

Segment ID: 2108 Water body name: San Miguel Creek

Freshwater Stream Nueces River Basin Total size: 66 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 25 miles of segment	25	11	1	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Lower 25 miles of segment	25	11	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Lower 25 miles of segment	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Lower 25 miles of segment	25	0		
2002	Overall Aquatic Life Use	Fully Supporting	Lower 25 miles of segment	25			
2002	Overall Aquatic Life Use	Not Assessed	Upper 41 miles of segment	41			

Contact Recreation Use

2002	E. coli single sample	Not Assess-Not Represent	Lower 25 miles of segment	25	2	0	
2002	E. coli geometric mean	Not Assess-Not Represent	Lower 25 miles of segment	25	2		158.6
2002	Fecal coliform single sample	No Concern-Limited Data	Lower 25 miles of segment	25	7	2	
2002	Fecal coliform geometric mean	No Concern-Limited Data	Lower 25 miles of segment	25	7		55.7
2002	Overall Recreation Use	Not Assessed	Lower 25 miles of segment	25			
2002	Overall Recreation Use	Not Assessed	Upper 41 miles of segment	41			

General Use

2002	Water Temperature	Fully Supporting	Lower 25 miles of segment	25	15	0	
2002	pH	Fully Supporting	Lower 25 miles of segment	25	15	0	
2002	Chloride	Fully Supporting	Lower 25 miles of segment	25	16		118.3

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General Use (continued)

2002	Chloride	Fully Supporting	Upper 41 miles of segment	41	16		118.3
2002	Sulfate	Fully Supporting	Lower 25 miles of segment	25	16		135.1
2002	Sulfate	Fully Supporting	Upper 41 miles of segment	41	16		135.1
2002	Total Dissolved Solids	Fully Supporting	Lower 25 miles of segment	25	16		593.19
2002	Total Dissolved Solids	Fully Supporting	Upper 41 miles of segment	41	16		593.19
2002	Overall General Use	Fully Supporting	Lower 25 miles of segment	25			
2002	Overall General Use	Fully Supporting	Upper 41 miles of segment	41			

Fish Consumption Use

2002	Overall Fish Consumption Use	Not Assessed	Lower 25 miles of segment	25			
2002	Overall Fish Consumption Use	Not Assessed	Upper 41 miles of segment	41			

Public Water Supply Use

2002	Finished Water: Running Avg	Fully Supporting	Lower 25 miles of segment	25			
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower 25 miles of segment	25	15		0.27
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower 25 miles of segment	25	15	0	
2002	Overall Public Water Supply Use	Fully Supporting	Lower 25 miles of segment	25			
2002	Overall Public Water Supply Use	Fully Supporting	Upper 41 miles of segment	41			

Overall Use Support

2002		Fully Supporting	Lower 25 miles of segment	25			
2002		Fully Supporting	Upper 41 miles of segment	41			

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Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	Lower 25 miles of segment	25	15	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Lower 25 miles of segment	25	15	0	
2002	Orthophosphorus	No Concern	Lower 25 miles of segment	25	14	0	
2002	Total Phosphorus	No Concern	Lower 25 miles of segment	25	15	1	
2002	Overall Nutrient Enrichment Concerns	No Concern	Lower 25 miles of segment	25			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Upper 41 miles of segment	41			

Algal Growth Concern

2002	Chlorophyll a	No Concern	Lower 25 miles of segment	25	15	3	
2002	Chlorophyll a	Not Assessed	Upper 41 miles of segment	41			

Sediment Contaminants Concern

2002	Overall Sediment Contaminant Concerns	Not Assessed	Lower 25 miles of segment	25			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upper 41 miles of segment	41			

Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 25 miles of segment	25			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper 41 miles of segment	41			

Public Water Supply Concern

2002	Finished Water: Chloride	No Concern	Lower 25 miles of segment	25			
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Public Water Supply Concern (continued)

2002	Finished Water: Chloride	No Concern	Upper 41 miles of segment	41			
2002	Finished Water: Sulfate	No Concern	Lower 25 miles of segment	25			
2002	Finished Water: Sulfate	No Concern	Upper 41 miles of segment	41			
2002	Finished Water: Total Dissolved Solids	No Concern	Lower 25 miles of segment	25			
2002	Finished Water: Total Dissolved Solids	No Concern	Upper 41 miles of segment	41			
2002	Finished Water: MTBE	No Concern	Lower 25 miles of segment	25			
2002	Finished Water: MTBE	No Concern	Upper 41 miles of segment	41			
2002	Finished Water: Perchlorate	Not Assessed	Lower 25 miles of segment	25			
2002	Finished Water: Perchlorate	Not Assessed	Upper 41 miles of segment	41			
2002	Finished Water: Overall	No Concern	Lower 25 miles of segment	25			
2002	Finished Water: Overall	No Concern	Upper 41 miles of segment	41			
2002	Surface Water: Chloride	No Concern	Lower 25 miles of segment	25	16		118.3
2002	Surface Water: Chloride	No Concern	Upper 41 miles of segment	41	16		118.3
2002	Surface Water: Sulfate	No Concern	Lower 25 miles of segment	25	16		135.1
2002	Surface Water: Sulfate	No Concern	Upper 41 miles of segment	41	16		135.1
2002	Surface Water: Total Dissolved Solids	No Concern	Lower 25 miles of segment	25	16		593.19
2002	Surface Water: Total Dissolved Solids	No Concern	Upper 41 miles of segment	41	16		593.19
2002	Surface Water: Overall	No Concern	Lower 25 miles of segment	25			
2002	Surface Water: Overall	No Concern	Upper 41 miles of segment	41			

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Public Water Supply Concern (continued)

2002	Overall Public Water Supply Concerns	No Concern	Lower 25 miles of segment	25			
2002	Overall Public Water Supply Concerns	No Concern	Upper 41 miles of segment	41			

Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	Lower 25 miles of segment	25			
2002	Overall Narrative Criteria Concerns	No Concern	Upper 41 miles of segment	41			

Overall Secondary Concern

2002		No Concern	Lower 25 miles of segment	25			
2002		No Concern	Upper 41 miles of segment	41			