Segment ID: 2107 **Water body name:** Atascosa River

Freshwater Stream | Nueces River Basin | Total size: 103 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Aquatic Life Use						
Dissolved Oxygen grab average	No Concern	25 miles surrounding U.S. 281	25	12	2	
Dissolved Oxygen grab average	No Concern	Lower 25 miles of segment	25	13	1	
Dissolved Oxygen grab minimum	Fully Supporting	25 miles surrounding U.S. 281	25	12	0	
Dissolved Oxygen grab minimum	Fully Supporting	Lower 25 miles of segment	25	13	1	
Dissolved Oxygen 24hr average	Not Assessed	25 miles surrounding U.S. 281	25	0		
Dissolved Oxygen 24hr average	Not Assessed	Lower 25 miles of segment	25	0		
Dissolved Oxygen 24hr minimum	Not Assessed	25 miles surrounding U.S. 281	25	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Lower 25 miles of segment	25	0		
Overall Aquatic Life Use	Fully Supporting	25 miles surrounding U.S. 281	25			
Overall Aquatic Life Use	Fully Supporting	Lower 25 miles of segment	25			
Overall Aquatic Life Use	Not Assessed	Remainder of segment	53			
Contact Recreation Use						
E. coli single sample	Not Assessed	25 miles surrounding U.S. 281	25	0		
E. coli single sample	Use Concern-Limited Data	Lower 25 miles of segment	25	4	3	
E. coli geometric mean	Not Assessed	25 miles surrounding U.S. 281	25	0		
E. coli geometric mean	Use Concern-Limited Data	Lower 25 miles of segment	25	4		715.5
Fecal coliform single sample	No Concern-Limited Data	25 miles surrounding U.S. 281	25	7	2	
Fecal coliform single sample	Use Concern-Limited Data	Lower 25 miles of segment	25	6	3	
Fecal coliform geometric mean	Use Concern-Limited Data	25 miles surrounding U.S. 281	25	7		407.9
Fecal coliform geometric mean	Use Concern-Limited Data	Lower 25 miles of segment	25	6		255.1
Overall Recreation Use	Not Assessed	25 miles surrounding U.S. 281	25			
Overall Recreation Use	Not Assessed	Lower 25 miles of segment	25			

Segment ID: 2107 **Water body name:** Atascosa River

Freshwater Stream | Nueces River Basin | Total size: 103 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Contact Recreation Use (continued)						
Overall Recreation Use	Not Assessed	Remainder of segment	53			
General Use						
Water Temperature	Fully Supporting	25 miles surrounding U.S. 281	25	13	0	
Water Temperature	Fully Supporting	Lower 25 miles of segment	25	21	0	
pH	Fully Supporting	25 miles surrounding U.S. 281	25	12	0	
pH	Fully Supporting	Lower 25 miles of segment	25	16	0	
Chloride	Fully Supporting	25 miles surrounding U.S. 281	25	30		183.5
Chloride	Fully Supporting	Lower 25 miles of segment	25	30		183.5
Chloride	Fully Supporting	Remainder of segment	53	30		183.5
Sulfate	Fully Supporting	25 miles surrounding U.S. 281	25	30		161.8
Sulfate	Fully Supporting	Lower 25 miles of segment	25	30		161.8
Sulfate	Fully Supporting	Remainder of segment	53	30		161.8
Total Dissolved Solids	Fully Supporting	25 miles surrounding U.S. 281	25	36		1,043.13
Total Dissolved Solids	Fully Supporting	Lower 25 miles of segment	25	36		1,043.13
Total Dissolved Solids	Fully Supporting	Remainder of segment	53	36		1,043.13
Overall General Use	Fully Supporting	25 miles surrounding U.S. 281	25			
Overall General Use	Fully Supporting	Lower 25 miles of segment	25			
Overall General Use	Fully Supporting	Remainder of segment	53			
Fish Consumption Use						
Overall Fish Consumption Use	Not Assessed	25 miles surrounding U.S. 281	25			
Overall Fish Consumption Use	Not Assessed	Lower 25 miles of segment	25			
Overall Fish Consumption Use	Not Assessed	Remainder of segment	53			

Segment ID: 2107 **Water body name:** Atascosa River

Freshwater Stream | Nueces River Basin | Total size: 103 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Use						
Finished Water: Running Avg	Fully Supporting	25 miles surrounding U.S. 281	25			
Finished Water: Running Avg	Fully Supporting	Lower 25 miles of segment	25			
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	25 miles surrounding U.S. 281	25	12		2.69
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower 25 miles of segment	25	17		0.2
Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	25 miles surrounding U.S. 281	25	12	0	
Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower 25 miles of segment	25	17	0	
Overall Public Water Supply Use	Fully Supporting	25 miles surrounding U.S. 281	25			
Overall Public Water Supply Use	Fully Supporting	Lower 25 miles of segment	25			
Overall Public Water Supply Use	Fully Supporting	Remainder of segment	53			
Overall Use Support						
	Fully Supporting	25 miles surrounding U.S. 281	25			
	Fully Supporting	Lower 25 miles of segment	25			
	Fully Supporting	Remainder of segment	53			
Nutrient Enrichment Concern						
Ammonia Nitrogen	Concern	25 miles surrounding U.S. 281	25	13	4	
Ammonia Nitrogen	No Concern	Lower 25 miles of segment	25	17	1	
Nitrite + Nitrate Nitrogen	No Concern	25 miles surrounding U.S. 281	25	12	2	
Nitrite + Nitrate Nitrogen	No Concern	Lower 25 miles of segment	25	17	0	
Orthophosphorus	No Concern	25 miles surrounding U.S. 281	25	12	2	
Orthophosphorus	No Concern	Lower 25 miles of segment	25	16	0	

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Freshwater Stream | Nueces River Basin | Total size: 103 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Nutrient Enrichment Concern (continued)						
Total Phosphorus	No Concern	25 miles surrounding U.S. 281	25	13	2	
Total Phosphorus	No Concern	Lower 25 miles of segment	25	17	2	
Overall Nutrient Enrichment Concerns	Concern	25 miles surrounding U.S. 281	25			
Overall Nutrient Enrichment Concerns	No Concern	Lower 25 miles of segment	25			
Overall Nutrient Enrichment Concerns	Not Assessed	Remainder of segment	53			
Algal Growth Concern						
Chlorophyll a	Concern	25 miles surrounding U.S. 281	25	13	8	
Chlorophyll a	No Concern	Lower 25 miles of segment	25	17	3	
Chlorophyll a	Not Assessed	Remainder of segment	53			
Sediment Contaminants Concern						
Overall Sediment Contaminant Concerns	Not Assessed	25 miles surrounding U.S. 281	25			
Overall Sediment Contaminant Concerns	Not Assessed	Lower 25 miles of segment	25			
Overall Sediment Contaminant Concerns	Not Assessed	Remainder of segment	53			
Fish Tissue Contaminants Concern						
Overall Fish Tissue Contaminant Concerns	Not Assessed	25 miles surrounding U.S. 281	25			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 25 miles of segment	25			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Remainder of segment	53			
Public Water Supply Concern						
Finished Water: Chloride	No Concern	25 miles surrounding U.S. 281	25			

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Freshwater Stream | Nueces River Basin | Total size: 103 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Concern (continued)						
Finished Water: Chloride	No Concern	Lower 25 miles of segment	25			
Finished Water: Chloride	No Concern	Remainder of segment	53			
Finished Water: Sulfate	No Concern	25 miles surrounding U.S. 281	25			
Finished Water: Sulfate	No Concern	Lower 25 miles of segment	25			
Finished Water: Sulfate	No Concern	Remainder of segment	53			
Finished Water: Total Dissolved Solids	No Concern	25 miles surrounding U.S. 281	25			
Finished Water: Total Dissolved Solids	No Concern	Lower 25 miles of segment	25			
Finished Water: Total Dissolved Solids	No Concern	Remainder of segment	53			
Finished Water: MTBE	No Concern	25 miles surrounding U.S. 281	25			
Finished Water: MTBE	No Concern	Lower 25 miles of segment	25			
Finished Water: MTBE	No Concern	Remainder of segment	53			
Finished Water: Perchlorate	Not Assessed	25 miles surrounding U.S. 281	25			
Finished Water: Perchlorate	Not Assessed	Lower 25 miles of segment	25			
Finished Water: Perchlorate	Not Assessed	Remainder of segment	53			
Finished Water: Overall	No Concern	25 miles surrounding U.S. 281	25			
Finished Water: Overall	No Concern	Lower 25 miles of segment	25			
Finished Water: Overall	No Concern	Remainder of segment	53			
Surface Water: Chloride	No Concern	25 miles surrounding U.S. 281	25	30		183.5
Surface Water: Chloride	No Concern	Lower 25 miles of segment	25	30		183.5
Surface Water: Chloride	No Concern	Remainder of segment	53	30		183.5
Surface Water: Sulfate	No Concern	25 miles surrounding U.S. 281	25	30		161.8
Surface Water: Sulfate	No Concern	Lower 25 miles of segment	25	30		161.8
Surface Water: Sulfate	No Concern	Remainder of segment	53	30		161.8

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Freshwater Stream | Nueces River Basin | Total size: 103 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Concern (continued)						
Surface Water: Total Dissolved Solids	Concern	25 miles surrounding U.S. 281	25	36		1,043.13
Surface Water: Total Dissolved Solids	Concern	Lower 25 miles of segment	25	36		1,043.13
Surface Water: Total Dissolved Solids	Concern	Remainder of segment	53	36		1,043.13
Surface Water: Overall	Concern	25 miles surrounding U.S. 281	25			
Surface Water: Overall	Concern	Lower 25 miles of segment	25			
Surface Water: Overall	Concern	Remainder of segment	53			
Overall Public Water Supply Concerns	Concern	25 miles surrounding U.S. 281	25			
Overall Public Water Supply Concerns	Concern	Lower 25 miles of segment	25			
Overall Public Water Supply Concerns	Concern	Remainder of segment	53			
Narrative Criteria Concern						
Overall Narrative Criteria Concerns	No Concern	25 miles surrounding U.S. 281	25			
Overall Narrative Criteria Concerns	No Concern	Lower 25 miles of segment	25			
Overall Narrative Criteria Concerns	No Concern	Remainder of segment	53			
Overall Secondary Concern						
	Concern	25 miles surrounding U.S. 281	25			
	Concern	Lower 25 miles of segment	25			
	Concern	Remainder of segment	53			