

**Segment ID: 1227      Water body name: Nolan River**

Freshwater Stream      Brazos River Basin      Total size: 16 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	Lower 8 miles	8	10	0	
2002	Dissolved Oxygen grab average	No Concern	Upper 8 miles	8	15	1	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Lower 8 miles	8	10	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Upper 8 miles	8	15	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Lower 8 miles	8	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Upper 8 miles	8	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Lower 8 miles	8	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Upper 8 miles	8	0		
2002	Acute Metals in water	No Concern-Limited Data	Lower 8 miles	8	7	0	
2002	Chronic Metals in water	No Concern-Limited Data	Lower 8 miles	8	7		
2002	Chronic Toxicity tests in water	Not Assessed	Lower 8 miles	8	1		
2002	Chronic Toxicity tests in sediment	Not Assessed	Lower 8 miles	8	1		
2002	Overall Aquatic Life Use	Fully Supporting	Lower 8 miles	8			
2002	Overall Aquatic Life Use	Fully Supporting	Upper 8 miles	8			

**Contact Recreation Use**

2002	E. coli single sample	Not Assessed	Lower 8 miles	8	0		
2002	E. coli single sample	Not Assessed	Upper 8 miles	8	1		
2002	E. coli geometric mean	Not Assessed	Lower 8 miles	8	0		
2002	E. coli geometric mean	Not Assessed	Upper 8 miles	8	1		

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**Contact Recreation Use** (continued)

2002	Fecal coliform single sample	Not Assessed	Lower 8 miles	8	3		
2002	Fecal coliform single sample	Fully Supporting	Upper 8 miles	8	11	3	
2002	Fecal coliform geometric mean	Not Assessed	Lower 8 miles	8	3		
2002	Fecal coliform geometric mean	Not Supporting	Upper 8 miles	8	11		235
2002	Overall Recreation Use	Not Assessed	Lower 8 miles	8			
2002	Overall Recreation Use	Not Supporting	Upper 8 miles	8			

**General Use**

2002	Water Temperature	Fully Supporting	Lower 8 miles	8	11	0	
2002	Water Temperature	Fully Supporting	Upper 8 miles	8	15	0	
2002	pH	Fully Supporting	Lower 8 miles	8	11	1	
2002	pH	Fully Supporting	Upper 8 miles	8	15	0	
2002	Chloride	Fully Supporting	Lower 8 miles	8	25		53.7
2002	Chloride	Fully Supporting	Upper 8 miles	8	25		53.7
2002	Sulfate	Not Supporting	Lower 8 miles	8	24		118.3
2002	Sulfate	Not Supporting	Upper 8 miles	8	24		118.3
2002	Total Dissolved Solids	Fully Supporting	Lower 8 miles	8	26		491.9
2002	Total Dissolved Solids	Fully Supporting	Upper 8 miles	8	26		491.9
2002	Overall General Use	Not Supporting	Lower 8 miles	8			
2002	Overall General Use	Not Supporting	Upper 8 miles	8			

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**Fish Consumption Use**

2002	Human Health Criteria	No Concern-Limited Data	Lower 8 miles	8	7		
2002	Overall Fish Consumption Use	Not Assessed	Lower 8 miles	8			
2002	Overall Fish Consumption Use	Not Assessed	Upper 8 miles	8			

**Overall Use Support**

2002		Not Supporting	Lower 8 miles	8			
2002		Not Supporting	Upper 8 miles	8			

**Nutrient Enrichment Concern**

2002	Ammonia Nitrogen	No Concern	Lower 8 miles	8	12	0	
2002	Ammonia Nitrogen	No Concern	Upper 8 miles	8	25	1	
2002	Nitrite + Nitrate Nitrogen	No Concern	Lower 8 miles	8	12	2	
2002	Nitrite + Nitrate Nitrogen	Concern	Upper 8 miles	8	25	7	
2002	Orthophosphorus	No Concern	Lower 8 miles	8	12	2	
2002	Orthophosphorus	Concern	Upper 8 miles	8	25	8	
2002	Total Phosphorus	Not Assessed	Lower 8 miles	8	4	0	
2002	Total Phosphorus	No Concern	Upper 8 miles	8	17	2	
2002	Overall Nutrient Enrichment Concerns	No Concern	Lower 8 miles	8			
2002	Overall Nutrient Enrichment Concerns	Concern	Upper 8 miles	8			

**Algal Growth Concern**

2002	Chlorophyll a	Not Assessed	Lower 8 miles	8	4	0	
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**Algal Growth Concern** (continued)

2002	Chlorophyll a	No Concern	Upper 8 miles	8	17	0	
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**Sediment Contaminants Concern**

2002	Metals in sediment	Not Assessed	Lower 8 miles	8	1		
2002	Organics in sediment	Not Assessed	Lower 8 miles	8	1		
2002	Overall Sediment Contaminant Concerns	Not Assessed	Lower 8 miles	8			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upper 8 miles	8			

**Fish Tissue Contaminants Concern**

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 8 miles	8			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper 8 miles	8			

**Narrative Criteria Concern**

2002	Overall Narrative Criteria Concerns	No Concern	Lower 8 miles	8			
2002	Overall Narrative Criteria Concerns	No Concern	Upper 8 miles	8			

**Overall Secondary Concern**

2002		No Concern	Lower 8 miles	8			
2002		Concern	Upper 8 miles	8			