

Segment ID: 1905 **Water body name:** Medina River Above Medina Lake

Freshwater Stream San Antonio River Basin Total size: 34 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	From lower end of segment to RR 470, upstream of Bandera	19	14	0	
2002	Dissolved Oxygen grab average	No Concern	Remainder of segment	15	21	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	From lower end of segment to RR 470, upstream of Bandera	19	14	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Remainder of segment	15	21	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	From lower end of segment to RR 470, upstream of Bandera	19	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Remainder of segment	15	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	From lower end of segment to RR 470, upstream of Bandera	19	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Remainder of segment	15	0		
2002	Acute Metals in water	Not Assessed	From lower end of segment to RR 470, upstream of Bandera	19	1		
2002	Acute Metals in water	Not Assessed	Remainder of segment	15	2	0	
2002	Chronic Metals in water	Not Assessed	From lower end of segment to RR 470, upstream of Bandera	19	1		
2002	Chronic Metals in water	Not Assessed	Remainder of segment	15	2		
2002	Overall Aquatic Life Use	Fully Supporting	From lower end of segment to RR 470, upstream of Bandera	19			
2002	Overall Aquatic Life Use	Fully Supporting	Remainder of segment	15			

Contact Recreation Use

2002	E. coli single sample	No Concern-Limited Data	From lower end of segment to RR 470, upstream of Bandera	19	9	0	
2002	E. coli single sample	Not Assessed	Remainder of segment	15	1		

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Contact Recreation Use (continued)

2002	E. coli geometric mean	No Concern-Limited Data	From lower end of segment to RR 470, upstream of Bandera	19	9		47
2002	E. coli geometric mean	Not Assessed	Remainder of segment	15	1		
2002	Fecal coliform single sample	Fully Supporting	From lower end of segment to RR 470, upstream of Bandera	19	13	1	
2002	Fecal coliform single sample	Fully Supporting	Remainder of segment	15	17	0	
2002	Fecal coliform geometric mean	Fully Supporting	From lower end of segment to RR 470, upstream of Bandera	19	13		55
2002	Fecal coliform geometric mean	Fully Supporting	Remainder of segment	15	17		28.9
2002	Overall Recreation Use	Fully Supporting	From lower end of segment to RR 470, upstream of Bandera	19			
2002	Overall Recreation Use	Fully Supporting	Remainder of segment	15			

General Use

2002	Water Temperature	Fully Supporting	From lower end of segment to RR 470, upstream of Bandera	19	16	0	
2002	Water Temperature	Fully Supporting	Remainder of segment	15	21	0	
2002	pH	Fully Supporting	From lower end of segment to RR 470, upstream of Bandera	19	14	0	
2002	pH	No Concern-Limited Data	Remainder of segment	15	8	0	
2002	Chloride	Fully Supporting	From lower end of segment to RR 470, upstream of Bandera	19	12		9.8
2002	Chloride	Fully Supporting	Remainder of segment	15	12		9.8
2002	Sulfate	Fully Supporting	From lower end of segment to RR 470, upstream of Bandera	19	12		104.3

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General Use (continued)

2002	Sulfate	Fully Supporting	Remainder of segment	15	12		104.3
2002	Total Dissolved Solids	Fully Supporting	From lower end of segment to RR 470, upstream of Bandera	19	35		367.9
2002	Total Dissolved Solids	Fully Supporting	Remainder of segment	15	35		367.9
2002	Overall General Use	Fully Supporting	From lower end of segment to RR 470, upstream of Bandera	19			
2002	Overall General Use	Fully Supporting	Remainder of segment	15			

Fish Consumption Use

2002	Human Health Criteria Lead	Not Assessed	From lower end of segment to RR 470, upstream of Bandera	19	1		
2002	Human Health Criteria Lead	Not Assessed	Remainder of segment	15	2		
2002	Overall Fish Consumption Use	Not Assessed	From lower end of segment to RR 470, upstream of Bandera	19			
2002	Overall Fish Consumption Use	Not Assessed	Remainder of segment	15			

Public Water Supply Use

2002	Finished Water: Running Avg	Fully Supporting	From lower end of segment to RR 470, upstream of Bandera	19			
2002	Finished Water: Running Avg	Fully Supporting	Remainder of segment	15			
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	From lower end of segment to RR 470, upstream of Bandera	19	13		0.45
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Remainder of segment	15	15		0.3
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	From lower end of segment to RR 470, upstream of Bandera	19	13		

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Public Water Supply Use (continued)

2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Remainder of segment	15	15	0	
2002	Overall Public Water Supply Use	Fully Supporting	From lower end of segment to RR 470, upstream of Bandera	19			
2002	Overall Public Water Supply Use	Fully Supporting	Remainder of segment	15			

Overall Use Support

2002		Fully Supporting	From lower end of segment to RR 470, upstream of Bandera	19			
2002		Fully Supporting	Remainder of segment	15			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	From lower end of segment to RR 470, upstream of Bandera	19	11	0	
2002	Ammonia Nitrogen	No Concern	Remainder of segment	15	13	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	From lower end of segment to RR 470, upstream of Bandera	19	13	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Remainder of segment	15	15	0	
2002	Orthophosphorus	No Concern	From lower end of segment to RR 470, upstream of Bandera	19	10	0	
2002	Orthophosphorus	Not Assessed	Remainder of segment	15	6	0	
2002	Total Phosphorus	No Concern	From lower end of segment to RR 470, upstream of Bandera	19	13	0	
2002	Total Phosphorus	No Concern	Remainder of segment	15	13	0	
2002	Overall Nutrient Enrichment Concerns	No Concern	From lower end of segment to RR 470, upstream of Bandera	19			

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Nutrient Enrichment Concern (continued)

2002	Overall Nutrient Enrichment Concerns	No Concern	Remainder of segment	15			
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Algal Growth Concern

2002	Chlorophyll a	Not Assessed	From lower end of segment to RR 470, upstream of Bandera	19	4	0	
2002	Chlorophyll a	Not Assessed	Remainder of segment	15	4	0	

Sediment Contaminants Concern

2002	Overall Sediment Contaminant Concerns	Not Assessed	From lower end of segment to RR 470, upstream of Bandera	19			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Remainder of segment	15			

Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	From lower end of segment to RR 470, upstream of Bandera	19			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Remainder of segment	15			

Public Water Supply Concern

2002	Finished Water: Chloride	No Concern	From lower end of segment to RR 470, upstream of Bandera	19			
2002	Finished Water: Chloride	No Concern	Remainder of segment	15			
2002	Finished Water: Sulfate	No Concern	From lower end of segment to RR 470, upstream of Bandera	19			
2002	Finished Water: Sulfate	No Concern	Remainder of segment	15			
2002	Finished Water: Total Dissolved Solids	No Concern	From lower end of segment to RR 470, upstream of Bandera	19			

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Public Water Supply Concern (continued)

2002	Finished Water: Total Dissolved Solids	No Concern	Remainder of segment	15			
2002	Finished Water: MTBE	No Concern	From lower end of segment to RR 470, upstream of Bandera	19			
2002	Finished Water: MTBE	No Concern	Remainder of segment	15			
2002	Finished Water: Perchlorate	Not Assessed	From lower end of segment to RR 470, upstream of Bandera	19			
2002	Finished Water: Perchlorate	Not Assessed	Remainder of segment	15			
2002	Finished Water: Overall	No Concern	From lower end of segment to RR 470, upstream of Bandera	19			
2002	Finished Water: Overall	No Concern	Remainder of segment	15			
2002	Surface Water: Chloride	No Concern	From lower end of segment to RR 470, upstream of Bandera	19	12		9.8
2002	Surface Water: Chloride	No Concern	Remainder of segment	15	12		9.8
2002	Surface Water: Sulfate	No Concern	From lower end of segment to RR 470, upstream of Bandera	19	12		104.3
2002	Surface Water: Sulfate	No Concern	Remainder of segment	15	12		104.3
2002	Surface Water: Total Dissolved Solids	No Concern	From lower end of segment to RR 470, upstream of Bandera	19	35		367.9
2002	Surface Water: Total Dissolved Solids	No Concern	Remainder of segment	15	35		367.9
2002	Surface Water: Overall	No Concern	From lower end of segment to RR 470, upstream of Bandera	19			
2002	Surface Water: Overall	No Concern	Remainder of segment	15			

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Public Water Supply Concern (continued)

2002	Overall Public Water Supply Concerns	No Concern	From lower end of segment to RR 470, upstream of Bandera	19			
2002	Overall Public Water Supply Concerns	No Concern	Remainder of segment	15			

Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	From lower end of segment to RR 470, upstream of Bandera	19			
2002	Overall Narrative Criteria Concerns	No Concern	Remainder of segment	15			

Overall Secondary Concern

2002		No Concern	From lower end of segment to RR 470, upstream of Bandera	19			
2002		No Concern	Remainder of segment	15			