

San Antonio Bay/Hynes Bay/Guadalupe Bay

Segment: 2462 Bays and Estuaries

Basin number: 24
Basin group: E
Water body classification: Classified
Water body type: Estuary
Water body length / area: 119.5 Sq. miles
Water body uses: Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use, Oyster Waters Use

Standards Not Met in 2004				
Assessment Area	Use	Support Status	Parameter	Category
Guadalupe Bay, San Antonio Bay near Seadrift and ICWW (OW)	Oyster Waters Use	Not Supporting	bacteria (oyster waters)	5a

Additional Information: The aquatic life, contact recreation and general uses are fully supported. The fish consumption use was not assessed.

2004 Concerns:			
Assessment Area	Use or Concern	Concern Status	Description of Concern
18.0 square miles in Hynes Bay and upper San Antonio Bay (OW)	Oyster Waters Use	Use Concern	bacteria (oyster waters)
San Antonio Bay near Austwell	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
San Antonio Bay near Austwell	Nutrient Enrichment Concern	Concern	orthophosphorus
San Antonio Bay near Austwell	Nutrient Enrichment Concern	Concern	total phosphorus

Monitoring sites used:		
Assessment Area	Station ID	Station Description
8.0 square miles of San Antonio Bay near Seadrift	14950	SAN ANTONIO BAY AT PUBLIC SEAWALL IN SEADRIFT BUSINESS DISTRICT AT THIRD STREET
Remainder of bay	13397	SAN ANTONIO BAY INCLUDING HYNES BAY AND GUADALUPE BAY INTRACOASTAL CANAL AT BUOY C-17
Remainder of bay	14737	SAN ANTONIO BAY AT INTERSECTION OF THE SEADRIFT CHANNEL AND VICTORIA BARGE CANAL
Remainder of bay	14738	SAN ANTONIO BAY AT MOSQUITO POINT
Remainder of bay	14739	SAN ANTONIO BAY BETWEEN ICWW MARKERS 4 AND 5
Remainder of bay	14740	SAN ANTONIO BAY 600 YDS. WEST OF SOUTH PASS ISLAND CHANNEL
Remainder of bay	14741	SAN ANTONIO BAY 800 YDS. NORTH OF PANTHER POINT
Remainder of bay	14742	SAN ANTONIO BAY AT NEAR RATTLESNAKE ISLAND BETWEEN ICWW MARKERS 57 AND 2\ t

Monitoring sites used:		
Assessment Area	Station ID	Station Description
Remainder of bay	14747	SAN ANTONIO BAY 100 YDS. EAST OF MCDOWELL POINT
Remainder of bay	14749	HYNES BAY 400 YDS. EAST OF AUSTWELL
Remainder of bay	14751	SAN ANTONIO BAY 800 YDS. SE OF MARSH POINT
Remainder of bay	14752	SAN ANTONIO BAY 100 YDS. SW OF VICTORIA BARGE CM 23
Remainder of bay	14753	SAN ANTONIO BAY 200 YDS. SOUTH OF GRASSY POINT
Remainder of bay	14754	HYNES BAY 1 1/4 MI. NORTH OF AUSTWELL
Remainder of bay	14755	SAN ANTONIO BAY 1 MI. EAST OF MCDOWELL POINT
Remainder of bay	14882	SAN ANTONIO BAY 1/2 MI. EAST OF WEBB POINT
Remainder of bay	14891	SAN ANTONIO BAY IN SEADRIFT HARBOR
San Antonio Bay near Austwell	14956	SAN ANTONIO BAY INCLUDING HYNES BAY AT AUSTWELL AT TEXAS PARKS AND WILDLIFE PUBLIC BOAT RAMP

Published studies:		
Publication	Date	Author
R 88-02 San Antonio-Matagorda	Oct. 1988	Region 14

Historical fish kills:			
Date	Location	Fish Killed	Suspected Cause
5/17/1996	Swan Point, San Antonio Bay	4000	Low Dissolved Oxygen
5/28/1996	Hynes Bay, along the City of Austwell shoreline	10000	Disease