

**Segment ID:** 2112      **Water body name:** Upper Nueces River

Freshwater Stream

Nueces River Basin

Total size:

123

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 RR 334 & US 55	25	11	0	
2002	Dissolved Oxygen grab average	No Concern	Lower 25 miles of segment	25	16	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	25 miles surrounding RR 334 & US 55	25	11	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Lower 25 miles of segment	25	16	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	25 miles surrounding RR 334 & US 55	25	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Lower 25 miles of segment	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	25 miles surrounding RR 334 & US 55	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Lower 25 miles of segment	25	0		
2002	Acute Metals in water	Not Assessed	Lower 25 miles of segment	25	2	0	
2002	Chronic Metals in water	Not Assessed	Lower 25 miles of segment	25	2		
2002	Overall Aquatic Life Use	Fully Supporting	25 miles surrounding RR 334 & US 55	25			
2002	Overall Aquatic Life Use	Fully Supporting	Lower 25 miles of segment	25			
2002	Overall Aquatic Life Use	Not Assessed	Remainder of segment	73			

**Contact Recreation Use**

2002	E. coli single sample	Not Assessed	25 miles surrounding RR 334 & US 55	25	0		
2002	E. coli single sample	Not Assessed	Lower 25 miles of segment	25	0		
2002	E. coli geometric mean	Not Assessed	25 miles surrounding RR 334 & US 55	25	0		
2002	E. coli geometric mean	Not Assessed	Lower 25 miles of segment	25	0		
2002	Fecal coliform single sample	Fully Supporting	25 miles surrounding RR 334 & US 55	25	10	0	
2002	Fecal coliform single sample	Fully Supporting	Lower 25 miles of segment	25	14	1	
2002	Fecal coliform geometric mean	Fully Supporting	25 miles surrounding RR 334 & US 55	25	10		10.5

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**Contact Recreation Use** (continued)

2002	Fecal coliform geometric mean	Fully Supporting	Lower 25 miles of segment	25	14		37.9
2002	Overall Recreation Use	Fully Supporting	25 miles surrounding RR 334 & US 55	25			
2002	Overall Recreation Use	Fully Supporting	Lower 25 miles of segment	25			
2002	Overall Recreation Use	Not Assessed	Remainder of segment	73			

**General Use**

2002	Water Temperature	Fully Supporting	25 miles surrounding RR 334 & US 55	25	13	0	
2002	Water Temperature	Fully Supporting	Lower 25 miles of segment	25	22	0	
2002	pH	Fully Supporting	25 miles surrounding RR 334 & US 55	25	10	0	
2002	pH	Fully Supporting	Lower 25 miles of segment	25	15	0	
2002	Chloride	Fully Supporting	25 miles surrounding RR 334 & US 55	25	31		20.1
2002	Chloride	Fully Supporting	Lower 25 miles of segment	25	31		20.1
2002	Chloride	Fully Supporting	Remainder of segment	73	31		20.1
2002	Sulfate	Fully Supporting	25 miles surrounding RR 334 & US 55	25	31		16.1
2002	Sulfate	Fully Supporting	Lower 25 miles of segment	25	31		16.1
2002	Sulfate	Fully Supporting	Remainder of segment	73	31		16.1
2002	Total Dissolved Solids	Fully Supporting	25 miles surrounding RR 334 & US 55	25	41		292.85
2002	Total Dissolved Solids	Fully Supporting	Lower 25 miles of segment	25	41		292.85
2002	Total Dissolved Solids	Fully Supporting	Remainder of segment	73	41		292.85
2002	Overall General Use	Fully Supporting	25 miles surrounding RR 334 & US 55	25			
2002	Overall General Use	Fully Supporting	Lower 25 miles of segment	25			
2002	Overall General Use	Fully Supporting	Remainder of segment	73			

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**Fish Consumption Use**

2002	Human Health Criteria Metals	Not Assessed	Lower 25 miles of segment	25	2		
2002	Overall Fish Consumption Use	Not Assessed	25 miles surrounding RR 334 & US 55	25			
2002	Overall Fish Consumption Use	Not Assessed	Lower 25 miles of segment	25			
2002	Overall Fish Consumption Use	Not Assessed	Remainder of segment	73			

**Public Water Supply Use**

2002	Finished Water: Running Avg	Fully Supporting	25 miles surrounding RR 334 & US 55	25			
2002	Finished Water: Running Avg	Fully Supporting	Lower 25 miles of segment	25			
2002	Surface Water: Long-term average Metals	Not Assessed	Lower 25 miles of segment	25	2		
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	25 miles surrounding RR 334 & US 55	25	13		0.88
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower 25 miles of segment	25	30		1
2002	Surface Water: Running average Metals	Not Assessed	Lower 25 miles of segment	25	2		
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	25 miles surrounding RR 334 & US 55	25	13	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower 25 miles of segment	25	30		
2002	Overall Public Water Supply Use	Fully Supporting	25 miles surrounding RR 334 & US 55	25			
2002	Overall Public Water Supply Use	Fully Supporting	Lower 25 miles of segment	25			
2002	Overall Public Water Supply Use	Fully Supporting	Remainder of segment	73			

**Overall Use Support**

2002		Fully Supporting	25 miles surrounding RR 334 & US 55	25			
2002		Fully Supporting	Lower 25 miles of segment	25			

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**Overall Use Support** (continued)

2002		Fully Supporting	Remainder of segment	73			
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**Nutrient Enrichment Concern**

2002	Ammonia Nitrogen	No Concern	25 miles surrounding RR 334 & US 55	25	13	0	
2002	Ammonia Nitrogen	No Concern	Lower 25 miles of segment	25	17	1	
2002	Nitrite + Nitrate Nitrogen	No Concern	25 miles surrounding RR 334 & US 55	25	13	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Lower 25 miles of segment	25	17	0	
2002	Orthophosphorus	No Concern	25 miles surrounding RR 334 & US 55	25	13	0	
2002	Orthophosphorus	No Concern	Lower 25 miles of segment	25	17	0	
2002	Total Phosphorus	No Concern	25 miles surrounding RR 334 & US 55	25	13	0	
2002	Total Phosphorus	No Concern	Lower 25 miles of segment	25	18	0	
2002	Overall Nutrient Enrichment Concerns	No Concern	25 miles surrounding RR 334 & US 55	25			
2002	Overall Nutrient Enrichment Concerns	No Concern	Lower 25 miles of segment	25			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Remainder of segment	73			

**Algal Growth Concern**

2002	Chlorophyll a	No Concern	25 miles surrounding RR 334 & US 55	25	13	0	
2002	Chlorophyll a	No Concern	Lower 25 miles of segment	25	18	0	
2002	Chlorophyll a	Not Assessed	Remainder of segment	73			

**Sediment Contaminants Concern**

2002	Overall Sediment Contaminant Concerns	Not Assessed	25 miles surrounding RR 334 & US 55	25			
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**Sediment Contaminants Concern** (continued)

2002	Overall Sediment Contaminant Concerns	Not Assessed	Lower 25 miles of segment	25			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Remainder of segment	73			

**Fish Tissue Contaminants Concern**

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	25 miles surrounding RR 334 & US 55	25			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 25 miles of segment	25			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Remainder of segment	73			

**Public Water Supply Concern**

2002	Finished Water: Chloride	No Concern	25 miles surrounding RR 334 & US 55	25			
2002	Finished Water: Chloride	No Concern	Lower 25 miles of segment	25			
2002	Finished Water: Chloride	No Concern	Remainder of segment	73			
2002	Finished Water: Sulfate	No Concern	25 miles surrounding RR 334 & US 55	25			
2002	Finished Water: Sulfate	No Concern	Lower 25 miles of segment	25			
2002	Finished Water: Sulfate	No Concern	Remainder of segment	73			
2002	Finished Water: Total Dissolved Solids	No Concern	25 miles surrounding RR 334 & US 55	25			
2002	Finished Water: Total Dissolved Solids	No Concern	Lower 25 miles of segment	25			
2002	Finished Water: Total Dissolved Solids	No Concern	Remainder of segment	73			
2002	Finished Water: MTBE	No Concern	25 miles surrounding RR 334 & US 55	25			
2002	Finished Water: MTBE	No Concern	Lower 25 miles of segment	25			

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**Public Water Supply Concern** (continued)

2002	Finished Water: MTBE	No Concern	Remainder of segment	73			
2002	Finished Water: Perchlorate	Not Assessed	25 miles surrounding RR 334 & US 55	25			
2002	Finished Water: Perchlorate	Not Assessed	Lower 25 miles of segment	25			
2002	Finished Water: Perchlorate	Not Assessed	Remainder of segment	73			
2002	Finished Water: Overall	No Concern	25 miles surrounding RR 334 & US 55	25			
2002	Finished Water: Overall	No Concern	Lower 25 miles of segment	25			
2002	Finished Water: Overall	No Concern	Remainder of segment	73			
2002	Surface Water: Chloride	No Concern	25 miles surrounding RR 334 & US 55	25	31		20.1
2002	Surface Water: Chloride	No Concern	Lower 25 miles of segment	25	31		20.1
2002	Surface Water: Chloride	No Concern	Remainder of segment	73	31		20.1
2002	Surface Water: Sulfate	No Concern	25 miles surrounding RR 334 & US 55	25	31		16.1
2002	Surface Water: Sulfate	No Concern	Lower 25 miles of segment	25	31		16.1
2002	Surface Water: Sulfate	No Concern	Remainder of segment	73	31		16.1
2002	Surface Water: Total Dissolved Solids	No Concern	25 miles surrounding RR 334 & US 55	25	41		292.85
2002	Surface Water: Total Dissolved Solids	No Concern	Lower 25 miles of segment	25	41		292.85
2002	Surface Water: Total Dissolved Solids	No Concern	Remainder of segment	73	41		292.85
2002	Surface Water: Overall	No Concern	25 miles surrounding RR 334 & US 55	25			
2002	Surface Water: Overall	No Concern	Lower 25 miles of segment	25			
2002	Surface Water: Overall	No Concern	Remainder of segment	73			
2002	Overall Public Water Supply Concerns	No Concern	25 miles surrounding RR 334 & US 55	25			

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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	Remainder of segment	73			

**Narrative Criteria Concern**

2002	Overall Narrative Criteria Concerns	No Concern	25 miles surrounding RR 334 & US 55	25			
2002	Overall Narrative Criteria Concerns	No Concern	Lower 25 miles of segment	25			
2002	Overall Narrative Criteria Concerns	No Concern	Remainder of segment	73			

**Overall Secondary Concern**

2002		No Concern	25 miles surrounding RR 334 & US 55	25			
2002		No Concern	Lower 25 miles of segment	25			
2002		No Concern	Remainder of segment	73			