

Segment ID: 2494 **Water body name:** Brownsville Ship Channel

Estuary	Bays and Estuaries		Total size:	1.5	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	Brownsville Ship Channel near the mouth	0.5	20	1	
2002	Dissolved Oxygen grab average	Not Assessed	Brownsville Ship Channel turning basin	0.4	4	3	
2002	Dissolved Oxygen grab average	No Concern	Mid-portion of Brownsville Ship Channel	0.6	13	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Brownsville Ship Channel near the mouth	0.5	20	0	
2002	Dissolved Oxygen grab minimum	Use Concern-Limited Data	Brownsville Ship Channel turning basin	0.4	4	2	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Mid-portion of Brownsville Ship Channel	0.6	13	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Brownsville Ship Channel near the mouth	0.5	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Brownsville Ship Channel turning basin	0.4	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Mid-portion of Brownsville Ship Channel	0.6	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Brownsville Ship Channel near the mouth	0.5	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Brownsville Ship Channel turning basin	0.4	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Mid-portion of Brownsville Ship Channel	0.6	0		
2002	Overall Aquatic Life Use	Fully Supporting	Brownsville Ship Channel near the mouth	0.5			
2002	Overall Aquatic Life Use	Not Assessed	Brownsville Ship Channel turning basin	0.4			
2002	Overall Aquatic Life Use	Fully Supporting	Mid-portion of Brownsville Ship Channel	0.6			

Noncontact Recreation Use

2002	Enterococci single sample	Not Assessed	Brownsville Ship Channel near the mouth	0.5	0		
2002	Enterococci single sample	Not Assessed	Brownsville Ship Channel turning basin	0.4	0		
2002	Enterococci single sample	Not Assessed	Mid-portion of Brownsville Ship Channel	0.6	0		
2002	Enterococci geometric mean	Not Assessed	Brownsville Ship Channel near the mouth	0.5	0		
2002	Enterococci geometric mean	Not Assessed	Brownsville Ship Channel turning basin	0.4	0		
2002	Enterococci geometric mean	Not Assessed	Mid-portion of Brownsville Ship Channel	0.6	0		

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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	Overall Nutrient Enrichment Concerns	Not Assessed	Brownsville Ship Channel turning basin	0.4			
2002	Overall Nutrient Enrichment Concerns	No Concern	Mid-portion of Brownsville Ship Channel	0.6			

Algal Growth Concern

2002	Chlorophyll a	No Concern	Brownsville Ship Channel near the mouth	0.5	19	1	
2002	Chlorophyll a	Not Assessed	Brownsville Ship Channel turning basin	0.4	3	0	
2002	Chlorophyll a	No Concern	Mid-portion of Brownsville Ship Channel	0.6	12	0	

Sediment Contaminants Concern

2002	Overall Sediment Contaminant Concerns	Not Assessed	Brownsville Ship Channel near the mouth	0.5			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Brownsville Ship Channel turning basin	0.4			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Mid-portion of Brownsville Ship Channel	0.6			

Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Brownsville Ship Channel near the mouth	0.5			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Brownsville Ship Channel turning basin	0.4			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Mid-portion of Brownsville Ship Channel	0.6			

Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	Brownsville Ship Channel near the mouth	0.5			
2002	Overall Narrative Criteria Concerns	No Concern	Brownsville Ship Channel turning basin	0.4			

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Narrative Criteria Concern (continued)

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
2002	Overall Narrative Criteria Concerns	No Concern	Mid-portion of Brownsville Ship Channel	0.6			

Overall Secondary Concern

2002		No Concern	Brownsville Ship Channel near the mouth	0.5			
2002		No Concern	Brownsville Ship Channel turning basin	0.4			
2002		No Concern	Mid-portion of Brownsville Ship Channel	0.6			