

Segment ID: 2106 **Water body name:** Nueces/Lower Frio River

Freshwater Stream

Nueces River Basin

Total size:

27

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 17 miles of segment	17	36	1	
2002	Dissolved Oxygen grab average	No Concern	Upper 10 miles of segment	10	13	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Lower 17 miles of segment	17	36	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Upper 10 miles of segment	10	13	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Lower 17 miles of segment	17	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Upper 10 miles of segment	10	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Lower 17 miles of segment	17	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Upper 10 miles of segment	10	0		
2002	Acute Metals in water	Fully Supporting	Lower 17 miles of segment	17	19	0	
2002	Chronic Metals in water	Fully Supporting	Lower 17 miles of segment	17	19		
2002	Acute Organics in water	Not Assessed	Lower 17 miles of segment	17	2	0	
2002	Acute Organics in water	Not Assessed	Upper 10 miles of segment	10	1		
2002	Chronic Organics in water	Not Assessed	Lower 17 miles of segment	17	2		
2002	Chronic Organics in water	Not Assessed	Upper 10 miles of segment	10	1		
2002	Overall Aquatic Life Use	Fully Supporting	Lower 17 miles of segment	17			
2002	Overall Aquatic Life Use	Fully Supporting	Upper 10 miles of segment	10			

Contact Recreation Use

2002	E. coli single sample	No Concern-Limited Data	Lower 17 miles of segment	17	6	0	
2002	E. coli single sample	No Concern-Limited Data	Upper 10 miles of segment	10	6	0	

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Contact Recreation Use (continued)

2002	E. coli geometric mean	No Concern-Limited Data	Lower 17 miles of segment	17	6		21.6
2002	E. coli geometric mean	Use Concern-Limited Data	Upper 10 miles of segment	10	6		137.5
2002	Fecal coliform single sample	No Concern-Limited Data	Lower 17 miles of segment	17	8	0	
2002	Fecal coliform single sample	No Concern-Limited Data	Upper 10 miles of segment	10	6	0	
2002	Fecal coliform geometric mean	No Concern-Limited Data	Lower 17 miles of segment	17	8		31.2
2002	Fecal coliform geometric mean	No Concern-Limited Data	Upper 10 miles of segment	10	6		84.3
2002	Overall Recreation Use	Not Assessed	Lower 17 miles of segment	17			
2002	Overall Recreation Use	Not Assessed	Upper 10 miles of segment	10			

General Use

2002	Water Temperature	Fully Supporting	Lower 17 miles of segment	17	43	0	
2002	Water Temperature	Fully Supporting	Upper 10 miles of segment	10	15	0	
2002	pH	Fully Supporting	Lower 17 miles of segment	17	38	0	
2002	pH	Fully Supporting	Upper 10 miles of segment	10	15	0	
2002	Chloride	Fully Supporting	Lower 17 miles of segment	17	54		97.6
2002	Chloride	Fully Supporting	Upper 10 miles of segment	10	54		97.6
2002	Sulfate	Fully Supporting	Lower 17 miles of segment	17	54		57.4
2002	Sulfate	Fully Supporting	Upper 10 miles of segment	10	54		57.4
2002	Total Dissolved Solids	Fully Supporting	Lower 17 miles of segment	17	62		478.4

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General Use (continued)

2002	Total Dissolved Solids	Fully Supporting	Upper 10 miles of segment	10	62		478.4
2002	Overall General Use	Fully Supporting	Lower 17 miles of segment	17			
2002	Overall General Use	Fully Supporting	Upper 10 miles of segment	10			

Fish Consumption Use

2002	Human Health Criteria Metals	Fully Supporting	Lower 17 miles of segment	17	19		
2002	Human Health Criteria Organics	Not Assessed	Lower 17 miles of segment	17	2		
2002	Human Health Criteria Organics	Not Assessed	Upper 10 miles of segment	10	1		
2002	Overall Fish Consumption Use	Fully Supporting	Lower 17 miles of segment	17			
2002	Overall Fish Consumption Use	Not Assessed	Upper 10 miles of segment	10			

Public Water Supply Use

2002	Finished Water: Running Avg	Fully Supporting	Lower 17 miles of segment	17			
2002	Finished Water: Running Avg	Fully Supporting	Upper 10 miles of segment	10			
2002	Surface Water: Long-term average Metals	Fully Supporting	Lower 17 miles of segment	17	19		
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower 17 miles of segment	17	40		0.4
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Upper 10 miles of segment	10	54		0.38
2002	Surface Water: Long-term average Organics	Not Assessed	Lower 17 miles of segment	17	2		
2002	Surface Water: Long-term average Organics	Not Assessed	Upper 10 miles of segment	10	1		
2002	Surface Water: Running average Metals	Fully Supporting	Lower 17 miles of segment	17	19	0	

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Public Water Supply Use (continued)

2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower 17 miles of segment	17	40	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Upper 10 miles of segment	10	54	0	
2002	Surface Water: Running average Organics	Not Assessed	Lower 17 miles of segment	17	2	0	
2002	Surface Water: Running average Organics	Not Assessed	Upper 10 miles of segment	10	1	0	
2002	Overall Public Water Supply Use	Fully Supporting	Lower 17 miles of segment	17			
2002	Overall Public Water Supply Use	Fully Supporting	Upper 10 miles of segment	10			

Overall Use Support

2002		Fully Supporting	Lower 17 miles of segment	17			
2002		Fully Supporting	Upper 10 miles of segment	10			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	Lower 17 miles of segment	17	40	0	
2002	Ammonia Nitrogen	No Concern	Upper 10 miles of segment	10	14	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Lower 17 miles of segment	17	40	1	
2002	Nitrite + Nitrate Nitrogen	No Concern	Upper 10 miles of segment	10	14	1	
2002	Orthophosphorus	No Concern	Lower 17 miles of segment	17	37	0	
2002	Orthophosphorus	No Concern	Upper 10 miles of segment	10	12	0	
2002	Total Phosphorus	No Concern	Lower 17 miles of segment	17	16	0	
2002	Total Phosphorus	No Concern	Upper 10 miles of segment	10	13	0	
2002	Overall Nutrient Enrichment Concerns	No Concern	Lower 17 miles of segment	17			

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Nutrient Enrichment Concern (continued)

2002	Overall Nutrient Enrichment Concerns	No Concern	Upper 10 miles of segment	10			
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Algal Growth Concern

2002	Chlorophyll a	No Concern	Lower 17 miles of segment	17	18	3	
2002	Chlorophyll a	No Concern	Upper 10 miles of segment	10	14	1	

Sediment Contaminants Concern

2002	Overall Sediment Contaminant Concerns	Not Assessed	Lower 17 miles of segment	17			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upper 10 miles of segment	10			

Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 17 miles of segment	17			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper 10 miles of segment	10			

Public Water Supply Concern

2002	Finished Water: Chloride	No Concern	Lower 17 miles of segment	17			
2002	Finished Water: Chloride	No Concern	Upper 10 miles of segment	10			
2002	Finished Water: Sulfate	No Concern	Lower 17 miles of segment	17			
2002	Finished Water: Sulfate	No Concern	Upper 10 miles of segment	10			
2002	Finished Water: Total Dissolved Solids	No Concern	Lower 17 miles of segment	17			
2002	Finished Water: Total Dissolved Solids	No Concern	Upper 10 miles of segment	10			

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Public Water Supply Concern (continued)

2002	Finished Water: MTBE	No Concern	Lower 17 miles of segment	17			
2002	Finished Water: MTBE	No Concern	Upper 10 miles of segment	10			
2002	Finished Water: Perchlorate	Not Assessed	Lower 17 miles of segment	17			
2002	Finished Water: Perchlorate	Not Assessed	Upper 10 miles of segment	10			
2002	Finished Water: Overall	No Concern	Lower 17 miles of segment	17			
2002	Finished Water: Overall	No Concern	Upper 10 miles of segment	10			
2002	Surface Water: Chloride	No Concern	Lower 17 miles of segment	17	54		97.6
2002	Surface Water: Chloride	No Concern	Upper 10 miles of segment	10	54		97.6
2002	Surface Water: Sulfate	No Concern	Lower 17 miles of segment	17	54		57.4
2002	Surface Water: Sulfate	No Concern	Upper 10 miles of segment	10	54		57.4
2002	Surface Water: Total Dissolved Solids	No Concern	Lower 17 miles of segment	17	62		478.4
2002	Surface Water: Total Dissolved Solids	No Concern	Upper 10 miles of segment	10	62		478.4
2002	Surface Water: Overall	No Concern	Lower 17 miles of segment	17			
2002	Surface Water: Overall	No Concern	Upper 10 miles of segment	10			
2002	Overall Public Water Supply Concerns	No Concern	Lower 17 miles of segment	17			
2002	Overall Public Water Supply Concerns	No Concern	Upper 10 miles of segment	10			

Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	Lower 17 miles of segment	17			
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Narrative Criteria Concern (continued)

2002	Overall Narrative Criteria Concerns	No Concern	Upper 10 miles of segment	10			
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Overall Secondary Concern

2002		No Concern	Lower 17 miles of segment	17			
2002		No Concern	Upper 10 miles of segment	10			