

Segment ID: 2472 Water body name: Copano Bay/Port Bay/Mission Bay

Estuary Bays and Estuaries Total size: 65.2 Sq. miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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Aquatic Life Use

2002	Dissolved Oxygen grab average	Not Assessed	Area east of Bayside	4	8	0	
2002	Dissolved Oxygen grab average	No Concern	Area near FM 136, south of Bayside	4	18	0	
2002	Dissolved Oxygen grab average	Use Concern	Area near FM 188, west of Rockport	8	17	3	
2002	Dissolved Oxygen grab average	No Concern	Area near SH 35	8	17	1	
2002	Dissolved Oxygen grab minimum	No Concern-Limited Data	Area east of Bayside	4	8	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Area near FM 136, south of Bayside	4	18	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Area near FM 188, west of Rockport	8	17	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Area near SH 35	8	17	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Area east of Bayside	4	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Area near FM 136, south of Bayside	4	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Area near FM 188, west of Rockport	8	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Area near SH 35	8	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Area east of Bayside	4	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Area near FM 136, south of Bayside	4	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Area near FM 188, west of Rockport	8	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Area near SH 35	8	0		
2002	Overall Aquatic Life Use	Not Assessed	Area east of Bayside	4			
2002	Overall Aquatic Life Use	Fully Supporting	Area near FM 136, south of Bayside	4			
2002	Overall Aquatic Life Use	Fully Supporting	Area near FM 188, west of Rockport	8			
2002	Overall Aquatic Life Use	Fully Supporting	Area near SH 35	8			
2002	Overall Aquatic Life Use	Not Assessed	Remainder of bay	41.2			

Contact Recreation Use

2002	Enterococci single sample	Not Assessed	Area east of Bayside	4	0		
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Contact Recreation Use (continued)

2002	Enterococci single sample	No Concern-Limited Data	Area near FM 136, south of Bayside	4	6	0	
2002	Enterococci single sample	Not Assessed	Area near FM 188, west of Rockport	8	6	1	
2002	Enterococci single sample	No Concern-Limited Data	Area near SH 35	8	6	0	
2002	Enterococci single sample	Not Assessed	Remainder of bay	41.2	0		
2002	Enterococci geometric mean	Not Assessed	Area east of Bayside	4	0		
2002	Enterococci geometric mean	No Concern-Limited Data	Area near FM 136, south of Bayside	4	6		10
2002	Enterococci geometric mean	Not Assessed	Area near FM 188, west of Rockport	8	6		14
2002	Enterococci geometric mean	No Concern-Limited Data	Area near SH 35	8	6		3
2002	Enterococci geometric mean	Not Assessed	Remainder of bay	41.2	0		
2002	Fecal coliform single sample	Fully Supporting	Area east of Bayside	4	41	0	
2002	Fecal coliform single sample	Fully Supporting	Area near FM 136, south of Bayside	4	11	0	
2002	Fecal coliform single sample	Fully Supporting	Area near FM 188, west of Rockport	8	11	0	
2002	Fecal coliform single sample	Fully Supporting	Area near SH 35	8	45	0	
2002	Fecal coliform single sample	Fully Supporting	Remainder of bay	41.2	472	3	
2002	Fecal coliform geometric mean	Fully Supporting	Area east of Bayside	4	41		4
2002	Fecal coliform geometric mean	Fully Supporting	Area near FM 136, south of Bayside	4	11		6
2002	Fecal coliform geometric mean	Fully Supporting	Area near FM 188, west of Rockport	8	11		12
2002	Fecal coliform geometric mean	Fully Supporting	Area near SH 35	8	45		3
2002	Fecal coliform geometric mean	Fully Supporting	Remainder of bay	41.2	472		4
2002	Overall Recreation Use	Fully Supporting	Area east of Bayside	4			
2002	Overall Recreation Use	Fully Supporting	Area near FM 136, south of Bayside	4			

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Contact Recreation Use (continued)

2002	Overall Recreation Use	Fully Supporting	Area near FM 188, west of Rockport	8				
2002	Overall Recreation Use	Fully Supporting	Area near SH 35	8				
2002	Overall Recreation Use	Fully Supporting	Remainder of bay	41.2				

General Use

2002	Water Temperature	No Concern-Limited Data	Area east of Bayside	4	8	0		
2002	Water Temperature	Fully Supporting	Area near FM 136, south of Bayside	4	18	0		
2002	Water Temperature	Fully Supporting	Area near FM 188, west of Rockport	8	18	0		
2002	Water Temperature	Fully Supporting	Area near SH 35	8	18	0		
2002	pH	No Concern-Limited Data	Area east of Bayside	4	8	0		
2002	pH	Fully Supporting	Area near FM 136, south of Bayside	4	18	0		
2002	pH	Fully Supporting	Area near FM 188, west of Rockport	8	18	0		
2002	pH	Fully Supporting	Area near SH 35	8	18	0		
2002	Overall General Use	Not Assessed	Area east of Bayside	4				
2002	Overall General Use	Fully Supporting	Area near FM 136, south of Bayside	4				
2002	Overall General Use	Fully Supporting	Area near FM 188, west of Rockport	8				
2002	Overall General Use	Fully Supporting	Area near SH 35	8				
2002	Overall General Use	Not Assessed	Remainder of bay	41.2				

Fish Consumption Use

2002	Overall Fish Consumption Use	Not Assessed	Area east of Bayside	4				
2002	Overall Fish Consumption Use	Not Assessed	Area near FM 136, south of Bayside	4				
2002	Overall Fish Consumption Use	Not Assessed	Area near FM 188, west of Rockport	8				
2002	Overall Fish Consumption Use	Not Assessed	Area near SH 35	8				

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Fish Consumption Use (continued)

2002	Overall Fish Consumption Use	Not Assessed	Remainder of bay	41.2				
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Oyster Waters Use

2002	TDH Maps	Not Supporting	Area along southern shore including Port Bay, area near Bayside (OW)	13.4				
2002	TDH Maps	Fully Supporting	Main portion of Copano Bay (OW)	51.8				

Overall Use Support

2002		Not Supporting	Area along southern shore including Port Bay, area near Bayside (OW)	13.4				
2002		Fully Supporting	Main portion of Copano Bay (OW)	51.8				

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	Area east of Bayside	4	10	0		
2002	Ammonia Nitrogen	No Concern	Area near FM 136, south of Bayside	4	19	1		
2002	Ammonia Nitrogen	No Concern	Area near FM 188, west of Rockport	8	19	0		
2002	Ammonia Nitrogen	No Concern	Area near SH 35	8	18	2		
2002	Nitrite + Nitrate Nitrogen	No Concern	Area east of Bayside	4	10	2		
2002	Nitrite + Nitrate Nitrogen	No Concern	Area near FM 136, south of Bayside	4	17	1		
2002	Nitrite + Nitrate Nitrogen	No Concern	Area near FM 188, west of Rockport	8	19	1		
2002	Nitrite + Nitrate Nitrogen	No Concern	Area near SH 35	8	14	0		
2002	Orthophosphorus	No Concern	Area east of Bayside	4	10	1		
2002	Orthophosphorus	No Concern	Area near FM 136, south of Bayside	4	16	2		
2002	Orthophosphorus	No Concern	Area near FM 188, west of Rockport	8	14	0		
2002	Orthophosphorus	No Concern	Area near SH 35	8	16	1		
2002	Total Phosphorus	No Concern	Area east of Bayside	4	10	2		

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Nutrient Enrichment Concern (continued)

2002	Total Phosphorus	Concern	Area near FM 136, south of Bayside	4	17	6	
2002	Total Phosphorus	No Concern	Area near FM 188, west of Rockport	8	16	0	
2002	Total Phosphorus	No Concern	Area near SH 35	8	18	0	
2002	Overall Nutrient Enrichment Concerns	No Concern	Area east of Bayside	4			
2002	Overall Nutrient Enrichment Concerns	Concern	Area near FM 136, south of Bayside	4			
2002	Overall Nutrient Enrichment Concerns	No Concern	Area near FM 188, west of Rockport	8			
2002	Overall Nutrient Enrichment Concerns	No Concern	Area near SH 35	8			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Remainder of bay	41.2			

Algal Growth Concern

2002	Chlorophyll a	No Concern	Area east of Bayside	4	10	0	
2002	Chlorophyll a	No Concern	Area near FM 136, south of Bayside	4	16	1	
2002	Chlorophyll a	No Concern	Area near FM 188, west of Rockport	8	16	0	
2002	Chlorophyll a	No Concern	Area near SH 35	8	16	0	
2002	Chlorophyll a	Not Assessed	Remainder of bay	41.2			

Sediment Contaminants Concern

2002	85% Metals in sediment Barium	Not Assessed	Area east of Bayside	4	1	1	
2002	85% Metals in sediment Chromium	Not Assessed	Area east of Bayside	4	1	1	
2002	85% Metals in sediment Lead	Not Assessed	Area east of Bayside	4	1	1	
2002	85% Metals in sediment Metals	Not Assessed	Area east of Bayside	4	1	0	

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Sediment Contaminants Concern (continued)

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
2002	Overall Sediment Contaminant Concerns	Not Assessed	Area east of Bayside	4			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Area near FM 136, south of Bayside	4			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Area near FM 188, west of Rockport	8			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Area near SH 35	8			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Remainder of bay	41.2			

Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Area east of Bayside	4			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Area near FM 136, south of Bayside	4			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Area near FM 188, west of Rockport	8			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Area near SH 35	8			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Remainder of bay	41.2			

Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	Area east of Bayside	4			
2002	Overall Narrative Criteria Concerns	No Concern	Area near FM 136, south of Bayside	4			
2002	Overall Narrative Criteria Concerns	No Concern	Area near FM 188, west of Rockport	8			

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Narrative Criteria Concern (continued)

2002	Overall Narrative Criteria Concerns	No Concern	Area near SH 35	8			
2002	Overall Narrative Criteria Concerns	No Concern	Remainder of bay	41.2			

Overall Secondary Concern

2002		No Concern	Area east of Bayside	4			
2002		Concern	Area near FM 136, south of Bayside	4			
2002		No Concern	Area near FM 188, west of Rockport	8			
2002		No Concern	Area near SH 35	8			
2002		No Concern	Remainder of bay	41.2			