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

Estuary | Bays and Estuaries | Total size: 65.2 Sq. miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Aquatic Life Use						
Dissolved Oxygen grab average	Not Assessed	Area east of Bayside	4	8	0	
Dissolved Oxygen grab average	No Concern	Area near FM 136, south of Bayside	4	18	0	
Dissolved Oxygen grab average	Use Concern	Area near FM 188, west of Rockport	8	17	3	
Dissolved Oxygen grab average	No Concern	Area near SH 35	8	17	1	
Dissolved Oxygen grab minimum	No Concern-Limited Data	Area east of Bayside	4	8	0	
Dissolved Oxygen grab minimum	Fully Supporting	Area near FM 136, south of Bayside	4	18	0	
Dissolved Oxygen grab minimum	Fully Supporting	Area near FM 188, west of Rockport	8	17	0	
Dissolved Oxygen grab minimum	Fully Supporting	Area near SH 35	8	17	0	
Dissolved Oxygen 24hr average	Not Assessed	Area east of Bayside	4	0		
Dissolved Oxygen 24hr average	Not Assessed	Area near FM 136, south of Bayside	4	0		
Dissolved Oxygen 24hr average	Not Assessed	Area near FM 188, west of Rockport	8	0		
Dissolved Oxygen 24hr average	Not Assessed	Area near SH 35	8	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Area east of Bayside	4	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Area near FM 136, south of Bayside	4	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Area near FM 188, west of Rockport	8	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Area near SH 35	8	0		
Overall Aquatic Life Use	Not Assessed	Area east of Bayside	4			
Overall Aquatic Life Use	Fully Supporting	Area near FM 136, south of Bayside	4			
Overall Aquatic Life Use	Fully Supporting	Area near FM 188, west of Rockport	8			
Overall Aquatic Life Use	Fully Supporting	Area near SH 35	8			
Overall Aquatic Life Use	Not Assessed	Remainder of bay	41.2			
Contact Recreation Use						
Enterococci single sample	Not Assessed	Area east of Bayside	4	0		
Enterococci single sample	No Concern-Limited Data	Area near FM 136, south of Bayside	4	6	0	

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Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Contact Recreation Use (continued)						
Enterococci single sample	Not Assessed	Area near FM 188, west of Rockport	8	6	1	
Enterococci single sample	No Concern-Limited Data	Area near SH 35	8	6	0	
Enterococci single sample	Not Assessed	Remainder of bay	41.2	0		
Enterococci geometric mean	Not Assessed	Area east of Bayside	4	0		
Enterococci geometric mean	No Concern-Limited Data	Area near FM 136, south of Bayside	4	6		10
Enterococci geometric mean	Not Assessed	Area near FM 188, west of Rockport	8	6		14
Enterococci geometric mean	No Concern-Limited Data	Area near SH 35	8	6		3
Enterococci geometric mean	Not Assessed	Remainder of bay	41.2	0		
Fecal coliform single sample	Fully Supporting	Area east of Bayside	4	41	0	
Fecal coliform single sample	Fully Supporting	Area near FM 136, south of Bayside	4	11	0	
Fecal coliform single sample	Fully Supporting	Area near FM 188, west of Rockport	8	11	0	
Fecal coliform single sample	Fully Supporting	Area near SH 35	8	45	0	
Fecal coliform single sample	Fully Supporting	Remainder of bay	41.2	472	3	
Fecal coliform geometric mean	Fully Supporting	Area east of Bayside	4	41		4
Fecal coliform geometric mean	Fully Supporting	Area near FM 136, south of Bayside	4	11		6
Fecal coliform geometric mean	Fully Supporting	Area near FM 188, west of Rockport	8	11		12
Fecal coliform geometric mean	Fully Supporting	Area near SH 35	8	45		3
Fecal coliform geometric mean	Fully Supporting	Remainder of bay	41.2	472		4
Overall Recreation Use	Fully Supporting	Area east of Bayside	4			
Overall Recreation Use	Fully Supporting	Area near FM 136, south of Bayside	4			
Overall Recreation Use	Fully Supporting	Area near FM 188, west of Rockport	8			
Overall Recreation Use	Fully Supporting	Area near SH 35	8			
Overall Recreation Use	Fully Supporting	Remainder of bay	41.2			

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Estuary | Bays and Estuaries | Total size: | 65.2 | Sq. miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
General Use						
Water Temperature	No Concern-Limited Data	Area east of Bayside	4	8	0	
Water Temperature	Fully Supporting	Area near FM 136, south of Bayside	4	18	0	
Water Temperature	Fully Supporting	Area near FM 188, west of Rockport	8	18	0	
Water Temperature	Fully Supporting	Area near SH 35	8	18	0	
pH	No Concern-Limited Data	Area east of Bayside	4	8	0	
pH	Fully Supporting	Area near FM 136, south of Bayside	4	18	0	
pH	Fully Supporting	Area near FM 188, west of Rockport	8	18	0	
pH	Fully Supporting	Area near SH 35	8	18	0	
Overall General Use	Not Assessed	Area east of Bayside	4			
Overall General Use	Fully Supporting	Area near FM 136, south of Bayside	4			
Overall General Use	Fully Supporting	Area near FM 188, west of Rockport	8			
Overall General Use	Fully Supporting	Area near SH 35	8			
Overall General Use	Not Assessed	Remainder of bay	41.2			
Fish Consumption Use						
Overall Fish Consumption Use	Not Assessed	Area east of Bayside	4			
Overall Fish Consumption Use	Not Assessed	Area near FM 136, south of Bayside	4			
Overall Fish Consumption Use	Not Assessed	Area near FM 188, west of Rockport	8			
Overall Fish Consumption Use	Not Assessed	Area near SH 35	8			
Overall Fish Consumption Use	Not Assessed	Remainder of bay	41.2			
Oyster Waters Use						
TDH Maps	Not Supporting	Area along southern shore including Port Bay, area near Bayside	13.4			
TDH Maps	Fully Supporting	Main portion of Copano Bay	51.8			

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Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Overall Use Support						
	Not Supporting	Area along southern shore including Port Bay, area near Bayside	13.4			
	Fully Supporting	Main portion of Copano Bay	51.8			
Nutrient Enrichment Concern						
Ammonia Nitrogen	No Concern	Area east of Bayside	4	10	0	
Ammonia Nitrogen	No Concern	Area near FM 136, south of Bayside	4	19	1	
Ammonia Nitrogen	No Concern	Area near FM 188, west of Rockport	8	19	0	
Ammonia Nitrogen	No Concern	Area near SH 35	8	18	2	
Nitrite + Nitrate Nitrogen	No Concern	Area east of Bayside	4	10	2	
Nitrite + Nitrate Nitrogen	No Concern	Area near FM 136, south of Bayside	4	17	1	
Nitrite + Nitrate Nitrogen	No Concern	Area near FM 188, west of Rockport	8	19	1	
Nitrite + Nitrate Nitrogen	No Concern	Area near SH 35	8	14	0	
Orthophosphorus	No Concern	Area east of Bayside	4	10	1	
Orthophosphorus	No Concern	Area near FM 136, south of Bayside	4	16	2	
Orthophosphorus	No Concern	Area near FM 188, west of Rockport	8	14	0	
Orthophosphorus	No Concern	Area near SH 35	8	16	1	
Total Phosphorus	No Concern	Area east of Bayside	4	10	2	
Total Phosphorus	Concern	Area near FM 136, south of Bayside	4	17	6	
Total Phosphorus	No Concern	Area near FM 188, west of Rockport	8	16	0	
Total Phosphorus	No Concern	Area near SH 35	8	18	0	
Overall Nutrient Enrichment Concerns	No Concern	Area east of Bayside	4			
Overall Nutrient Enrichment Concerns	Concern	Area near FM 136, south of Bayside	4			
Overall Nutrient Enrichment Concerns	No Concern	Area near FM 188, west of Rockport	8			
Overall Nutrient Enrichment Concerns	No Concern	Area near SH 35	8			

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Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Nutrient Enrichment Concern (continued)						
Overall Nutrient Enrichment Concerns	Not Assessed	Remainder of bay	41.2			
Algal Growth Concern						
Chlorophyll a	No Concern	Area east of Bayside	4	10	0	
Chlorophyll a	No Concern	Area near FM 136, south of Bayside	4	16	1	
Chlorophyll a	No Concern	Area near FM 188, west of Rockport	8	16	0	
Chlorophyll a	No Concern	Area near SH 35	8	16	0	
Chlorophyll a	Not Assessed	Remainder of bay	41.2			
Sediment Contaminants Concern						
85% Metals in sediment Barium	Not Assessed	Area east of Bayside	4	1	1	
85% Metals in sediment Chromium	Not Assessed	Area east of Bayside	4	1	1	
85% Metals in sediment Lead	Not Assessed	Area east of Bayside	4	1	1	
85% Metals in sediment Metals	Not Assessed	Area east of Bayside	4	1	0	
Overall Sediment Contaminant Concerns	Not Assessed	Area east of Bayside	4			
Overall Sediment Contaminant Concerns	Not Assessed	Area near FM 136, south of Bayside	4			
Overall Sediment Contaminant Concerns	Not Assessed	Area near FM 188, west of Rockport	8			
Overall Sediment Contaminant Concerns	Not Assessed	Area near SH 35	8			
Overall Sediment Contaminant Concerns	Not Assessed	Remainder of bay	41.2			
Fish Tissue Contaminants Concern						
Overall Fish Tissue Contaminant Concerns	Not Assessed	Area east of Bayside	4			

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Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Fish Tissue Contaminants Concern (continued)						
Overall Fish Tissue Contaminant Concerns	Not Assessed	Area near FM 136, south of Bayside	4			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Area near FM 188, west of Rockport	8			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Area near SH 35	8			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Remainder of bay	41.2			
Narrative Criteria Concern						
Overall Narrative Criteria Concerns	No Concern	Area east of Bayside	4			
Overall Narrative Criteria Concerns	No Concern	Area near FM 136, south of Bayside	4			
Overall Narrative Criteria Concerns	No Concern	Area near FM 188, west of Rockport	8			
Overall Narrative Criteria Concerns	No Concern	Area near SH 35	8			
Overall Narrative Criteria Concerns	No Concern	Remainder of bay	41.2			
Overall Secondary Concern						
	No Concern	Area east of Bayside	4			
	Concern	Area near FM 136, south of Bayside	4			
	No Concern	Area near FM 188, west of Rockport	8			
	No Concern	Area near SH 35	8			
	No Concern	Remainder of bay	41.2			