

**Segment ID:** 2109      **Water body name:** Leona River

Freshwater Stream

Nueces River Basin

Total size:

85

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	Not Assessed	Entire segment	85	7	0	
2002	Dissolved Oxygen grab minimum	No Concern-Limited Data	Entire segment	85	7	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Entire segment	85	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Entire segment	85	0		
2002	Overall Aquatic Life Use	Not Assessed	Entire segment	85			

**Contact Recreation Use**

2002	E. coli single sample	Not Assessed	Entire segment	85	0		
2002	E. coli geometric mean	Not Assessed	Entire segment	85	0		
2002	Fecal coliform single sample	No Concern-Limited Data	Entire segment	85	7	0	
2002	Fecal coliform geometric mean	No Concern-Limited Data	Entire segment	85	7		178.5
2002	Overall Recreation Use	Not Assessed	Entire segment	85			

**General Use**

2002	Water Temperature	Fully Supporting	Entire segment	85	13	0	
2002	pH	No Concern-Limited Data	Entire segment	85	5	0	
2002	Chloride	Fully Supporting	Entire segment	85	13		178.8
2002	Sulfate	Fully Supporting	Entire segment	85	13		339.1

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**General Use** (continued)

2002	Total Dissolved Solids	Fully Supporting	Entire segment	85	20		851.77
2002	Overall General Use	Fully Supporting	Entire segment	85			

**Fish Consumption Use**

2002	Overall Fish Consumption Use	Not Assessed	Entire segment	85			
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**Public Water Supply Use**

2002	Finished Water: Running Avg	Fully Supporting	Entire segment	85			
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Entire segment	85	12		9.47
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Entire segment	85	12	0	
2002	Overall Public Water Supply Use	Fully Supporting	Entire segment	85			

**Overall Use Support**

2002		Fully Supporting	Entire segment	85			
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**Nutrient Enrichment Concern**

2002	Ammonia Nitrogen	No Concern	Entire segment	85	13	0	
2002	Nitrite + Nitrate Nitrogen	Concern	Entire segment	85	12	12	
2002	Orthophosphorus	No Concern	Entire segment	85	12	0	
2002	Total Phosphorus	No Concern	Entire segment	85	13	0	
2002	Overall Nutrient Enrichment Concerns	Concern	Entire segment	85			

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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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**Algal Growth Concern**

2002	Chlorophyll a	No Concern	Entire segment	85	13	0	
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**Sediment Contaminants Concern**

2002	Overall Sediment Contaminant Concerns	Not Assessed	Entire segment	85			
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**Fish Tissue Contaminants Concern**

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Entire segment	85			
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**Public Water Supply Concern**

2002	Finished Water: Chloride	No Concern	Entire segment	85			
2002	Finished Water: Sulfate	No Concern	Entire segment	85			
2002	Finished Water: Total Dissolved Solids	No Concern	Entire segment	85			
2002	Finished Water: MTBE	No Concern	Entire segment	85			
2002	Finished Water: Perchlorate	Not Assessed	Entire segment	85			
2002	Finished Water: Overall	No Concern	Entire segment	85			
2002	Surface Water: Chloride	No Concern	Entire segment	85	13		178.8
2002	Surface Water: Sulfate	Concern	Entire segment	85	13		339.1
2002	Surface Water: Total Dissolved Solids	No Concern	Entire segment	85	20		851.77
2002	Surface Water: Overall	Concern	Entire segment	85			

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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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**Public Water Supply Concern** (continued)

2002	Overall Public Water Supply Concerns	Concern	Entire segment	85			
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**Narrative Criteria Concern**

2002	Overall Narrative Criteria Concerns	No Concern	Entire segment	85			
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**Overall Secondary Concern**

2002		Concern	Entire segment	85			
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