

Segment ID: 2104 **Water body name:** Nueces River Above Frio River

Freshwater Stream Nueces River Basin Total size: 105 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	25 miles surrounding SH 16	25	24	1	
2002	Dissolved Oxygen grab minimum	Fully Supporting	25 miles surrounding SH 16	25	24	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	25 miles surrounding SH 16	25	2	0	
2002	Dissolved Oxygen 24hr minimum	Not Assessed	25 miles surrounding SH 16	25	2	0	
2002	Acute Metals in water	No Concern-Limited Data	25 miles surrounding SH 16	25	9	0	
2002	Chronic Metals in water	No Concern-Limited Data	25 miles surrounding SH 16	25	9		
2002	Overall Aquatic Life Use	Fully Supporting	25 miles surrounding SH 16	25			
2002	Overall Aquatic Life Use	Not Assessed	Remainder of segment	80			

Contact Recreation Use

2002	E. coli single sample	No Concern-Limited Data	25 miles surrounding SH 16	25	6	0	
2002	E. coli geometric mean	No Concern-Limited Data	25 miles surrounding SH 16	25	6		67.4
2002	Fecal coliform single sample	Fully Supporting	25 miles surrounding SH 16	25	13	1	
2002	Fecal coliform geometric mean	Fully Supporting	25 miles surrounding SH 16	25	13		74.6
2002	Overall Recreation Use	Fully Supporting	25 miles surrounding SH 16	25			
2002	Overall Recreation Use	Not Assessed	Remainder of segment	80			

General Use

2002	Water Temperature	Fully Supporting	25 miles surrounding SH 16	25	30	0	
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General Use (continued)

2002	pH	Fully Supporting	25 miles surrounding SH 16	25	26	2	
2002	Chloride	Fully Supporting	25 miles surrounding SH 16	25	30		473.3
2002	Chloride	Fully Supporting	Remainder of segment	80	30		473.3
2002	Sulfate	Fully Supporting	25 miles surrounding SH 16	25	30		94.6
2002	Sulfate	Fully Supporting	Remainder of segment	80	30		94.6
2002	Total Dissolved Solids	Fully Supporting	25 miles surrounding SH 16	25	35		1,120.28
2002	Total Dissolved Solids	Fully Supporting	Remainder of segment	80	35		1,120.28
2002	Overall General Use	Fully Supporting	25 miles surrounding SH 16	25			
2002	Overall General Use	Fully Supporting	Remainder of segment	80			

Fish Consumption Use

2002	Human Health Criteria Metals	No Concern-Limited Data	25 miles surrounding SH 16	25	9		
2002	Overall Fish Consumption Use	Not Assessed	25 miles surrounding SH 16	25			
2002	Overall Fish Consumption Use	Not Assessed	Remainder of segment	80			

Public Water Supply Use

2002	Finished Water: Running Avg	Fully Supporting	25 miles surrounding SH 16	25			
2002	Surface Water: Long-term average Metals	No Concern-Limited Data	25 miles surrounding SH 16	25	9		
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	25 miles surrounding SH 16	25	30		0.27

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Public Water Supply Use (continued)

2002	Surface Water: Running average Metals	No Concern-Limited Data	25 miles surrounding SH 16	25	9		
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	25 miles surrounding SH 16	25	30	0	
2002	Overall Public Water Supply Use	Fully Supporting	25 miles surrounding SH 16	25			
2002	Overall Public Water Supply Use	Fully Supporting	Remainder of segment	80			

Overall Use Support

2002		Fully Supporting	25 miles surrounding SH 16	25			
2002		Fully Supporting	Remainder of segment	80			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	25 miles surrounding SH 16	25	30	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	25 miles surrounding SH 16	25	30	0	
2002	Orthophosphorus	No Concern	25 miles surrounding SH 16	25	28	0	
2002	Total Phosphorus	No Concern	25 miles surrounding SH 16	25	21	0	
2002	Overall Nutrient Enrichment Concerns	No Concern	25 miles surrounding SH 16	25			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Remainder of segment	80			

Algal Growth Concern

2002	Chlorophyll a	No Concern	25 miles surrounding SH 16	25	21	3	
2002	Chlorophyll a	Not Assessed	Remainder of segment	80			

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Sediment Contaminants Concern

2002	Overall Sediment Contaminant Concerns	Not Assessed	25 miles surrounding SH 16	25			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Remainder of segment	80			

Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	25 miles surrounding SH 16	25			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Remainder of segment	80			

Public Water Supply Concern

2002	Finished Water: Chloride	No Concern	25 miles surrounding SH 16	25			
2002	Finished Water: Chloride	No Concern	Remainder of segment	80			
2002	Finished Water: Sulfate	No Concern	25 miles surrounding SH 16	25			
2002	Finished Water: Sulfate	No Concern	Remainder of segment	80			
2002	Finished Water: Total Dissolved Solids	No Concern	25 miles surrounding SH 16	25			
2002	Finished Water: Total Dissolved Solids	No Concern	Remainder of segment	80			
2002	Finished Water: MTBE	No Concern	25 miles surrounding SH 16	25			
2002	Finished Water: MTBE	No Concern	Remainder of segment	80			
2002	Finished Water: Perchlorate	Not Assessed	25 miles surrounding SH 16	25			
2002	Finished Water: Perchlorate	Not Assessed	Remainder of segment	80			
2002	Finished Water: Overall	No Concern	25 miles surrounding SH 16	25			
2002	Finished Water: Overall	No Concern	Remainder of segment	80			

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Public Water Supply Concern (continued)

2002	Surface Water: Chloride	Concern	25 miles surrounding SH 16	25	30		473.3
2002	Surface Water: Chloride	Concern	Remainder of segment	80	30		473.3
2002	Surface Water: Sulfate	No Concern	25 miles surrounding SH 16	25	30		94.6
2002	Surface Water: Sulfate	No Concern	Remainder of segment	80	30		94.6
2002	Surface Water: Total Dissolved Solids	Concern	25 miles surrounding SH 16	25	35		1,120.28
2002	Surface Water: Total Dissolved Solids	Concern	Remainder of segment	80	35		1,120.28
2002	Surface Water: Overall	Concern	25 miles surrounding SH 16	25			
2002	Surface Water: Overall	Concern	Remainder of segment	80			
2002	Overall Public Water Supply Concerns	Concern	25 miles surrounding SH 16	25			
2002	Overall Public Water Supply Concerns	Concern	Remainder of segment	80			

Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	25 miles surrounding SH 16	25			
2002	Overall Narrative Criteria Concerns	No Concern	Remainder of segment	80			

Overall Secondary Concern

2002		Concern	25 miles surrounding SH 16	25			
2002		Concern	Remainder of segment	80			