

Segment ID: 2456 **Water body name: Carancahua Bay**

Estuary		Bays and Estuaries		Total size:	19	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	No Concern	9.2 square miles at the north end of the bay and Carancahua Creek	9.2	14	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	9.2 square miles at the north end of the bay and Carancahua Creek	9.2	14	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	9.2 square miles at the north end of the bay and Carancahua Creek	9.2	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	9.2 square miles at the north end of the bay and Carancahua Creek	9.2	0		
2002	Overall Aquatic Life Use	Fully Supporting	9.2 square miles at the north end of the bay and Carancahua Creek	9.2			
2002	Overall Aquatic Life Use	Not Assessed	Lower half of bay	9.8			
Contact Recreation Use							
2002	Enterococci single sample	Not Assessed	9.2 square miles at the north end of the bay and Carancahua Creek	9.2	0		
2002	Enterococci single sample	Not Assessed	Lower half of bay	9.8	0		
2002	Enterococci geometric mean	Not Assessed	9.2 square miles at the north end of the bay and Carancahua Creek	9.2	0		
2002	Enterococci geometric mean	Not Assessed	Lower half of bay	9.8	0		
2002	Fecal coliform single sample	Fully Supporting	9.2 square miles at the north end of the bay and Carancahua Creek	9.2	119	8	
2002	Fecal coliform single sample	Fully Supporting	Lower half of bay	9.8	142	0	
2002	Fecal coliform geometric mean	Fully Supporting	9.2 square miles at the north end of the bay and Carancahua Creek	9.2	119		13
2002	Fecal coliform geometric mean	Fully Supporting	Lower half of bay	9.8	142		4

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Contact Recreation Use (continued)

2002	Overall Recreation Use	Fully Supporting	9.2 square miles at the north end of the bay and Carancahua Creek	9.2			
2002	Overall Recreation Use	Fully Supporting	Lower half of bay	9.8			

General Use

2002	Water Temperature	Fully Supporting	9.2 square miles at the north end of the bay and Carancahua Creek	9.2	14	0	
2002	pH	Partially Supporting	9.2 square miles at the north end of the bay and Carancahua Creek	9.2	14	3	
2002	Overall General Use	Partially Supporting	9.2 square miles at the north end of the bay and Carancahua Creek	9.2			
2002	Overall General Use	Not Assessed	Lower half of bay	9.8			

Fish Consumption Use

2002	Overall Fish Consumption Use	Not Assessed	9.2 square miles at the north end of the bay and Carancahua Creek	9.2			
2002	Overall Fish Consumption Use	Not Assessed	Lower half of bay	9.8			

Oyster Waters Use

2002	TDH Maps	Not Supporting	9.2 square miles at the north end of the bay and Carancahua Creek	9.2			
2002	TDH Maps	Use Concern	Lower half of bay	9.8			

Overall Use Support

2002		Not Supporting	9.2 square miles at the north end of the bay and Carancahua Creek	9.2			
2002		Fully Supporting	Lower half of bay	9.8			

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Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	9.2 square miles at the north end of the bay and Carancahua Creek	9.2	19	4	
2002	Nitrite + Nitrate Nitrogen	Concern	9.2 square miles at the north end of the bay and Carancahua Creek	9.2	19	8	
2002	Orthophosphorus	No Concern	9.2 square miles at the north end of the bay and Carancahua Creek	9.2	19	4	
2002	Total Phosphorus	Concern	9.2 square miles at the north end of the bay and Carancahua Creek	9.2	19	10	
2002	Overall Nutrient Enrichment Concerns	Concern	9.2 square miles at the north end of the bay and Carancahua Creek	9.2			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Lower half of bay	9.8			

Algal Growth Concern

2002	Chlorophyll a	No Concern	9.2 square miles at the north end of the bay and Carancahua Creek	9.2	19	4	
2002	Chlorophyll a	Not Assessed	Lower half of bay	9.8			

Sediment Contaminants Concern

2002	Overall Sediment Contaminant Concerns	Not Assessed	9.2 square miles at the north end of the bay and Carancahua Creek	9.2			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Lower half of bay	9.8			

Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	9.2 square miles at the north end of the bay and Carancahua Creek	9.2			
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Estuary

Bays and Estuaries

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19

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Fish Tissue Contaminants Concern (continued)

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower half of bay	9.8			
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Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	9.2 square miles at the north end of the bay and Carancahua Creek	9.2			
2002	Overall Narrative Criteria Concerns	No Concern	Lower half of bay	9.8			

Overall Secondary Concern

2002		Concern	9.2 square miles at the north end of the bay and Carancahua Creek	9.2			
2002		No Concern	Lower half of bay	9.8			