

## Copano Bay/Port Bay/Mission Bay

Segment: 2472 Bays and Estuaries

**Basin number:** 24  
**Basin group:** E  
**Water body classification:** Classified  
**Water body type:** Estuary  
**Water body length / area:** 65.2 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 |
| Area along southern shore including Port Bay, area near Bayside (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.

| 2002 Concerns:                     |                             |                |                            |
|------------------------------------|-----------------------------|----------------|----------------------------|
| Assessment Area                    | Use or Concern              | Concern Status | Description of Concern     |
| Area near FM 136, south of Bayside | Nutrient Enrichment Concern | Concern        | total phosphorus           |
| Area near FM 188, west of Rockport | Aquatic Life Use            | Use Concern    | depressed dissolved oxygen |

| Monitoring sites used:             |            |   |
|------------------------------------|------------|---|
| Assessment Area                    | Station ID | Station Description                                   |
| Area east of Bayside               | 14783      | COPANO BAY 1 MI. EAST OF BAYSIDE                      |
| Area near FM 136, south of Bayside | 12945      | COPANO BAY AT FM 136 BRIDGE SOUTH OF BAYSIDE          |
| Area near FM 188, west of Rockport | 13405      | PORT BAY AT FM 188 WEST OF ROCKPORT                   |
| Area near SH 35                    | 13404      | COPANO BAY WEST SIDE OF FISHING PIER, ALONGSIDE SH 35 |
| Remainder of bay                   | 14779      | COPANO BAY AT SOUTH END OF CAUSEWAY                   |
| Remainder of bay                   | 14780      | COPANO BAY OFF NORTH END OF PIER REEF                 |
| Remainder of bay                   | 14781      | COPANO BAY AT REDFISH POINT                           |
| Remainder of bay                   | 14782      | COPANO BAY 800 YDS. NE OF SALT LAKE                   |
| Remainder of bay                   | 14784      | COPANO BAY AT END OF SHELL BANK REEF                  |
| Remainder of bay                   | 14785      | COPANO BAY 1 1/2 MI. NW OF THE CAUSEWAY               |
| Remainder of bay                   | 14786      | COPANO BAY 1 MI. WEST OF RATTLESNAKE POINT            |
| Remainder of bay                   | 14787      | COPANO BAY 1 1/4 MI. SE BAYSIDE                       |
| Remainder of bay                   | 14788      | COPANO BAY 1/2 MI. SOUTH OF BAYSIDE                   |
| Remainder of bay                   | 14790      | COPANO BAY 400 YDS. NORTH OF LONE TREE POINT          |

| <b>Monitoring sites used:</b> |                   |   |
|-------------------------------|-------------------|---|
| <b>Assessment Area</b>        | <b>Station ID</b> | <b>Station Description</b>                |
| Remainder of bay              | 14792             | COPANO BAY 800 YDS. SE OF TURTLE POINT    |
| Remainder of bay              | 14793             | COPANO BAY 300 YDS. WEST OF PALMETO POINT |
| Remainder of bay              | 14797             | MISSION BAY SOUTH SIDE OF BAY             |

| <b>Historical fish kills:</b> |   |                    |                        |
|-------------------------------|---|--------------------|------------------------|
| <b>Date</b>                   | <b>Location</b>   | <b>Fish Killed</b> | <b>Suspected Cause</b> |
| 6/4/1996                      | Copano Bay, Holiday Beach Canals, 195 Sailfish Lane                                 | 10000              | Low Dissolved Oxygen   |
| 6/12/1996                     | Copano Bay, Holiday Beach canals  | 6003000            | Low Dissolved Oxygen   |
| 5/29/1997                     | From Goose Island S to Cove Harbor, mouth of Mission Bay in Copano E to Aransas Bay | 1000               | Disease                |