

Tres Palacios Bay/Turtle Bay

Segment: 2452 Bays and Estuaries

Basin number: 24
Basin group: E
Water body classification: Classified
Water body type: Estuary
Water body length / area: 14.7 Sq. miles
Water body uses: Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use, Oyster Waters Use

Standards Not Met in 2002				
Assessment Area	Use	Support Status	Parameter	Category
7.2 square miles - upper half Tres Palacios Bay and Turtle Bay	Oyster Waters Use	Not Supporting	bacteria (oyster waters)	5a

Standards Not Met and Concerns in Previous Years				
Assessment Area	Use	Support Status or Concern	Parameter	Category
Palacios area	Aquatic Life Use	Partially Supporting	depressed dissolved oxygen	5c

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

This segment was identified on the 2000 303(d) List as partially supporting the aquatic life use due to depressed dissolved oxygen. Because an insufficient number of 24-hour dissolved oxygen values were available in 2002 to determine if the criterion is supported, this segment will be identified as not meeting the standard for dissolved oxygen until sufficient 24-hour measurements are available to demonstrate support of the criterion.

2002 Concerns:			
Assessment Area	Use or Concern	Concern Status	Description of Concern
7.5 square miles in lower half of bay	Oyster Waters Use	Use Concern	bacteria (oyster waters)
Palacios area	Aquatic Life Use	Use Concern	depressed dissolved oxygen
Palacios area	Nutrient Enrichment Concern	Concern	ammonia

Monitoring sites used:		
Assessment Area	Station ID	Station Description
Mouth of bay	14685	TRES PALACIOS BAY AT ENTRANCE TO OYSTER LAKE

Monitoring sites used:		
Assessment Area	Station ID	Station Description
Mouth of bay	14686	TRES PALACIOS BAY AT LIGHTED PILING 1.4 MI. SOUTH OF OLIVER POINT
Oliver Point to Coon Island Bay	13381	TRES PALACIOS BAY PALACIOS CM #38
Oliver Point to Coon Island Bay	14684	TRES PALACIOS BAY AT COON ISLAND
Oliver Point to Coon Island Bay	14688	TRES PALACIOS BAY 600 YARDS OFFSHORE FROM CAMP HULEN
Oliver Point to Coon Island Bay	14690	TRES PALACIOS BAY AT PALACIOS CM 44
Oliver Point to Coon Island Bay	14691	TRES PALACIOS BAY 1,500 YDS. EAST OF PALACIOS CM 44
Palacios area	13382	TRES PALACIOS BAY AT PALACIOS HARBOR
Palacios area	14682	TRES PALACIOS BAY 300 YDS. SOUTH OF THE BAPTIST ENCAMPMENT
Palacios area	14683	TRES PALACIOS BAY AT MOUTH OF COVE ON WEST SIDE OF TRES PALACIOS BAY
Palacios area	14689	TRES PALACIOS BAY 200 YDS. OFFSHORE FROM CREEK ENTRANCE OF STP
Palacios area	14693	TRES PALACIOS BAY AT PALACIOS TURNING BASIN
Turtle Bay	14687	TRES PALACIOS BAY 200 YDS. SE OF TURTLE POINT
Turtle Bay	14694	TURTLE BAY MID BAY
Turtle Bay	14695	TURTLE BAY AT MOUTH
Upper end of Tres Palacios Bay	14680	TRES PALACIOS BAY WEST OF PILKINGTON BAYOU

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

Historical fish kills:			
Date	Location	Fish Killed	Suspected Cause
5/18/1998	Palacios City Harbor	1200000	Low Dissolved Oxygen