
2002	85% Metals in sediment Cadmium	Not Assessed	Whites Point	8	4	4	
2002	85% Metals in sediment Metals	Not Assessed	Whites Point	8	4	0	
2002	Metals in sediment	Not Assessed	South shore power line	8	4		
2002	Metals in sediment	Not Assessed	US 181 causeway	8	3	0	
2002	Overall Sediment Contaminant Concerns	Not Assessed	Remainder of bay	4.9			
2002	Overall Sediment Contaminant Concerns	Not Assessed	South shore power line	8			
2002	Overall Sediment Contaminant Concerns	Not Assessed	US 181 causeway	8			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Whites Point	8			

**Fish Tissue Contaminants Concern**

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Remainder of bay	4.9			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	South shore power line	8			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	US 181 causeway	8			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Whites Point	8			

**Narrative Criteria Concern**

2002	Overall Narrative Criteria Concerns	No Concern	Remainder of bay	4.9			
2002	Overall Narrative Criteria Concerns	No Concern	South shore power line	8			

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**Narrative Criteria Concern** (continued)

2002	Overall Narrative Criteria Concerns	No Concern	US 181 causeway	8				
2002	Overall Narrative Criteria Concerns	No Concern	Whites Point	8				

**Overall Secondary Concern**

2002		No Concern	Remainder of bay	4.9				
2002		No Concern	South shore power line	8				
2002		No Concern	US 181 causeway	8				
2002		No Concern	Whites Point	8				