

**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

**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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**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	13.4			
2002	TDH Maps	Fully Supporting	Main portion of Copano Bay	51.8			

**Overall Use Support**

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

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



