

Segment ID: 2462

Water body name: San Antonio Bay/Hynes Bay/Guadalupe Bay

Estuary

Bays and Estuaries

Total size:

119.5 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	Not Assessed	8.0 square miles of San Antonio Bay near Seadrift	8	4	0	
2002	Dissolved Oxygen grab average	No Concern	San Antonio Bay near Austwell	8	16	0	
2002	Dissolved Oxygen grab minimum	No Concern-Limited Data	8.0 square miles of San Antonio Bay near Seadrift	8	4	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	San Antonio Bay near Austwell	8	16	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	8.0 square miles of San Antonio Bay near Seadrift	8	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	San Antonio Bay near Austwell	8	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	8.0 square miles of San Antonio Bay near Seadrift	8	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	San Antonio Bay near Austwell	8	0		
2002	Overall Aquatic Life Use	Not Assessed	8.0 square miles of San Antonio Bay near Seadrift	8			
2002	Overall Aquatic Life Use	Not Assessed	Remainder of bay	103.5			
2002	Overall Aquatic Life Use	Fully Supporting	San Antonio Bay near Austwell	8			

Contact Recreation Use

2002	Enterococci single sample	Not Assessed	8.0 square miles of San Antonio Bay near Seadrift	8	0		
2002	Enterococci single sample	Not Assessed	Remainder of bay	103.5	0		
2004	Enterococci single sample	Fully Supporting	San Antonio Bay near Austwell	8	14	2	
2002	Enterococci geometric mean	Not Assessed	8.0 square miles of San Antonio Bay near Seadrift	8	0		
2002	Enterococci geometric mean	Not Assessed	Remainder of bay	103.5	0		
2004	Enterococci geometric mean	Fully Supporting	San Antonio Bay near Austwell	8	14		18
2002	Fecal coliform single sample	No Concern	8.0 square miles of San Antonio Bay near Seadrift	8	4	0	
2004	Fecal coliform single sample	Fully Supporting	Remainder of bay	103.5	480	2	
2004	Fecal coliform single sample	Fully Supporting	San Antonio Bay near Austwell	8	14	1	

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Contact Recreation Use (continued)

2002	Fecal coliform geometric mean	No Concern	8.0 square miles of San Antonio Bay near Seadrift	8	4		6
2004	Fecal coliform geometric mean	Fully Supporting	Remainder of bay	103.5	480		4.3
2004	Fecal coliform geometric mean	Fully Supporting	San Antonio Bay near Austwell	8	14		11
2002	Overall Recreation Use	Not Assessed	8.0 square miles of San Antonio Bay near Seadrift	8			
2004	Overall Recreation Use	Fully Supporting	Remainder of bay	103.5			
2004	Overall Recreation Use	Fully Supporting	San Antonio Bay near Austwell	8			

General Use

2002	Water Temperature	No Concern-Limited Data	8.0 square miles of San Antonio Bay near Seadrift	8	4	0	
2002	Water Temperature	Fully Supporting	San Antonio Bay near Austwell	8	17	0	
2002	pH	No Concern-Limited Data	8.0 square miles of San Antonio Bay near Seadrift	8	4	0	
2002	pH	Fully Supporting	San Antonio Bay near Austwell	8	17	0	
2002	Overall General Use	Not Assessed	8.0 square miles of San Antonio Bay near Seadrift	8			
2002	Overall General Use	Not Assessed	Remainder of bay	103.5			
2002	Overall General Use	Fully Supporting	San Antonio Bay near Austwell	8			

Fish Consumption Use

2002	Overall Fish Consumption Use	Not Assessed	8.0 square miles of San Antonio Bay near Seadrift	8			
2002	Overall Fish Consumption Use	Not Assessed	Remainder of bay	103.5			
2002	Overall Fish Consumption Use	Not Assessed	San Antonio Bay near Austwell	8			

Oyster Waters Use

2002	TDH Maps	Use Concern	18.0 square miles in Hynes Bay and upper San Antonio Bay (OW)	18			
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Oyster Waters Use (continued)

2002	TDH Maps	Not Supporting	Guadalupe Bay, San Antonio Bay near Seadrift and ICWW (OW)	10.2			
2002	TDH Maps	Fully Supporting	Remainder of San Antonio Bay (OW)	91.3			
2002	Overall Oyster Waters Use	Fully Supporting	18.0 square miles in Hynes Bay and upper San Antonio Bay (OW)	18			
2002	Overall Oyster Waters Use	Not Supporting	Guadalupe Bay, San Antonio Bay near Seadrift and ICWW (OW)	10.2			
2002	Overall Oyster Waters Use	Fully Supporting	Remainder of San Antonio Bay (OW)	91.3			

Overall Use Support

2002		Fully Supporting	18.0 square miles in Hynes Bay and upper San Antonio Bay (OW)	18			
2002		Not Supporting	Guadalupe Bay, San Antonio Bay near Seadrift and ICWW (OW)	10.2			
2002		Fully Supporting	Remainder of San Antonio Bay (OW)	91.3			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	Not Assessed	8.0 square miles of San Antonio Bay near Seadrift	8	6	2	
2002	Ammonia Nitrogen	No Concern	San Antonio Bay near Austwell	8	19	3	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	8.0 square miles of San Antonio Bay near Seadrift	8	6	1	
2002	Nitrite + Nitrate Nitrogen	Concern	San Antonio Bay near Austwell	8	17	5	
2002	Orthophosphorus	Not Assessed	8.0 square miles of San Antonio Bay near Seadrift	8	5	1	
2002	Orthophosphorus	Concern	San Antonio Bay near Austwell	8	18	10	
2002	Total Phosphorus	Not Assessed	8.0 square miles of San Antonio Bay near Seadrift	8	6	0	
2002	Total Phosphorus	Concern	San Antonio Bay near Austwell	8	19	13	

