

**Segment ID:** 1906      **Water body name:** Lower Leon Creek

Freshwater Stream		San Antonio River Basin		Total size:		32 Miles	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
<b>Aquatic Life Use</b>							
2002	Dissolved Oxygen grab average	Use Concern	From 2 miles upstream of Hwy 353 to Hwy 90	7	12	3	
2002	Dissolved Oxygen grab average	Not Assessed	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	8	0	
2002	Dissolved Oxygen grab average	No Concern	From Hwy 353 to two miles upstream	2	15	0	
2002	Dissolved Oxygen grab average	Not Assessed	From confluence with Indian Creek to Hwy 353	6	9	1	
2002	Dissolved Oxygen grab average	No Concern	Lower 3 miles of segment	3	15	0	
2002	Dissolved Oxygen grab average	No Concern	Remainder of segment	11	13	1	
2002	Dissolved Oxygen grab minimum	Fully Supporting	From 2 miles upstream of Hwy 353 to Hwy 90	7	12	1	
2002	Dissolved Oxygen grab minimum	No Concern-Limited Data	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	8	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	From Hwy 353 to two miles upstream	2	15	0	
2002	Dissolved Oxygen grab minimum	No Concern-Limited Data	From confluence with Indian Creek to Hwy 353	6	9	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Lower 3 miles of segment	3	15	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Remainder of segment	11	13	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	From 2 miles upstream of Hwy 353 to Hwy 90	7	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	From Hwy 353 to two miles upstream	2	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	From confluence with Indian Creek to Hwy 353	6	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Lower 3 miles of segment	3	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Remainder of segment	11	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	From 2 miles upstream of Hwy 353 to Hwy 90	7	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	From Hwy 353 to two miles upstream	2	0		

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Freshwater Stream

San Antonio River Basin

Total size:

32

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** (continued)

2002	Dissolved Oxygen 24hr minimum	Not Assessed	From confluence with Indian Creek to Hwy 353	6	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Lower 3 miles of segment	3	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Remainder of segment	11	0		
2002	Acute Metals in water	Fully Supporting	From 2 miles upstream of Hwy 353 to Hwy 90	7	12	0	
2002	Acute Metals in water	Not Assessed	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	2		
2002	Acute Metals in water	Not Assessed	From Hwy 353 to two miles upstream	2	2		
2002	Acute Metals in water	Fully Supporting	From confluence with Indian Creek to Hwy 353	6	14	0	
2002	Acute Metals in water	Not Assessed	Lower 3 miles of segment	3	1		
2002	Acute Metals in water	Not Assessed	Remainder of segment	11	1		
2002	Chronic Metals in water	Fully Supporting	From 2 miles upstream of Hwy 353 to Hwy 90	7	12		
2002	Chronic Metals in water	Not Assessed	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	2		
2002	Chronic Metals in water	Not Assessed	From Hwy 353 to two miles upstream	2	2		
2002	Chronic Metals in water	Fully Supporting	From confluence with Indian Creek to Hwy 353	6	14		
2002	Chronic Metals in water	Not Assessed	Lower 3 miles of segment	3	1		
2002	Chronic Metals in water	Not Assessed	Remainder of segment	11	1		
2002	Acute Organics in water	Not Assessed	From 2 miles upstream of Hwy 353 to Hwy 90	7	2		
2002	Chronic Organics in water	Not Assessed	From 2 miles upstream of Hwy 353 to Hwy 90	7	2		
2002	Chronic Toxicity tests in water	No Concern-Limited Data	From 2 miles upstream of Hwy 353 to Hwy 90	7	8	0	
2002	Chronic Toxicity tests in water	Not Assessed	From confluence with Indian Creek to Hwy 353	6	2	0	
2002	Chronic Toxicity tests in sediment	No Concern-Limited Data	From 2 miles upstream of Hwy 353 to Hwy 90	7	6	0	

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San Antonio River Basin

Total size:

32

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** (continued)

2002	Chronic Toxicity tests in sediment	Not Assessed	From confluence with Indian Creek to Hwy 353	6	2	0	
2002	Overall Aquatic Life Use	Fully Supporting	From 2 miles upstream of Hwy 353 to Hwy 90	7			
2002	Overall Aquatic Life Use	Not Assessed	From 3 miles upstream lower end of segment to confluence with Indian Creek	3			
2002	Overall Aquatic Life Use	Fully Supporting	From Hwy 353 to two miles upstream	2			
2002	Overall Aquatic Life Use	Fully Supporting	From confluence with Indian Creek to Hwy 353	6			
2002	Overall Aquatic Life Use	Fully Supporting	Lower 3 miles of segment	3			
2002	Overall Aquatic Life Use	Fully Supporting	Remainder of segment	11			

**Contact Recreation Use**

2002	E. coli single sample	Not Assessed	From 2 miles upstream of Hwy 353 to Hwy 90	7	1		
2002	E. coli single sample	Not Assessed	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	3	0	
2002	E. coli single sample	No Concern-Limited Data	From Hwy 353 to two miles upstream	2	4	0	
2002	E. coli single sample	Not Assessed	From confluence with Indian Creek to Hwy 353	6	0		
2002	E. coli single sample	Fully Supporting	Lower 3 miles of segment	3	10	1	
2002	E. coli single sample	Not Assessed	Remainder of segment	11	1		
2002	E. coli geometric mean	Not Assessed	From 2 miles upstream of Hwy 353 to Hwy 90	7	1		
2002	E. coli geometric mean	Not Assessed	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	3		
2002	E. coli geometric mean	No Concern-Limited Data	From Hwy 353 to two miles upstream	2	4		86
2002	E. coli geometric mean	Not Assessed	From confluence with Indian Creek to Hwy 353	6	0		
2002	E. coli geometric mean	Fully Supporting	Lower 3 miles of segment	3	10		96
2002	E. coli geometric mean	Not Assessed	Remainder of segment	11	1		

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Freshwater Stream		San Antonio River Basin		Total size:	32	Miles	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean

**Contact Recreation Use** (continued)

2002	Fecal coliform single sample	Not Supporting	From 2 miles upstream of Hwy 353 to Hwy 90	7	13	6	
2002	Fecal coliform single sample	No Concern-Limited Data	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	8	1	
2002	Fecal coliform single sample	Fully Supporting	From Hwy 353 to two miles upstream	2	13	0	
2002	Fecal coliform single sample	No Concern-Limited Data	From confluence with Indian Creek to Hwy 353	6	8	1	
2002	Fecal coliform single sample	Fully Supporting	Lower 3 miles of segment	3	12	3	
2002	Fecal coliform single sample	Not Assessed	Remainder of segment	11	1		
2002	Fecal coliform geometric mean	Not Supporting	From 2 miles upstream of Hwy 353 to Hwy 90	7	13		214
2002	Fecal coliform geometric mean	Use Concern-Limited Data	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	8		206
2002	Fecal coliform geometric mean	Fully Supporting	From Hwy 353 to two miles upstream	2	13		120
2002	Fecal coliform geometric mean	Use Concern-Limited Data	From confluence with Indian Creek to Hwy 353	6	8		246
2002	Fecal coliform geometric mean	Fully Supporting	Lower 3 miles of segment	3	12		160
2002	Fecal coliform geometric mean	Not Assessed	Remainder of segment	11	1		
2002	Overall Recreation Use	Not Supporting	From 2 miles upstream of Hwy 353 to Hwy 90	7			
2002	Overall Recreation Use	Not Assessed	From 3 miles upstream lower end of segment to confluence with Indian Creek	3			
2002	Overall Recreation Use	Fully Supporting	From Hwy 353 to two miles upstream	2			
2002	Overall Recreation Use	Not Assessed	From confluence with Indian Creek to Hwy 353	6			
2002	Overall Recreation Use	Fully Supporting	Lower 3 miles of segment	3			
2002	Overall Recreation Use	Not Assessed	Remainder of segment	11			

**General Use**

2002	Water Temperature	Fully Supporting	From 2 miles upstream of Hwy 353 to Hwy 90	7	16	0	
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Freshwater Stream

San Antonio River Basin

Total size:

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Miles

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

2002	Water Temperature	Fully Supporting	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	16	0	
2002	Water Temperature	Fully Supporting	From Hwy 353 to two miles upstream	2	16	0	
2002	Water Temperature	No Concern-Limited Data	From confluence with Indian Creek to Hwy 353	6	9	0	
2002	Water Temperature	Fully Supporting	Lower 3 miles of segment	3	16	0	
2002	Water Temperature	Fully Supporting	Remainder of segment	11	13	0	
2002	pH	Fully Supporting	From 2 miles upstream of Hwy 353 to Hwy 90	7	16	0	
2002	pH	Fully Supporting	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	11	0	
2002	pH	Fully Supporting	From Hwy 353 to two miles upstream	2	10	0	
2002	pH	Fully Supporting	From confluence with Indian Creek to Hwy 353	6	10	0	
2002	pH	Fully Supporting	Lower 3 miles of segment	3	13	0	
2002	pH	No Concern-Limited Data	Remainder of segment	11	9	0	
2002	Chloride	Fully Supporting	From 2 miles upstream of Hwy 353 to Hwy 90	7	88		61
2002	Chloride	Fully Supporting	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	88		61
2002	Chloride	Fully Supporting	From Hwy 353 to two miles upstream	2	88		61
2002	Chloride	Fully Supporting	From confluence with Indian Creek to Hwy 353	6	88		61
2002	Chloride	Fully Supporting	Lower 3 miles of segment	3	88		61
2002	Chloride	Fully Supporting	Remainder of segment	11	88		61
2002	Sulfate	Fully Supporting	From 2 miles upstream of Hwy 353 to Hwy 90	7	88		75.7
2002	Sulfate	Fully Supporting	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	88		75.7
2002	Sulfate	Fully Supporting	From Hwy 353 to two miles upstream	2	88		75.7

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Miles

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

2002	Sulfate	Fully Supporting	From confluence with Indian Creek to Hwy 353	6	88		75.7
2002	Sulfate	Fully Supporting	Lower 3 miles of segment	3	88		75.7
2002	Sulfate	Fully Supporting	Remainder of segment	11	88		75.7
2002	Total Dissolved Solids	Fully Supporting	From 2 miles upstream of Hwy 353 to Hwy 90	7	98		504.3
2002	Total Dissolved Solids	Fully Supporting	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	98		504.3
2002	Total Dissolved Solids	Fully Supporting	From Hwy 353 to two miles upstream	2	98		504.3
2002	Total Dissolved Solids	Fully Supporting	From confluence with Indian Creek to Hwy 353	6	98		504.3
2002	Total Dissolved Solids	Fully Supporting	Lower 3 miles of segment	3	98		504.3
2002	Total Dissolved Solids	Fully Supporting	Remainder of segment	11	98		504.3
2002	Overall General Use	Fully Supporting	From 2 miles upstream of Hwy 353 to Hwy 90	7			
2002	Overall General Use	Fully Supporting	From 3 miles upstream lower end of segment to confluence with Indian Creek	3			
2002	Overall General Use	Fully Supporting	From Hwy 353 to two miles upstream	2			
2002	Overall General Use	Fully Supporting	From confluence with Indian Creek to Hwy 353	6			
2002	Overall General Use	Fully Supporting	Lower 3 miles of segment	3			
2002	Overall General Use	Fully Supporting	Remainder of segment	11			

**Fish Consumption Use**

2002	Human Health Criteria	Not Assessed	From Hwy 353 to two miles upstream	2	2		
2002	Human Health Criteria Metals	Fully Supporting	From 2 miles upstream of Hwy 353 to Hwy 90	7	12		
2002	Human Health Criteria Metals	Not Assessed	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	2		
2002	Human Health Criteria Metals	Fully Supporting	From confluence with Indian Creek to Hwy 353	6	13		
2002	Human Health Criteria Metals	Not Assessed	Lower 3 miles of segment	3	1		
2002	Human Health Criteria Metals	Not Assessed	Remainder of segment	11	1		

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Freshwater Stream

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Total size:

32

Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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**Fish Consumption Use** (continued)

2002	Human Health Criteria Organics	Not Assessed	From 2 miles upstream of Hwy 353 to Hwy 90	7	2		
2002	Overall Fish Consumption Use	Fully Supporting	From 2 miles upstream of Hwy 353 to Hwy 90	7			
2002	Overall Fish Consumption Use	Not Assessed	From 3 miles upstream lower end of segment to confluence with Indian Creek	3			
2002	Overall Fish Consumption Use	Not Assessed	From Hwy 353 to two miles upstream	2			
2002	Overall Fish Consumption Use	Fully Supporting	From confluence with Indian Creek to Hwy 353	6			
2002	Overall Fish Consumption Use	Not Assessed	Lower 3 miles of segment	3			
2002	Overall Fish Consumption Use	Not Assessed	Remainder of segment	11			

**Public Water Supply Use**

2002	Finished Water: Running Avg	Fully Supporting	From 2 miles upstream of Hwy 353 to Hwy 90	7			
2002	Finished Water: Running Avg	Fully Supporting	From 3 miles upstream lower end of segment to confluence with Indian Creek	3			
2002	Finished Water: Running Avg	Fully Supporting	From Hwy 353 to two miles upstream	2			
2002	Finished Water: Running Avg	Fully Supporting	From confluence with Indian Creek to Hwy 353	6			
2002	Finished Water: Running Avg	Fully Supporting	Lower 3 miles of segment	3			
2002	Finished Water: Running Avg	Fully Supporting	Remainder of segment	11			
2002	Surface Water: Long-term average Metals	Fully Supporting	From confluence with Indian Creek to Hwy 353	6	13		
2002	Surface Water: Long-term average Metals	Not Assessed	Lower 3 miles of segment	3	1		
2002	Surface Water: Long-term average Metals	Not Assessed	Remainder of segment	11	1		
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	From 2 miles upstream of Hwy 353 to Hwy 90	7	19		1.3
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	11		1.1

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Miles

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**Public Water Supply Use** (continued)

2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	From Hwy 353 to two miles upstream	2	12		0.79
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	From confluence with Indian Creek to Hwy 353	6	17		0.91
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower 3 miles of segment	3	13		2.1
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Remainder of segment	11	11		0.65
2002	Surface Water: Running average Metals	Fully Supporting	From confluence with Indian Creek to Hwy 353	6	13	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	From 2 miles upstream of Hwy 353 to Hwy 90	7	19	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	11	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	From Hwy 353 to two miles upstream	2	12	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	From confluence with Indian Creek to Hwy 353	6	17	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower 3 miles of segment	3	13	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Remainder of segment	11	11	0	
2002	Overall Public Water Supply Use	Fully Supporting	From 2 miles upstream of Hwy 353 to Hwy 90	7			
2002	Overall Public Water Supply Use	Fully Supporting	From 3 miles upstream lower end of segment to confluence with Indian Creek	3			
2002	Overall Public Water Supply Use	Fully Supporting	From Hwy 353 to two miles upstream	2			
2002	Overall Public Water Supply Use	Fully Supporting	From confluence with Indian Creek to Hwy 353	6			
2002	Overall Public Water Supply Use	Fully Supporting	Lower 3 miles of segment	3			
2002	Overall Public Water Supply Use	Fully Supporting	Remainder of segment	11			



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**Overall Use Support**

2002		Not Supporting	From 2 miles upstream of Hwy 353 to Hwy 90	7			
2002		Fully Supporting	From 3 miles upstream lower end of segment to confluence with Indian Creek	3			
2002		Fully Supporting	From Hwy 353 to two miles upstream	2			
2002		Fully Supporting	From confluence with Indian Creek to Hwy 353	6			
2002		Fully Supporting	Lower 3 miles of segment	3			
2002		Fully Supporting	Remainder of segment	11			

**Nutrient Enrichment Concern**

2002	Ammonia Nitrogen	No Concern	From 2 miles upstream of Hwy 353 to Hwy 90	7	18	2	
2002	Ammonia Nitrogen	No Concern	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	12	0	
2002	Ammonia Nitrogen	No Concern	From Hwy 353 to two miles upstream	2	13	0	
2002	Ammonia Nitrogen	No Concern	From confluence with Indian Creek to Hwy 353	6	16	0	
2002	Ammonia Nitrogen	No Concern	Lower 3 miles of segment	3	11	0	
2002	Ammonia Nitrogen	No Concern	Remainder of segment	11	12	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	From 2 miles upstream of Hwy 353 to Hwy 90	7	19	2	
2002	Nitrite + Nitrate Nitrogen	No Concern	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	11	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	From Hwy 353 to two miles upstream	2	12	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	From confluence with Indian Creek to Hwy 353	6	17	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Lower 3 miles of segment	3	13	2	
2002	Nitrite + Nitrate Nitrogen	No Concern	Remainder of segment	11	11	0	
2002	Orthophosphorus	No Concern	From 2 miles upstream of Hwy 353 to Hwy 90	7	18	0	
2002	Orthophosphorus	No Concern	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	11	0	

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**Nutrient Enrichment Concern** (continued)

2002	Orthophosphorus	No Concern	From Hwy 353 to two miles upstream	2	10	0	
2002	Orthophosphorus	No Concern	From confluence with Indian Creek to Hwy 353	6	14	0	
2002	Orthophosphorus	No Concern	Lower 3 miles of segment	3	10	0	
2002	Orthophosphorus	No Concern	Remainder of segment	11	10	0	
2002	Total Phosphorus	No Concern	From 2 miles upstream of Hwy 353 to Hwy 90	7	19	0	
2002	Total Phosphorus	No Concern	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	12	0	
2002	Total Phosphorus	No Concern	From Hwy 353 to two miles upstream	2	13	0	
2002	Total Phosphorus	No Concern	From confluence with Indian Creek to Hwy 353	6	17	1	
2002	Total Phosphorus	No Concern	Lower 3 miles of segment	3	13	0	
2002	Total Phosphorus	No Concern	Remainder of segment	11	12	0	
2002	Overall Nutrient Enrichment Concerns	No Concern	From 2 miles upstream of Hwy 353 to Hwy 90	7			
2002	Overall Nutrient Enrichment Concerns	No Concern	From 3 miles upstream lower end of segment to confluence with Indian Creek	3			
2002	Overall Nutrient Enrichment Concerns	No Concern	From Hwy 353 to two miles upstream	2			
2002	Overall Nutrient Enrichment Concerns	No Concern	From confluence with Indian Creek to Hwy 353	6			
2002	Overall Nutrient Enrichment Concerns	No Concern	Lower 3 miles of segment	3			
2002	Overall Nutrient Enrichment Concerns	No Concern	Remainder of segment	11			

**Algal Growth Concern**

2002	Chlorophyll a	No Concern	From 2 miles upstream of Hwy 353 to Hwy 90	7	19	1	
2002	Chlorophyll a	Not Assessed	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	1	0	

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32

Miles

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**Algal Growth Concern** (continued)

2002	Chlorophyll a	Not Assessed	From Hwy 353 to two miles upstream	2	1	0	
2002	Chlorophyll a	No Concern	From confluence with Indian Creek to Hwy 353	6	14	0	
2002	Chlorophyll a	Not Assessed	Lower 3 miles of segment	3	0		
2002	Chlorophyll a	Not Assessed	Remainder of segment	11	0		

**Sediment Contaminants Concern**

2002	PEL Metals in sediment Cadmium	Concern	From 2 miles upstream of Hwy 353 to Hwy 90	7	10	7	
2002	PEL Metals in sediment Cadmium	Concern	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	10	7	
2002	PEL Metals in sediment Cadmium	Concern	From Hwy 353 to two miles upstream	2	10	7	
2002	PEL Metals in sediment Cadmium	Concern	From confluence with Indian Creek to Hwy 353	6	10	7	
2002	PEL Metals in sediment Cadmium	Concern	Lower 3 miles of segment	3	10	7	
2002	PEL Metals in sediment Cadmium	Concern	Remainder of segment	11	10	7	
2002	PEL Metals in sediment Chromium	Concern	From 2 miles upstream of Hwy 353 to Hwy 90	7	10	5	
2002	PEL Metals in sediment Chromium	Concern	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	10	5	
2002	PEL Metals in sediment Chromium	Concern	From Hwy 353 to two miles upstream	2	10	5	
2002	PEL Metals in sediment Chromium	Concern	From confluence with Indian Creek to Hwy 353	6	10	5	
2002	PEL Metals in sediment Chromium	Concern	Lower 3 miles of segment	3	10	5	
2002	PEL Metals in sediment Chromium	Concern	Remainder of segment	11	10	5	
2002	PEL Metals in sediment Lead	Concern	From 2 miles upstream of Hwy 353 to Hwy 90	7	10	4	
2002	PEL Metals in sediment Lead	Concern	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	10	4	
2002	PEL Metals in sediment Lead	Concern	From Hwy 353 to two miles upstream	2	10	4	
2002	PEL Metals in sediment Lead	Concern	From confluence with Indian Creek to Hwy 353	6	10	4	
2002	PEL Metals in sediment Lead	Concern	Lower 3 miles of segment	3	10	4	
2002	PEL Metals in sediment Lead	Concern	Remainder of segment	11	10	4	

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**Sediment Contaminants Concern** (continued)

2002	PEL Metals in sediment Nickel	Concern	From 2 miles upstream of Hwy 353 to Hwy 90	7	10	5	
2002	PEL Metals in sediment Nickel	Concern	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	10	5	
2002	PEL Metals in sediment Nickel	Concern	From Hwy 353 to two miles upstream	2	10	5	
2002	PEL Metals in sediment Nickel	Concern	From confluence with Indian Creek to Hwy 353	6	10	5	
2002	PEL Metals in sediment Nickel	Concern	Lower 3 miles of segment	3	10	5	
2002	PEL Metals in sediment Nickel	Concern	Remainder of segment	11	10	5	
2002	85% Metals in sediment Cadmium	Concern	From 2 miles upstream of Hwy 353 to Hwy 90	7	10	9	
2002	85% Metals in sediment Cadmium	Concern	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	10	9	
2002	85% Metals in sediment Cadmium	Concern	From Hwy 353 to two miles upstream	2	10	9	
2002	85% Metals in sediment Cadmium	Concern	From confluence with Indian Creek to Hwy 353	6	10	9	
2002	85% Metals in sediment Cadmium	Concern	Lower 3 miles of segment	3	10	9	
2002	85% Metals in sediment Cadmium	Concern	Remainder of segment	11	10	9	
2002	85% Metals in sediment Chromium	Concern	From 2 miles upstream of Hwy 353 to Hwy 90	7	10	10	
2002	85% Metals in sediment Chromium	Concern	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	10	10	
2002	85% Metals in sediment Chromium	Concern	From Hwy 353 to two miles upstream	2	10	10	
2002	85% Metals in sediment Chromium	Concern	From confluence with Indian Creek to Hwy 353	6	10	10	
2002	85% Metals in sediment Chromium	Concern	Lower 3 miles of segment	3	10	10	
2002	85% Metals in sediment Chromium	Concern	Remainder of segment	11	10	10	
2002	85% Metals in sediment Lead	Concern	From 2 miles upstream of Hwy 353 to Hwy 90	7	10	10	

**Segment ID: 1906      Water body name: Lower Leon Creek**

Freshwater Stream

San Antonio River Basin

Total size:

32

Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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**Sediment Contaminants Concern** (continued)

2002	85% Metals in sediment Lead	Concern	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	10	10	
2002	85% Metals in sediment Lead	Concern	From Hwy 353 to two miles upstream	2	10	10	
2002	85% Metals in sediment Lead	Concern	From confluence with Indian Creek to Hwy 353	6	10	10	
2002	85% Metals in sediment Lead	Concern	Lower 3 miles of segment	3	10	10	
2002	85% Metals in sediment Lead	Concern	Remainder of segment	11	10	10	
2002	85% Metals in sediment Nickel	Concern	From 2 miles upstream of Hwy 353 to Hwy 90	7	10	10	
2002	85% Metals in sediment Nickel	Concern	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	10	10	
2002	85% Metals in sediment Nickel	Concern	From Hwy 353 to two miles upstream	2	10	10	
2002	85% Metals in sediment Nickel	Concern	From confluence with Indian Creek to Hwy 353	6	10	10	
2002	85% Metals in sediment Nickel	Concern	Lower 3 miles of segment	3	10	10	
2002	85% Metals in sediment Nickel	Concern	Remainder of segment	11	10	10	
2002	85% Metals in sediment Silver	Concern	From 2 miles upstream of Hwy 353 to Hwy 90	7	10	10	
2002	85% Metals in sediment Silver	Concern	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	10	10	
2002	85% Metals in sediment Silver	Concern	From Hwy 353 to two miles upstream	2	10	10	
2002	85% Metals in sediment Silver	Concern	From confluence with Indian Creek to Hwy 353	6	10	10	
2002	85% Metals in sediment Silver	Concern	Lower 3 miles of segment	3	10	10	
2002	85% Metals in sediment Silver	Concern	Remainder of segment	11	10	10	
2002	85% Metals in sediment Zinc	Concern	From 2 miles upstream of Hwy 353 to Hwy 90	7	10	10	
2002	85% Metals in sediment Zinc	Concern	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	10	10	
2002	85% Metals in sediment Zinc	Concern	From Hwy 353 to two miles upstream	2	10	10	
2002	85% Metals in sediment Zinc	Concern	From confluence with Indian Creek to Hwy 353	6	10	10	
2002	85% Metals in sediment Zinc	Concern	Lower 3 miles of segment	3	10	10	
2002	85% Metals in sediment Zinc	Concern	Remainder of segment	11	10	10	

**Segment ID: 1906      Water body name: Lower Leon Creek**

Freshwater Stream

San Antonio River Basin

Total size:

32

Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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**Sediment Contaminants Concern** (continued)

2002	Organics in sediment	Not Assessed	Lower 3 miles of segment	3	7		
2002	Overall Sediment Contaminant Concerns	Concern	From 2 miles upstream of Hwy 353 to Hwy 90	7			
2002	Overall Sediment Contaminant Concerns	Concern	From 3 miles upstream lower end of segment to confluence with Indian Creek	3			
2002	Overall Sediment Contaminant Concerns	Concern	From Hwy 353 to two miles upstream	2			
2002	Overall Sediment Contaminant Concerns	Concern	From confluence with Indian Creek to Hwy 353	6			
2002	Overall Sediment Contaminant Concerns	Concern	Lower 3 miles of segment	3			
2002	Overall Sediment Contaminant Concerns	Concern	Remainder of segment	11			

**Fish Tissue Contaminants Concern**

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	From 2 miles upstream of Hwy 353 to Hwy 90	7			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	From 3 miles upstream lower end of segment to confluence with Indian Creek	3			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	From Hwy 353 to two miles upstream	2			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	From confluence with Indian Creek to Hwy 353	6			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 3 miles of segment	3			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Remainder of segment	11			

**Public Water Supply Concern**

2002	Finished Water: Chloride	No Concern	From 2 miles upstream of Hwy 353 to Hwy 90	7			
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**Segment ID: 1906      Water body name: Lower Leon Creek**

Freshwater Stream

San Antonio River Basin

Total size:

32

Miles

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	Finished Water: Chloride	No Concern	From 3 miles upstream lower end of segment to confluence with Indian Creek	3			
2002	Finished Water: Chloride	No Concern	From Hwy 353 to two miles upstream	2			
2002	Finished Water: Chloride	No Concern	From confluence with Indian Creek to Hwy 353	6			
2002	Finished Water: Chloride	No Concern	Lower 3 miles of segment	3			
2002	Finished Water: Chloride	No Concern	Remainder of segment	11			
2002	Finished Water: Sulfate	No Concern	From 2 miles upstream of Hwy 353 to Hwy 90	7			
2002	Finished Water: Sulfate	No Concern	From 3 miles upstream lower end of segment to confluence with Indian Creek	3			
2002	Finished Water: Sulfate	No Concern	From Hwy 353 to two miles upstream	2			
2002	Finished Water: Sulfate	No Concern	From confluence with Indian Creek to Hwy 353	6			
2002	Finished Water: Sulfate	No Concern	Lower 3 miles of segment	3			
2002	Finished Water: Sulfate	No Concern	Remainder of segment	11			
2002	Finished Water: Total Dissolved Solids	No Concern	From 2 miles upstream of Hwy 353 to Hwy 90	7			
2002	Finished Water: Total Dissolved Solids	No Concern	From 3 miles upstream lower end of segment to confluence with Indian Creek	3			
2002	Finished Water: Total Dissolved Solids	No Concern	From Hwy 353 to two miles upstream	2			
2002	Finished Water: Total Dissolved Solids	No Concern	From confluence with Indian Creek to Hwy 353	6			
2002	Finished Water: Total Dissolved Solids	No Concern	Lower 3 miles of segment	3			
2002	Finished Water: Total Dissolved Solids	No Concern	Remainder of segment	11			
2002	Finished Water: MTBE	No Concern	From 2 miles upstream of Hwy 353 to Hwy 90	7			

**Segment ID: 1906      Water body name: Lower Leon Creek**

Freshwater Stream

San Antonio River Basin

Total size:

32

Miles

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	Finished Water: MTBE	No Concern	From 3 miles upstream lower end of segment to confluence with Indian Creek	3			
2002	Finished Water: MTBE	No Concern	From Hwy 353 to two miles upstream	2			
2002	Finished Water: MTBE	No Concern	From confluence with Indian Creek to Hwy 353	6			
2002	Finished Water: MTBE	No Concern	Lower 3 miles of segment	3			
2002	Finished Water: MTBE	No Concern	Remainder of segment	11			
2002	Finished Water: Perchlorate	Not Assessed	From 2 miles upstream of Hwy 353 to Hwy 90	7			
2002	Finished Water: Perchlorate	Not Assessed	From 3 miles upstream lower end of segment to confluence with Indian Creek	3			
2002	Finished Water: Perchlorate	Not Assessed	From Hwy 353 to two miles upstream	2			
2002	Finished Water: Perchlorate	Not Assessed	From confluence with Indian Creek to Hwy 353	6			
2002	Finished Water: Perchlorate	Not Assessed	Lower 3 miles of segment	3			
2002	Finished Water: Perchlorate	Not Assessed	Remainder of segment	11			
2002	Finished Water: Overall	No Concern	From 2 miles upstream of Hwy 353 to Hwy 90	7			
2002	Finished Water: Overall	No Concern	From 3 miles upstream lower end of segment to confluence with Indian Creek	3			
2002	Finished Water: Overall	No Concern	From Hwy 353 to two miles upstream	2			
2002	Finished Water: Overall	No Concern	From confluence with Indian Creek to Hwy 353	6			
2002	Finished Water: Overall	No Concern	Lower 3 miles of segment	3			
2002	Finished Water: Overall	No Concern	Remainder of segment	11			
2002	Surface Water: Chloride	No Concern	From 2 miles upstream of Hwy 353 to Hwy 90	7	88		61
2002	Surface Water: Chloride	No Concern	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	88		61
2002	Surface Water: Chloride	No Concern	From Hwy 353 to two miles upstream	2	88		61
2002	Surface Water: Chloride	No Concern	From confluence with Indian Creek to Hwy 353	6	88		61
2002	Surface Water: Chloride	No Concern	Lower 3 miles of segment	3	88		61



**Segment ID: 1906      Water body name: Lower Leon Creek**

Freshwater Stream

San Antonio River Basin

Total size:

32

Miles

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	Surface Water: Chloride	No Concern	Remainder of segment	11	88		61
2002	Surface Water: Sulfate	No Concern	From 2 miles upstream of Hwy 353 to Hwy 90	7	88		75.7
2002	Surface Water: Sulfate	No Concern	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	88		75.7
2002	Surface Water: Sulfate	No Concern	From Hwy 353 to two miles upstream	2	88		75.7
2002	Surface Water: Sulfate	No Concern	From confluence with Indian Creek to Hwy 353	6	88		75.7
2002	Surface Water: Sulfate	No Concern	Lower 3 miles of segment	3	88		75.7
2002	Surface Water: Sulfate	No Concern	Remainder of segment	11	88		75.7
2002	Surface Water: Total Dissolved Solids	No Concern	From 2 miles upstream of Hwy 353 to Hwy 90	7	98		504.3
2002	Surface Water: Total Dissolved Solids	No Concern	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	98		504.3
2002	Surface Water: Total Dissolved Solids	No Concern	From Hwy 353 to two miles upstream	2	98		504.3
2002	Surface Water: Total Dissolved Solids	No Concern	From confluence with Indian Creek to Hwy 353	6	98		504.3
2002	Surface Water: Total Dissolved Solids	No Concern	Lower 3 miles of segment	3	98		504.3
2002	Surface Water: Total Dissolved Solids	No Concern	Remainder of segment	11	98		504.3
2002	Surface Water: Overall	No Concern	From 2 miles upstream of Hwy 353 to Hwy 90	7			
2002	Surface Water: Overall	No Concern	From 3 miles upstream lower end of segment to confluence with Indian Creek	3			
2002	Surface Water: Overall	No Concern	From Hwy 353 to two miles upstream	2			
2002	Surface Water: Overall	No Concern	From confluence with Indian Creek to Hwy 353	6			
2002	Surface Water: Overall	No Concern	Lower 3 miles of segment	3			
2002	Surface Water: Overall	No Concern	Remainder of segment	11			

**Segment ID:** 1906      **Water body name:** Lower Leon Creek

Freshwater Stream

San Antonio River Basin

Total size:

32

Miles

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	No Concern	From 2 miles upstream of Hwy 353 to Hwy 90	7			
2002	Overall Public Water Supply Concerns	No Concern	From 3 miles upstream lower end of segment to confluence with Indian Creek	3			
2002	Overall Public Water Supply Concerns	No Concern	From Hwy 353 to two miles upstream	2			
2002	Overall Public Water Supply Concerns	No Concern	From confluence with Indian Creek to Hwy 353	6			
2002	Overall Public Water Supply Concerns	No Concern	Lower 3 miles of segment	3			
2002	Overall Public Water Supply Concerns	No Concern	Remainder of segment	11			

**Narrative Criteria Concern**

2002	Overall Narrative Criteria Concerns	No Concern	From 2 miles upstream of Hwy 353 to Hwy 90	7			
2002	Overall Narrative Criteria Concerns	No Concern	From 3 miles upstream lower end of segment to confluence with Indian Creek	3			
2002	Overall Narrative Criteria Concerns	No Concern	From Hwy 353 to two miles upstream	2			
2002	Overall Narrative Criteria Concerns	No Concern	From confluence with Indian Creek to Hwy 353	6			
2002	Overall Narrative Criteria Concerns	No Concern	Lower 3 miles of segment	3			
2002	Overall Narrative Criteria Concerns	No Concern	Remainder of segment	11			

**Overall Secondary Concern**

2002		Concern	From 2 miles upstream of Hwy 353 to Hwy 90	7			
2002		Concern	From 3 miles upstream lower end of segment to confluence with Indian Creek	3			

**Segment ID:** 1906      **Water body name:** Lower Leon Creek

Freshwater Stream

San Antonio River Basin

Total size:

32

Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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**Overall Secondary Concern** (continued)

2002		Concern	From Hwy 353 to two miles upstream	2			
2002		Concern	From confluence with Indian Creek to Hwy 353	6			
2002		Concern	Lower 3 miles of segment	3			
2002		Concern	Remainder of segment	11			