

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 (OW) | 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 (OW) | 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 |