Segment ID: 1908 **Water body name:** Upper Cibolo Creek

Freshwater Stream | San Antonio River Basin | Total size: 66 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Aquatic Life Use						
Dissolved Oxygen grab average	Not Assessed	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13	3	0	
Dissolved Oxygen grab average	No Concern	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10	36	2	
Dissolved Oxygen grab minimum	Not Assessed	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13	3	0	
Dissolved Oxygen grab minimum	Fully Supporting	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10	36	0	
Dissolved Oxygen 24hr average	Not Assessed	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13	0		
Dissolved Oxygen 24hr average	Not Assessed	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10	0		
Dissolved Oxygen 24hr minimum	Not Assessed	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13	0		
Dissolved Oxygen 24hr minimum	Not Assessed	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10	0		
Acute Metals in water	Not Assessed	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10	1		
Chronic Metals in water	Not Assessed	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10	1		
Overall Aquatic Life Use	Not Assessed	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13			
Overall Aquatic Life Use	Fully Supporting	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10			
Overall Aquatic Life Use	Not Assessed	Lower 43 miles of segment	43			

Segment ID: 1908 **Water body name:** Upper Cibolo Creek

Freshwater Stream | San Antonio River Basin | Total size: 66 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Contact Recreation Use						
E. coli single sample	Not Assessed	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13	0		
E. coli single sample	Not Assessed	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10	0		
E. coli geometric mean	Not Assessed	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13	0		
E. coli geometric mean	Not Assessed	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10	0		
Fecal coliform single sample	Not Assessed	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13	3	0	
Fecal coliform single sample	Fully Supporting	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10	29	2	
Fecal coliform geometric mean	Not Assessed	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13	3		10.1
Fecal coliform geometric mean	Fully Supporting	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10	29		83.7
Overall Recreation Use	Not Assessed	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13			
Overall Recreation Use	Fully Supporting	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10			
Overall Recreation Use	Not Assessed	Lower 43 miles of segment	43			
General Use						
Water Temperature	Not Assessed	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13	3	0	
Water Temperature	Fully Supporting	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10	36	0	

Segment ID: 1908 **Water body name:** Upper Cibolo Creek

Freshwater Stream | San Antonio River Basin | Total size: 66 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
General Use (continued)						
pH	Not Assessed	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13	0		
pH	Fully Supporting	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10	29	0	
Chloride	Fully Supporting	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13	36		30.9
Chloride	Fully Supporting	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10	36		30.9
Chloride	Fully Supporting	Lower 43 miles of segment	43	36		30.9
Sulfate	Fully Supporting	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13	36		135.1
Sulfate	Fully Supporting	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10	36		135.1
Sulfate	Fully Supporting	Lower 43 miles of segment	43	36		135.1
Total Dissolved Solids	Fully Supporting	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13	43		358.4
Total Dissolved Solids	Fully Supporting	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10	43		358.4
Total Dissolved Solids	Fully Supporting	Lower 43 miles of segment	43	43		358.4
Overall General Use	Fully Supporting	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13			
Overall General Use	Fully Supporting	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10			
Overall General Use	Fully Supporting	Lower 43 miles of segment	43			
Fish Consumption Use						
Human Health Criteria Metals	Not Assessed	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10	1		

Segment ID: 1908 **Water body name:** Upper Cibolo Creek

Freshwater Stream | San Antonio River Basin | Total size: 66 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Fish Consumption Use (continued)						
Overall Fish Consumption Use	Not Assessed	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13			
Overall Fish Consumption Use	Not Assessed	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10			
Overall Fish Consumption Use	Not Assessed	Lower 43 miles of segment	43			
Public Water Supply Use						
Finished Water: Running Avg	Fully Supporting	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13			
Finished Water: Running Avg	Fully Supporting	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10			
Surface Water: Long-term average Metals	Fully Supporting	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10	33		0.65
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Not Assessed	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13	3		
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Not Assessed	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10	1		
Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10	33	0	
Overall Public Water Supply Use	Fully Supporting	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13			
Overall Public Water Supply Use	Fully Supporting	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10			
Overall Public Water Supply Use	Fully Supporting	Lower 43 miles of segment	43			
Overall Use Support						
	Fully Supporting	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13			

Segment ID: 1908 **Water body name:** Upper Cibolo Creek

Freshwater Stream | San Antonio River Basin | Total size: 66 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Overall Use Support (continued)						
	Fully Supporting	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10			
	Fully Supporting	Lower 43 miles of segment	43			
Nutrient Enrichment Concern						
Ammonia Nitrogen	Not Assessed	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13	3	0	
Ammonia Nitrogen	No Concern	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10	31	4	
Nitrite + Nitrate Nitrogen	Not Assessed	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13	3	0	
Nitrite + Nitrate Nitrogen	No Concern	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10	33	1	
Orthophosphorus	Not Assessed	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13	0		
Orthophosphorus	Concern	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10	26	7	
Total Phosphorus	Not Assessed	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13	3	0	
Total Phosphorus	No Concern	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10	33	7	
Overall Nutrient Enrichment Concerns	Not Assessed	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13			
Overall Nutrient Enrichment Concerns	Concern	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10			
Overall Nutrient Enrichment Concerns	Not Assessed	Lower 43 miles of segment	43			

Segment ID: 1908 **Water body name:** Upper Cibolo Creek

Freshwater Stream | San Antonio River Basin | Total size: 66 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Algal Growth Concern						
Chlorophyll a	Not Assessed	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13			
Chlorophyll a	No Concern	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10	20	2	
Chlorophyll a	Not Assessed	Lower 43 miles of segment	43			
Sediment Contaminants Concern						
Overall Sediment Contaminant Concerns	Not Assessed	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13			
Overall Sediment Contaminant Concerns	Not Assessed	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10			
Overall Sediment Contaminant Concerns	Not Assessed	Lower 43 miles of segment	43			
Fish Tissue Contaminants Concern						
Overall Fish Tissue Contaminant Concerns	Not Assessed	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13			
Overall Fish Tissue Contaminant Concerns	Not Assessed	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 43 miles of segment	43			
Public Water Supply Concern						
Finished Water: Chloride	No Concern	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13			
Finished Water: Chloride	No Concern	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10			
Finished Water: Chloride	No Concern	Lower 43 miles of segment	43			
Finished Water: Sulfate	No Concern	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13			

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Freshwater Stream | San Antonio River Basin | Total size: 66 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Concern (continued)						
Finished Water: Sulfate	No Concern	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10			
Finished Water: Sulfate	No Concern	Lower 43 miles of segment	43			
Finished Water: Total Dissolved Solids	No Concern	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13			
Finished Water: Total Dissolved Solids	No Concern	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10			
Finished Water: Total Dissolved Solids	No Concern	Lower 43 miles of segment	43			
Finished Water: MTBE	No Concern	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13			
Finished Water: MTBE	No Concern	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10			
Finished Water: MTBE	No Concern	Lower 43 miles of segment	43			
Finished Water: Perchlorate	Not Assessed	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13			
Finished Water: Perchlorate	Not Assessed	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10			
Finished Water: Perchlorate	Not Assessed	Lower 43 miles of segment	43			
Finished Water: Overall	No Concern	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13			
Finished Water: Overall	No Concern	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10			
Finished Water: Overall	No Concern	Lower 43 miles of segment	43			
Surface Water: Chloride	No Concern	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13	36		30.9
Surface Water: Chloride	No Concern	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10	36		30.9

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Freshwater Stream | San Antonio River Basin | Total size: 66 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Concern (continued)						
Surface Water: Chloride	No Concern	Lower 43 miles of segment	43	36		30.9
Surface Water: Sulfate	No Concern	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13	36		135.1
Surface Water: Sulfate	No Concern	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10	36		135.1
Surface Water: Sulfate	No Concern	Lower 43 miles of segment	43	36		135.1
Surface Water: Total Dissolved Solids	No Concern	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13	43		358.4
Surface Water: Total Dissolved Solids	No Concern	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10	43		358.4
Surface Water: Total Dissolved Solids	No Concern	Lower 43 miles of segment	43	43		358.4
Surface Water: Overall	No Concern	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13			
Surface Water: Overall	No Concern	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10			
Surface Water: Overall	No Concern	Lower 43 miles of segment	43			
Overall Public Water Supply Concerns	No Concern	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13			
Overall Public Water Supply Concerns	No Concern	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10			
Overall Public Water Supply Concerns	No Concern	Lower 43 miles of segment	43			
Narrative Criteria Concern						
Overall Narrative Criteria Concerns	No Concern	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13			
Overall Narrative Criteria Concerns	No Concern	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10			

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Freshwater Stream | San Antonio River Basin | Total size: 66 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Narrative Criteria Concern (continued)						
Overall Narrative Criteria Concerns	No Concern	Lower 43 miles of segment	43			
Overall Secondary Concern						
	No Concern	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13			
	Concern	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	10			
	No Concern	Lower 43 miles of segment	43			