

Segment ID: 2481 **Water body name: Corpus Christi Bay**

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 (continued)

Estuary	Bays and Estuaries	Total size:	123.1	Sq. miles			
2002	Acute Metals in water	Not Assessed	La Quinta Channel, near channel marker 16	8	1	0	
2002	Acute Metals in water	Fully Supporting	Mid-bay, north near channel marker 62	8	10	0	
2002	Acute Metals in water	No Concern-Limited Data	Near Shamrock Cove	8	8	0	
2002	Acute Metals in water	No Concern-Limited Data	Off Doddridge Rd.	8	9	0	
2002	Chronic Metals in water	No Concern-Limited Data	Corpus Christi Channel, near channel marker 86	8	8		
2002	Chronic Metals in water	Not Assessed	La Quinta Channel, near channel marker 16	8	1		
2002	Chronic Metals in water	Fully Supporting	Mid-bay, north near channel marker 62	8	10		
2002	Chronic Metals in water	No Concern-Limited Data	Near Shamrock Cove	8	8		
2002	Chronic Metals in water	No Concern-Limited Data	Off Doddridge Rd.	8	9		
2002	Acute Organics in water	Not Assessed	Mid-bay, north near channel marker 62	8	1	0	
2002	Chronic Organics in water	Not Assessed	Mid-bay, north near channel marker 62	8	1		
2002	Overall Aquatic Life Use	Not Assessed	Corpus Christi Channel, near channel marker 86	8			
2002	Overall Aquatic Life Use	Not Assessed	La Quinta Channel, near channel marker 16	8			
2002	Overall Aquatic Life Use	Fully Supporting	Mid-bay, north near channel marker 62	8			
2002	Overall Aquatic Life Use	Not Assessed	Near Shamrock Cove	8			
2002	Overall Aquatic Life Use	Fully Supporting	Off Doddridge Rd.	8			
2002	Overall Aquatic Life Use	Not Assessed	Remainder of bay	83.1			

Contact Recreation Use

2002	Enterococci single sample	Not Assessed	Corpus Christi Channel, near channel marker 86	8	0		
2002	Enterococci single sample	Not Assessed	La Quinta Channel, near channel marker 16	8	0		

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Contact Recreation Use (continued)

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2002	Enterococci single sample	Not Assessed	Mid-bay, north near channel marker 62	8	0		
2002	Enterococci single sample	Not Assessed	Near Shamrock Cove	8	0		
2002	Enterococci single sample	Not Assessed	Off Doddridge Rd.	8	0		
2002	Enterococci single sample	Not Assessed	Remainder of bay	83.1	0		
2002	Enterococci geometric mean	Not Assessed	Corpus Christi Channel, near channel marker 86	8	0		
2002	Enterococci geometric mean	Not Assessed	La Quinta Channel, near channel marker 16	8	0		
2002	Enterococci geometric mean	Not Assessed	Mid-bay, north near channel marker 62	8	0		
2002	Enterococci geometric mean	Not Assessed	Near Shamrock Cove	8	0		
2002	Enterococci geometric mean	Not Assessed	Off Doddridge Rd.	8	0		
2002	Enterococci geometric mean	Not Assessed	Remainder of bay	83.1	0		
2002	Fecal coliform single sample	Fully Supporting	Corpus Christi Channel, near channel marker 86	8	34	0	
2002	Fecal coliform single sample	No Concern-Limited Data	La Quinta Channel, near channel marker 16	8	5	0	
2002	Fecal coliform single sample	Fully Supporting	Mid-bay, north near channel marker 62	8	15	0	
2002	Fecal coliform single sample	Fully Supporting	Near Shamrock Cove	8	39	0	
2002	Fecal coliform single sample	Fully Supporting	Off Doddridge Rd.	8	20	0	
2002	Fecal coliform single sample	Fully Supporting	Remainder of bay	83.1	591	1	
2002	Fecal coliform geometric mean	Fully Supporting	Corpus Christi Channel, near channel marker 86	8	34		4
2002	Fecal coliform geometric mean	No Concern-Limited Data	La Quinta Channel, near channel marker 16	8	5		9
2002	Fecal coliform geometric mean	Fully Supporting	Mid-bay, north near channel marker 62	8	15		1
2002	Fecal coliform geometric mean	Fully Supporting	Near Shamrock Cove	8	39		3
2002	Fecal coliform geometric mean	Fully Supporting	Off Doddridge Rd.	8	20		2
2002	Fecal coliform geometric mean	Fully Supporting	Remainder of bay	83.1	591		3
2002	Overall Recreation Use	Fully Supporting	Corpus Christi Channel, near channel marker 86	8			

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Contact Recreation Use (continued)

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
2002	Overall Recreation Use	Not Assessed	La Quinta Channel, near channel marker 16	8			
2002	Overall Recreation Use	Fully Supporting	Mid-bay, north near channel marker 62	8			
2002	Overall Recreation Use	Fully Supporting	Near Shamrock Cove	8			
2002	Overall Recreation Use	Fully Supporting	Off Doddridge Rd.	8			
2002	Overall Recreation Use	Fully Supporting	Remainder of bay	83.1			

General Use

2002	Water Temperature	No Concern-Limited Data	Corpus Christi Channel, near channel marker 86	8	7	0	
2002	Water Temperature	No Concern-Limited Data	La Quinta Channel, near channel marker 16	8	5	0	
2002	Water Temperature	Fully Supporting	Mid-bay, north near channel marker 62	8	15	0	
2002	Water Temperature	No Concern-Limited Data	Near Shamrock Cove	8	8	0	
2002	Water Temperature	Fully Supporting	Off Doddridge Rd.	8	19	0	
2002	pH	No Concern-Limited Data	Corpus Christi Channel, near channel marker 86	8	7	0	
2002	pH	No Concern-Limited Data	La Quinta Channel, near channel marker 16	8	5	0	
2002	pH	Fully Supporting	Mid-bay, north near channel marker 62	8	15	0	
2002	pH	No Concern-Limited Data	Near Shamrock Cove	8	8	0	
2002	pH	Fully Supporting	Off Doddridge Rd.	8	19	0	
2002	Overall General Use	Not Assessed	Corpus Christi Channel, near channel marker 86	8			
2002	Overall General Use	Not Assessed	La Quinta Channel, near channel marker 16	8			
2002	Overall General Use	Fully Supporting	Mid-bay, north near channel marker 62	8			
2002	Overall General Use	Not Assessed	Near Shamrock Cove	8			

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Overall Use Support (continued)

2002		Fully Supporting	16.0 square miles along shoreline near Corpus Christi and Portland	16			
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Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	Corpus Christi Channel, near channel marker 86	8	11	1	
2002	Ammonia Nitrogen	Not Assessed	La Quinta Channel, near channel marker 16	8	6	0	
2002	Ammonia Nitrogen	No Concern	Mid-bay, north near channel marker 62	8	21	0	
2002	Ammonia Nitrogen	No Concern	Near Shamrock Cove	8	16	0	
2002	Ammonia Nitrogen	No Concern	Off Doddridge Rd.	8	16	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Corpus Christi Channel, near channel marker 86	8	10	1	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	La Quinta Channel, near channel marker 16	8	6	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Mid-bay, north near channel marker 62	8	19	1	
2002	Nitrite + Nitrate Nitrogen	No Concern	Near Shamrock Cove	8	16	1	
2002	Nitrite + Nitrate Nitrogen	No Concern	Off Doddridge Rd.	8	15	1	
2002	Orthophosphorus	Not Assessed	Corpus Christi Channel, near channel marker 86	8	9	0	
2002	Orthophosphorus	Not Assessed	La Quinta Channel, near channel marker 16	8	6	0	
2002	Orthophosphorus	No Concern	Mid-bay, north near channel marker 62	8	17	0	
2002	Orthophosphorus	No Concern	Near Shamrock Cove	8	17	0	
2002	Orthophosphorus	No Concern	Off Doddridge Rd.	8	13	1	
2002	Total Phosphorus	No Concern	Corpus Christi Channel, near channel marker 86	8	11	0	
2002	Total Phosphorus	Not Assessed	La Quinta Channel, near channel marker 16	8	6	0	
2002	Total Phosphorus	No Concern	Mid-bay, north near channel marker 62	8	19	0	
2002	Total Phosphorus	No Concern	Near Shamrock Cove	8	16	0	
2002	Total Phosphorus	No Concern	Off Doddridge Rd.	8	14	0	

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Nutrient Enrichment Concern (continued)

2002	Overall Nutrient Enrichment Concerns	No Concern	Corpus Christi Channel, near channel marker 86	8			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	La Quinta Channel, near channel marker 16	8			
2002	Overall Nutrient Enrichment Concerns	No Concern	Mid-bay, north near channel marker 62	8			
2002	Overall Nutrient Enrichment Concerns	No Concern	Near Shamrock Cove	8			
2002	Overall Nutrient Enrichment Concerns	No Concern	Off Doddridge Rd.	8			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Remainder of bay	83.1			

Algal Growth Concern

2002	Chlorophyll a	No Concern	Corpus Christi Channel, near channel marker 86	8	11	0	
2002	Chlorophyll a	Not Assessed	La Quinta Channel, near channel marker 16	8	6	0	
2002	Chlorophyll a	No Concern	Mid-bay, north near channel marker 62	8	21	0	
2002	Chlorophyll a	No Concern	Near Shamrock Cove	8	17	3	
2002	Chlorophyll a	No Concern	Off Doddridge Rd.	8	16	0	
2002	Chlorophyll a	Not Assessed	Remainder of bay	83.1			

Sediment Contaminants Concern

2002	85% Metals in sediment Arsenic	Not Assessed	Corpus Christi Channel, near channel marker 86	8	3	3	
2002	85% Metals in sediment Arsenic	Not Assessed	Mid-bay, north near channel marker 62	8	6	2	
2002	85% Metals in sediment Barium	Not Assessed	Off Doddridge Rd.	8	4	1	
2002	85% Metals in sediment Cadmium	Not Assessed	Mid-bay, north near channel marker 62	8	6	1	
2002	85% Metals in sediment Manganese	Not Assessed	Mid-bay, north near channel marker 62	8	6	1	
2002	85% Metals in sediment Metals	Not Assessed	Corpus Christi Channel, near channel marker 86	8	3	3	

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Sediment Contaminants Concern (continued)

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2002	85% Metals in sediment Metals	Not Assessed	Mid-bay, north near channel marker 62	8	6	0	
2002	85% Metals in sediment Metals	Not Assessed	Off Doddridge Rd.	8	4	0	
2002	85% Metals in sediment Zinc	Not Assessed	Corpus Christi Channel, near channel marker 86	8	3	0	
2002	85% Metals in sediment Zinc	Not Assessed	Mid-bay, north near channel marker 62	8	6	1	
2002	Metals in sediment	Not Assessed	La Quinta Channel, near channel marker 16	8	1		
2002	Metals in sediment	Not Assessed	Near Shamrock Cove	8	2		
2002	85% Organics in sediment Dichloroethane	Not Assessed	Mid-bay, north near channel marker 62	8	2	1	
2002	85% Organics in sediment Organics	Not Assessed	Mid-bay, north near channel marker 62	8	2	0	
2002	Overall Sediment Contaminant Concerns	Not Assessed	Corpus Christi Channel, near channel marker 86	8			
2002	Overall Sediment Contaminant Concerns	Not Assessed	La Quinta Channel, near channel marker 16	8			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Mid-bay, north near channel marker 62	8			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Near Shamrock Cove	8			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Off Doddridge Rd.	8			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Remainder of bay	83.1			

Fish Tissue Contaminants Concern

2002	Metals in fish tissue	Not Assessed	Mid-bay, north near channel marker 62	8	1		
2002	Organics in fish tissue	Not Assessed	Mid-bay, north near channel marker 62	8	1		

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Overall Secondary Concern (continued)

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2002		No Concern	Near Shamrock Cove	8			
2002		No Concern	Off Doddridge Rd.	8			
2002		No Concern	Remainder of bay	83.1			