

Matagorda Bay/Powderhorn Lake

Segment: 2451 Bays and Estuaries

Basin number: 24
Basin group: E
Water body classification: Classified
Water body type: Estuary
Water body length / area: 261.7 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
21.7 square miles at the east end of the 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
East half of main bay	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.

2004 Concerns: Assessment Area	Use or Concern	Concern Status	Description of Concern
60 square miles in the eastern portion of the bay (OW)	Oyster Waters Use	Use Concern	bacteria (oyster waters)

Monitoring sites used: Assessment Area	Station ID	Station Description
East half of main bay	13377	MATAGORDA BAY AT PALACIOS CM 16
East half of main bay	14670	MATAGORDA BAY 800 YDS. SOUTH OF THE MOUTH OF CARANCAHUA BAY

Monitoring sites used:		
Assessment Area	Station ID	Station Description
East half of main bay	14671	MATAGORDA BAY 300 YDS. SOUTH OF WELL POINT
East half of main bay	14672	MATAGORDA BAY IN PALACIOS CHANNEL BETWEEN CM 28 AND 30
Northeast area of bay	13380	MATAGORDA BAY EAST ARM ABOUT 6 MI. SE OF MATAGORDA, SAME AS COASTAL DATA SYSTEM: LINE 333 SITE 03
Northeast area of bay	14407	MATAGORDA BAY AT MAD ISLAND REEF
Northeast area of bay	14673	MATAGORDA BAY AT PALACIOS POINT
Northeast area of bay	14674	MATAGORDA BAY AT ICWW CM 5
Northeast area of bay	14675	MATAGORDA BAY 800 YDS. SE OF MAD ISLAND REEF
Northeast area of bay	14677	MATAGORDA BAY AT DOG ISLAND REEF
Northeast area of bay	14678	MATAGORDA BAY 1,200 YDS. WEST OF DOG ISLAND REEF
Northeast area of bay	14679	MATAGORDA BAY SSE OF SHELL ISLAND REEF
Powderhorn Lake	14726	POWDERHORN LAKE 0.65KM SOUTH OF MATAGORDA BAY MOUTH
Powderhorn Lake	14727	POWDERHORN LAKE 2.0KM WEST OF MATAGORDA BAY MOUTH
Powderhorn Lake	14728	POWDERHORN LAKE 3.0KM SW OF MATAGORDA BAY MOUGH
Powderhorn Lake	14729	POWDERHORN LAKE 2.0KM SW OF MATAGORDA BAY MOUTH
Powderhorn Lake	14952	POWDERHORN LAKE AT INDIANOLA SHRIMP FLEET HARBOR
Powderhorn Lake	16847	POWDERHORN LAKE MID-LAKE, 4.25KM EAST OF FM1289 AND 6.5KM NORTH OF SH185
Powderhorn Lake	17098	POWDERHORN LAKE NEAR THE MOUTH OF COLOMA CREEK, .5MI NE OF FM1289
West half of main bay	13379	MATAGORDA BAY AT MATAGORDA SHIP CM 21 AT ICWW
West half of main bay	14725	POWDERHORN LAKE AT MOUTH\
West half of main bay	14743	MATAGORDA BAY AT DEVROWS POINT IN PASS CAVALLO
West half of main bay	14953	MATAGORDA BAY AT PUBLIC PIER ON PARK DRIVE IN PORT O'CONNOR
West half of main bay	14954	MATAGORDA BAY AT INDIANOLA AT FISHING PIER, 2.5 KM NW OF JIMS FISHING CENTER
West half of main bay	17096	MATAGORDA BAY, 0.4KM NE OF THE MOUTH OF POWDERHORN LAKE

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