Segment ID: 2462 **Water body name:** San Antonio Bay/Hynes Bay/Guadalupe Bay

Estuary | Bays and Estuaries | Total size: 119.5 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	Not Assessed	8.0 square miles of San Antonio Bay near Seadrift	8	4	0	
Dissolved Oxygen grab average	No Concern	San Antonio Bay near Austwell	8	16	0	
Dissolved Oxygen grab minimum	No Concern-Limited Data	8.0 square miles of San Antonio Bay near Seadrift	8	4	0	
Dissolved Oxygen grab minimum	Fully Supporting	San Antonio Bay near Austwell	8	16	0	
Dissolved Oxygen 24hr average	Not Assessed	8.0 square miles of San Antonio Bay near Seadrift	8	0		
Dissolved Oxygen 24hr average	Not Assessed	San Antonio Bay near Austwell	8	0		
Dissolved Oxygen 24hr minimum	Not Assessed	8.0 square miles of San Antonio Bay near Seadrift	8	0		
Dissolved Oxygen 24hr minimum	Not Assessed	San Antonio Bay near Austwell	8	0		
Overall Aquatic Life Use	Not Assessed	8.0 square miles of San Antonio Bay near Seadrift	8			
Overall Aquatic Life Use	Not Assessed	Remainder of bay	103.5			
Overall Aquatic Life Use	Fully Supporting	San Antonio Bay near Austwell	8			
Contact Recreation Use						
Enterococci single sample	Not Assessed	8.0 square miles of San Antonio Bay near Seadrift	8	0		
Enterococci single sample	Not Assessed	Remainder of bay	103.5	0		
Enterococci single sample	Use Concern-Limited Data	San Antonio Bay near Austwell	8	6	2	
Enterococci geometric mean	Not Assessed	8.0 square miles of San Antonio Bay near Seadrift	8	0		
Enterococci geometric mean	Not Assessed	Remainder of bay	103.5	0		
Enterococci geometric mean	No Concern-Limited Data	San Antonio Bay near Austwell	8	6		10
Fecal coliform single sample	No Concern-Limited Data	8.0 square miles of San Antonio Bay near Seadrift	8	4	0	
Fecal coliform single sample	Fully Supporting	Remainder of bay	103.5	694	2	
Fecal coliform single sample	Fully Supporting	San Antonio Bay near Austwell	8	10	1	
Fecal coliform geometric mean	No Concern-Limited Data	8.0 square miles of San Antonio Bay near Seadrift	8	4		6

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Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Contact Recreation Use (continued)						
Fecal coliform geometric mean	Fully Supporting	Remainder of bay	103.5	694		6
Fecal coliform geometric mean	Fully Supporting	San Antonio Bay near Austwell	8	10		8
Overall Recreation Use	Not Assessed	8.0 square miles of San Antonio Bay near Seadrift	8			
Overall Recreation Use	Fully Supporting	Remainder of bay	103.5			
Overall Recreation Use	Fully Supporting	San Antonio Bay near Austwell	8			
General Use						
Water Temperature	No Concern-Limited Data	8.0 square miles of San Antonio Bay near Seadrift	8	4	0	
Water Temperature	Fully Supporting	San Antonio Bay near Austwell	8	17	0	
pH	No Concern-Limited Data	8.0 square miles of San Antonio Bay near Seadrift	8	4	0	
pH	Fully Supporting	San Antonio Bay near Austwell	8	17	0	
Overall General Use	Not Assessed	8.0 square miles of San Antonio Bay near Seadrift	8			
Overall General Use	Not Assessed	Remainder of bay	103.5			
Overall General Use	Fully Supporting	San Antonio Bay near Austwell	8			
Fish Consumption Use						
Overall Fish Consumption Use	Not Assessed	8.0 square miles of San Antonio Bay near Seadrift	8			
Overall Fish Consumption Use	Not Assessed	Remainder of bay	103.5			
Overall Fish Consumption Use	Not Assessed	San Antonio Bay near Austwell	8			
Oyster Waters Use						
TDH Maps	Use Concern	18.0 square miles in Hynes Bay and upper San Antonio Bay	18			
TDH Maps	Not Supporting	Guadalupe Bay, San Antonio Bay near Seadrift and ICWW	10.2			
TDH Maps	Fully Supporting	Remainder of San Antonio Bay	91.3			

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Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Overall Use Support						
	Fully Supporting	18.0 square miles in Hynes Bay and upper San Antonio Bay	18			
	Not Supporting	Guadalupe Bay, San Antonio Bay near Seadrift and ICWW	10.2			
	Fully Supporting	Remainder of San Antonio Bay	91.3			
Nutrient Enrichment Concern						
Ammonia Nitrogen	Not Assessed	8.0 square miles of San Antonio Bay near Seadrift	8	6	2	
Ammonia Nitrogen	No Concern	San Antonio Bay near Austwell	8	19	3	
Nitrite + Nitrate Nitrogen	Not Assessed	8.0 square miles of San Antonio Bay near Seadrift	8	6	1	
Nitrite + Nitrate Nitrogen	Concern	San Antonio Bay near Austwell	8	17	5	
Orthophosphorus	Not Assessed	8.0 square miles of San Antonio Bay near Seadrift	8	5	1	
Orthophosphorus	Concern	San Antonio Bay near Austwell	8	18	10	
Total Phosphorus	Not Assessed	8.0 square miles of San Antonio Bay near Seadrift	8	6	0	
Total Phosphorus	Concern	San Antonio Bay near Austwell	8	19	13	
Overall Nutrient Enrichment Concerns	Not Assessed	8.0 square miles of San Antonio Bay near Seadrift	8			
Overall Nutrient Enrichment Concerns	Not Assessed	Remainder of bay	103.5			
Overall Nutrient Enrichment Concerns	Concern	San Antonio Bay near Austwell	8			
Algal Growth Concern						
Chlorophyll a	Not Assessed	8.0 square miles of San Antonio Bay near Seadrift	8	6	0	
Chlorophyll a	Not Assessed	Remainder of bay	103.5			
Chlorophyll a	No Concern	San Antonio Bay near Austwell	8	16	2	

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Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Sediment Contaminants Concern						
Overall Sediment Contaminant Concerns	Not Assessed	8.0 square miles of San Antonio Bay near Seadrift	8			
Overall Sediment Contaminant Concerns	Not Assessed	Remainder of bay	103.5			
Overall Sediment Contaminant Concerns	Not Assessed	San Antonio Bay near Austwell	8			
Fish Tissue Contaminants Concern						
Overall Fish Tissue Contaminant Concerns	Not Assessed	8.0 square miles of San Antonio Bay near Seadrift	8			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Remainder of bay	103.5			
Overall Fish Tissue Contaminant Concerns	Not Assessed	San Antonio Bay near Austwell	8			
Narrative Criteria Concern						
Overall Narrative Criteria Concerns	No Concern	8.0 square miles of San Antonio Bay near Seadrift	8			
Overall Narrative Criteria Concerns	No Concern	Remainder of bay	103.5			
Overall Narrative Criteria Concerns	No Concern	San Antonio Bay near Austwell	8			
Overall Secondary Concern						
	No Concern	8.0 square miles of San Antonio Bay near Seadrift	8			
	No Concern	Remainder of bay	103.5			
	Concern	San Antonio Bay near Austwell	8			