

Segment ID: 2454 **Water body name: Cox Bay**

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

Bays and Estuaries

Total size:

2.9

Sq. miles

Aquatic Life Use

2002	Dissolved Oxygen grab average	No Concern	Entire segment	2.9	15	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Entire segment	2.9	15	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Entire segment	2.9	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Entire segment	2.9	0		
2002	Acute Metals in water	No Concern-Limited Data	Entire segment	2.9	4	0	
2002	Chronic Metals in water	No Concern-Limited Data	Entire segment	2.9	4		
2002	Overall Aquatic Life Use	Fully Supporting	Entire segment	2.9			

Contact Recreation Use

2002	Enterococci single sample	Not Assessed	Entire segment	2.9	0		
2002	Enterococci geometric mean	Not Assessed	Entire segment	2.9	0		
2002	Fecal coliform single sample	Fully Supporting	Entire segment	2.9	100	0	
2002	Fecal coliform geometric mean	Fully Supporting	Entire segment	2.9	100		4
2002	Overall Recreation Use	Fully Supporting	Entire segment	2.9			

General Use

2002	Water Temperature	Fully Supporting	Entire segment	2.9	15	0	
2002	pH	Fully Supporting	Entire segment	2.9	15	0	
2002	Overall General Use	Fully Supporting	Entire segment	2.9			

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Estuary		Bays and Estuaries		Total size:	2.9	Sq. miles	
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Fish Consumption Use

2002	Advisories and Closures Risk Assess.- No Advisory	Fully Supporting	Entire segment	2.9			
2002	Human Health Criteria	No Concern-Limited Data	Entire segment	2.9	4		
2002	Overall Fish Consumption Use	Fully Supporting	Entire segment	2.9			

Oyster Waters Use

2002	TDH Maps	Use Concern	0.8 square miles at the north end of the bay and Cox Creek	0.8			
2002	TDH Maps	Fully Supporting	2.1 square miles in the main portion of the bay	2.1			

Overall Use Support

2002		Fully Supporting	Entire segment	2.9			
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Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	Entire segment	2.9	20	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Entire segment	2.9	20	4	
2002	Orthophosphorus	No Concern	Entire segment	2.9	18	0	
2002	Total Phosphorus	No Concern	Entire segment	2.9	20	1	
2002	Overall Nutrient Enrichment Concerns	No Concern	Entire segment	2.9			

Algal Growth Concern

2002	Chlorophyll a	No Concern	Entire segment	2.9	21	0	
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Sediment Contaminants Concern

2002	Metals in sediment	Not Assessed	Entire segment	2.9	3		
2002	Overall Sediment Contaminant Concerns	Not Assessed	Entire segment	2.9			

Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Entire segment	2.9			
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Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	Entire segment	2.9			
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Overall Secondary Concern

2002		No Concern	Entire segment	2.9			
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