

Segment ID: 1902 Water body name: Lower Cibolo Creek

Freshwater Stream

San Antonio River Basin

Total size:

71 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 5 miles upstream of confluence with the San Antonio River to FM 541	14	18	0	
2002	Dissolved Oxygen grab average	No Concern	From FM 541 to confluence with Clifton Branch	9	17	1	
2002	Dissolved Oxygen grab average	No Concern	From confluence with Clifton Branch to the confluence with Elm Creek	19	11	0	
2002	Dissolved Oxygen grab average	No Concern	Lower 5 miles of segment	5	16	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	From 5 miles upstream of confluence with the San Antonio River to FM 541	14	18	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	From FM 541 to confluence with Clifton Branch	9	17	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	From confluence with Clifton Branch to the confluence with Elm Creek	19	11	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Lower 5 miles of segment	5	16	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	From 5 miles upstream of confluence with the San Antonio River to FM 541	14	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	From FM 541 to confluence with Clifton Branch	9	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	From confluence with Clifton Branch to the confluence with Elm Creek	19	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Lower 5 miles of segment	5	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	From 5 miles upstream of confluence with the San Antonio River to FM 541	14	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	From FM 541 to confluence with Clifton Branch	9	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	From confluence with Clifton Branch to the confluence with Elm Creek	19	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Lower 5 miles of segment	5	0		
2002	Acute Metals in water	Not Assessed	From 5 miles upstream of confluence with the San Antonio River to FM 541	14	3	0	
2002	Acute Metals in water	Not Assessed	From FM 541 to confluence with Clifton Branch	9	2		

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Aquatic Life Use (continued)

2002	Chronic Metals in water	Not Assessed	From 5 miles upstream of confluence with the San Antonio River to FM 541	14	3		
2002	Chronic Metals in water	Not Assessed	From FM 541 to confluence with Clifton Branch	9	2		
2002	Overall Aquatic Life Use	Fully Supporting	From 5 miles upstream of confluence with the San Antonio River to FM 541	14			
2002	Overall Aquatic Life Use	Fully Supporting	From FM 541 to confluence with Clifton Branch	9			
2002	Overall Aquatic Life Use	Fully Supporting	From confluence with Clifton Branch to the confluence with Elm Creek	19			
2002	Overall Aquatic Life Use	Fully Supporting	Lower 5 miles of segment	5			
2002	Overall Aquatic Life Use	Not Assessed	Upper end of segment	24			

Contact Recreation Use

2004	E. coli single sample	Fully Supporting	From 5 miles upstream of confluence with the San Antonio River to FM 541	14	20	3	
2004	E. coli single sample	Use Concern-Limited Data	From FM 541 to confluence with Clifton Branch	9	5	2	
2004	E. coli single sample	No Concern-Limited Data	From confluence with Clifton Branch to the confluence with Elm Creek	19	5	0	
2004	E. coli single sample	Not Assessed	Lower 5 miles of segment	5	3	0	
2004	E. coli geometric mean	Not Supporting	From 5 miles upstream of confluence with the San Antonio River to FM 541	14	20		204
2004	E. coli geometric mean	Use Concern-Limited Data	From FM 541 to confluence with Clifton Branch	9	5		846
2004	E. coli geometric mean	No Concern-Limited Data	From confluence with Clifton Branch to the confluence with Elm Creek	19	5		63.9
2004	E. coli geometric mean	Not Assessed	Lower 5 miles of segment	5	3		53.8
2004	Fecal coliform single sample	Not Assess-Not Represent	From 5 miles upstream of confluence with the San Antonio River to FM 541	14	19	3	

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Contact Recreation Use (continued)

2004	Fecal coliform single sample	Use Concern-Limited Data	From FM 541 to confluence with Clifton Branch	9	5	2	
2004	Fecal coliform single sample	Fully Supporting	From confluence with Clifton Branch to the confluence with Elm Creek	19	11	1	
2004	Fecal coliform single sample	No Concern-Limited Data	Lower 5 miles of segment	5	8	0	
2004	Fecal coliform geometric mean	Not Assess-Not Represent	From 5 miles upstream of confluence with the San Antonio River to FM 541	14	19		278
2004	Fecal coliform geometric mean	Use Concern-Limited Data	From FM 541 to confluence with Clifton Branch	9	5		1,572
2004	Fecal coliform geometric mean	Fully Supporting	From confluence with Clifton Branch to the confluence with Elm Creek	19	11		83
2004	Fecal coliform geometric mean	No Concern-Limited Data	Lower 5 miles of segment	5	8		56
2004	Overall Recreation Use	Not Supporting	From 5 miles upstream of confluence with the San Antonio River to FM 541	14			
2004	Overall Recreation Use	Not Assessed	From FM 541 to confluence with Clifton Branch	9			
2004	Overall Recreation Use	Fully Supporting	From confluence with Clifton Branch to the confluence with Elm Creek	19			
2004	Overall Recreation Use	Not Assessed	Lower 5 miles of segment	5			
2004	Overall Recreation Use	Not Assessed	Upper end of segment	24			

General Use

2002	Water Temperature	Fully Supporting	From 5 miles upstream of confluence with the San Antonio River to FM 541	14	20	0	
2002	Water Temperature	Fully Supporting	From FM 541 to confluence with Clifton Branch	9	17	0	
2002	Water Temperature	Fully Supporting	From confluence with Clifton Branch to the confluence with Elm Creek	19	11	0	
2002	Water Temperature	Fully Supporting	Lower 5 miles of segment	5	16	0	

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General Use (continued)

2002	pH	Fully Supporting	From 5 miles upstream of confluence with the San Antonio River to FM 541	14	16	0	
2002	pH	Fully Supporting	From FM 541 to confluence with Clifton Branch	9	14	0	
2002	pH	Fully Supporting	From confluence with Clifton Branch to the confluence with Elm Creek	19	11	0	
2002	pH	Fully Supporting	Lower 5 miles of segment	5	16	0	
2002	Chloride	Fully Supporting	From 5 miles upstream of confluence with the San Antonio River to FM 541	14	78		96.4
2002	Chloride	Fully Supporting	From FM 541 to confluence with Clifton Branch	9	78		96.4
2002	Chloride	Fully Supporting	From confluence with Clifton Branch to the confluence with Elm Creek	19	78		96.4
2002	Chloride	Fully Supporting	Lower 5 miles of segment	5	78		96.4
2002	Chloride	Fully Supporting	Upper end of segment	24	78		96.4
2002	Sulfate	Fully Supporting	From 5 miles upstream of confluence with the San Antonio River to FM 541	14	78		125.8
2002	Sulfate	Fully Supporting	From FM 541 to confluence with Clifton Branch	9	78		125.8
2002	Sulfate	Fully Supporting	From confluence with Clifton Branch to the confluence with Elm Creek	19	78		125.8
2002	Sulfate	Fully Supporting	Lower 5 miles of segment	5	78		125.8
2002	Sulfate	Fully Supporting	Upper end of segment	24	78		125.8
2002	Total Dissolved Solids	Fully Supporting	From 5 miles upstream of confluence with the San Antonio River to FM 541	14	97		626.1
2002	Total Dissolved Solids	Fully Supporting	From FM 541 to confluence with Clifton Branch	9	97		626.1
2002	Total Dissolved Solids	Fully Supporting	From confluence with Clifton Branch to the confluence with Elm Creek	19	97		626.1
2002	Total Dissolved Solids	Fully Supporting	Lower 5 miles of segment	5	97		626.1
2002	Total Dissolved Solids	Fully Supporting	Upper end of segment	24	97		626.1

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General Use (continued)

2002	Overall General Use	Fully Supporting	From 5 miles upstream of confluence with the San Antonio River to FM 541	14			
2002	Overall General Use	Fully Supporting	From FM 541 to confluence with Clifton Branch	9			
2002	Overall General Use	Fully Supporting	From confluence with Clifton Branch to the confluence with Elm Creek	19			
2002	Overall General Use	Fully Supporting	Lower 5 miles of segment	5			
2002	Overall General Use	Fully Supporting	Upper end of segment	24			

Fish Consumption Use

2002	Human Health Criteria	Not Assessed	From 5 miles upstream of confluence with the San Antonio River to FM 541	14	1		
2002	Human Health Criteria	Not Assessed	From FM 541 to confluence with Clifton Branch	9	2		
2002	Overall Fish Consumption Use	Not Assessed	From 5 miles upstream of confluence with the San Antonio River to FM 541	14			
2002	Overall Fish Consumption Use	Not Assessed	From FM 541 to confluence with Clifton Branch	9			
2002	Overall Fish Consumption Use	Not Assessed	From confluence with Clifton Branch to the confluence with Elm Creek	19			
2002	Overall Fish Consumption Use	Not Assessed	Lower 5 miles of segment	5			
2002	Overall Fish Consumption Use	Not Assessed	Upper end of segment	24			

Overall Use Support

2004		Not Supporting	From 5 miles upstream of confluence with the San Antonio River to FM 541	14			
2004		Fully Supporting	From FM 541 to confluence with Clifton Branch	9			
2004		Fully Supporting	From confluence with Clifton Branch to the confluence with Elm Creek	19			
2004		Fully Supporting	Lower 5 miles of segment	5			
2004		Fully Supporting	Upper end of segment	24			

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Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	From 5 miles upstream of confluence with the San Antonio River to FM 541	14	16	0	
2002	Ammonia Nitrogen	No Concern	From FM 541 to confluence with Clifton Branch	9	12	0	
2002	Ammonia Nitrogen	No Concern	From confluence with Clifton Branch to the confluence with Elm Creek	19	12	0	
2002	Ammonia Nitrogen	No Concern	Lower 5 miles of segment	5	17	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	From 5 miles upstream of confluence with the San Antonio River to FM 541	14	16	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	From FM 541 to confluence with Clifton Branch	9	13	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	From confluence with Clifton Branch to the confluence with Elm Creek	19	13	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Lower 5 miles of segment	5	17	1	
2002	Orthophosphorus	No Concern	From 5 miles upstream of confluence with the San Antonio River to FM 541	14	13	0	
2002	Orthophosphorus	No Concern	From FM 541 to confluence with Clifton Branch	9	11	0	
2002	Orthophosphorus	No Concern	From confluence with Clifton Branch to the confluence with Elm Creek	19	11	0	
2002	Orthophosphorus	No Concern	Lower 5 miles of segment	5	16	0	
2002	Total Phosphorus	No Concern	From 5 miles upstream of confluence with the San Antonio River to FM 541	14	10	0	
2002	Total Phosphorus	No Concern	From FM 541 to confluence with Clifton Branch	9	12	0	
2002	Total Phosphorus	No Concern	From confluence with Clifton Branch to the confluence with Elm Creek	19	12	0	
2002	Total Phosphorus	No Concern	Lower 5 miles of segment	5	17	0	
2002	Overall Nutrient Enrichment Concerns	No Concern	From 5 miles upstream of confluence with the San Antonio River to FM 541	14			

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Nutrient Enrichment Concern (continued)

2002	Overall Nutrient Enrichment Concerns	No Concern	From FM 541 to confluence with Clifton Branch	9			
2002	Overall Nutrient Enrichment Concerns	No Concern	From confluence with Clifton Branch to the confluence with Elm Creek	19			
2002	Overall Nutrient Enrichment Concerns	No Concern	Lower 5 miles of segment	5			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Upper end of segment	24			

Algal Growth Concern

2002	Chlorophyll a	Not Assessed	From 5 miles upstream of confluence with the San Antonio River to FM 541	14	1	0	
2002	Chlorophyll a	Not Assessed	From FM 541 to confluence with Clifton Branch	9	2	0	
2002	Chlorophyll a	Not Assessed	From confluence with Clifton Branch to the confluence with Elm Creek	19	2	0	
2002	Chlorophyll a	No Concern	Lower 5 miles of segment	5	17	1	
2002	Chlorophyll a	Not Assessed	Upper end of segment	24			

Sediment Contaminants Concern

2002	Metals in sediment	Not Assessed	From confluence with Clifton Branch to the confluence with Elm Creek	19	1		
2002	Metals in sediment	Not Assessed	Lower 5 miles of segment	5	1		
2002	Overall Sediment Contaminant Concerns	Not Assessed	From 5 miles upstream of confluence with the San Antonio River to FM 541	14			
2002	Overall Sediment Contaminant Concerns	Not Assessed	From FM 541 to confluence with Clifton Branch	9			
2002	Overall Sediment Contaminant Concerns	Not Assessed	From confluence with Clifton Branch to the confluence with Elm Creek	19			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Lower 5 miles of segment	5			

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Sediment Contaminants Concern (continued)

2002	Overall Sediment Contaminant Concerns	Not Assessed	Upper end of segment	24			
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Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	From 5 miles upstream of confluence with the San Antonio River to FM 541	14			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	From FM 541 to confluence with Clifton Branch	9			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	From confluence with Clifton Branch to the confluence with Elm Creek	19			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 5 miles of segment	5			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper end of segment	24			

Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	From 5 miles upstream of confluence with the San Antonio River to FM 541	14			
2002	Overall Narrative Criteria Concerns	No Concern	From FM 541 to confluence with Clifton Branch	9			
2002	Overall Narrative Criteria Concerns	No Concern	From confluence with Clifton Branch to the confluence with Elm Creek	19			
2002	Overall Narrative Criteria Concerns	No Concern	Lower 5 miles of segment	5			
2002	Overall Narrative Criteria Concerns	No Concern	Upper end of segment	24			

Overall Secondary Concern

2002		No Concern	From 5 miles upstream of confluence with the San Antonio River to FM 541	14			
2002		No Concern	From FM 541 to confluence with Clifton Branch	9			

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Overall Secondary Concern (continued)

2002		No Concern	From confluence with Clifton Branch to the confluence with Elm Creek	19			
2002		No Concern	Lower 5 miles of segment	5			
2002		No Concern	Upper end of segment	24			