

Segment ID: 1907 **Water body name:** Upper Leon Creek

Freshwater Stream

San Antonio River Basin

Total size:

25

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	25	5	0	
2002	Dissolved Oxygen grab minimum	No Concern-Limited Data	Entire segment	25	5	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Entire segment	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Entire segment	25	0		
2002	Overall Aquatic Life Use	Not Assessed	Entire segment	25			

Contact Recreation Use

2002	E. coli single sample	Not Assessed	Entire segment	25	2	0	
2002	E. coli geometric mean	Not Assessed	Entire segment	25	2		8
2002	Fecal coliform single sample	No Concern-Limited Data	Entire segment	25	5	0	
2002	Fecal coliform geometric mean	No Concern-Limited Data	Entire segment	25	5		21
2002	Overall Recreation Use	Not Assessed	Entire segment	25			

General Use

2002	Water Temperature	No Concern-Limited Data	Entire segment	25	5	0	
2002	pH	No Concern-Limited Data	Entire segment	25	5	0	
2002	Chloride	No Concern-Limited Data	Entire segment	25	5		36.2

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General Use (continued)

2002	Sulfate	No Concern-Limited Data	Entire segment	25	5		54.6
2002	Total Dissolved Solids	No Concern-Limited Data	Entire segment	25	6		416.3
2002	Overall General Use	Not Assessed	Entire segment	25			

Fish Consumption Use

2002	Overall Fish Consumption Use	Not Assessed	Entire segment	25			
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Public Water Supply Use

2002	Finished Water: Running Avg	Fully Supporting	Entire segment	25			
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	Entire segment	25	5		1.1
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	Entire segment	25	5	0	
2002	Overall Public Water Supply Use	Fully Supporting	Entire segment	25			

Overall Use Support

2002		Fully Supporting	Entire segment	25			
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Nutrient Enrichment Concern

2002	Ammonia Nitrogen	Not Assessed	Entire segment	25	4	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Entire segment	25	5	0	
2002	Orthophosphorus	Not Assessed	Entire segment	25	4	0	

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Nutrient Enrichment Concern (continued)

2002	Total Phosphorus	Not Assessed	Entire segment	25	5	0	
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Entire segment	25			

Algal Growth Concern

2002	Chlorophyll a	Not Assessed	Entire segment	25	4	0	
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Sediment Contaminants Concern

2002	Overall Sediment Contaminant Concerns	Not Assessed	Entire segment	25			
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Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Entire segment	25			
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Public Water Supply Concern

2002	Finished Water: Chloride	No Concern	Entire segment	25			
2002	Finished Water: Sulfate	No Concern	Entire segment	25			
2002	Finished Water: Total Dissolved Solids	No Concern	Entire segment	25			
2002	Finished Water: MTBE	No Concern	Entire segment	25			
2002	Finished Water: Perchlorate	Not Assessed	Entire segment	25			
2002	Finished Water: Overall	No Concern	Entire segment	25			
2002	Surface Water: Chloride	Not Assessed	Entire segment	25	5		36.2
2002	Surface Water: Sulfate	Not Assessed	Entire segment	25	5		54.6

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Public Water Supply Concern (continued)

2002	Surface Water: Total Dissolved Solids	Not Assessed	Entire segment	25	6		416.3
2002	Surface Water: Overall	Not Assessed	Entire segment	25			
2002	Overall Public Water Supply Concerns	No Concern	Entire segment	25			

Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	Entire segment	25			
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Overall Secondary Concern

2002		No Concern	Entire segment	25			
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