

Segment ID: 2203 **Water body name: Petronila Creek Tidal**

Tidal Stream

Nueces-Rio Grande Coastal Basin

Total size:

14

Miles

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

2002	Dissolved Oxygen grab average	No Concern	Entire segment	14	13	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Entire segment	14	13	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Entire segment	14	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Entire segment	14	0		
2002	Acute Metals in water	No Concern-Limited Data	Entire segment	14	5	0	
2002	Chronic Metals in water	No Concern-Limited Data	Entire segment	14	5		
2002	Acute Organics in water	Not Assessed	Entire segment	14	1		
2002	Chronic Organics in water	Not Assessed	Entire segment	14	1		
2002	Overall Aquatic Life Use	Fully Supporting	Entire segment	14			

Contact Recreation Use

2002	Enterococci single sample	Not Assessed	Entire segment	14	0		
2002	Enterococci geometric mean	Not Assessed	Entire segment	14	0		
2002	Fecal coliform single sample	Fully Supporting	Entire segment	14	13	0	
2002	Fecal coliform geometric mean	Fully Supporting	Entire segment	14	13		29
2002	Overall Recreation Use	Fully Supporting	Entire segment	14			

General Use

2002	Water Temperature	Partially Supporting	Entire segment	14	13	3	
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General Use (continued)

2002	pH	Fully Supporting	Entire segment	14	13	1	
2002	Overall General Use	Partially Supporting	Entire segment	14			

Fish Consumption Use

2002	Human Health Criteria Chromium	No Concern-Limited Data	Entire segment	14	5		2.4
2002	Human Health Criteria Lead	No Concern-Limited Data	Entire segment	14	5		4.9
2002	Human Health Criteria Organics	Not Assessed	Entire segment	14	1		
2002	Overall Fish Consumption Use	Not Assessed	Entire segment	14			

Overall Use Support

2002		Partially Supporting	Entire segment	14			
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Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	Entire segment	14	18	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Entire segment	14	18	0	
2002	Orthophosphorus	No Concern	Entire segment	14	17	0	
2002	Total Phosphorus	No Concern	Entire segment	14	18	0	
2002	Overall Nutrient Enrichment Concerns	No Concern	Entire segment	14			

Algal Growth Concern

2002	Chlorophyll a	Concern	Entire segment	14	18	9	
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Sediment Contaminants Concern

2002	Metals in sediment	Not Assessed	Entire segment	14	2		
2002	Organics in sediment	Not Assessed	Entire segment	14	2		
2002	Overall Sediment Contaminant Concerns	Not Assessed	Entire segment	14			

Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Entire segment	14			
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Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	Entire segment	14			
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Overall Secondary Concern

2002		Concern	Entire segment	14			
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