

**Segment ID:** 1256      **Water body name:** Brazos River/Lake Brazos

Freshwater Stream

Brazos River Basin

Total size:

19

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	Brazos River portion of segment	5	1		
2002	Dissolved Oxygen grab average	No Concern	Lake Brazos portion of segment	14	18	1	
2002	Dissolved Oxygen grab minimum	Not Assessed	Brazos River portion of segment	5	1		
2002	Dissolved Oxygen grab minimum	Fully Supporting	Lake Brazos portion of segment	14	18	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Brazos River portion of segment	5	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Lake Brazos portion of segment	14	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Brazos River portion of segment	5	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Lake Brazos portion of segment	14	0		
2002	Acute Metals in water	Not Assessed	Brazos River portion of segment	5	1		
2002	Acute Metals in water	Not Assessed	Lake Brazos portion of segment	14	3	0	
2002	Chronic Metals in water	Not Assessed	Brazos River portion of segment	5	1		
2002	Chronic Metals in water	Not Assessed	Lake Brazos portion of segment	14	3		
2002	Overall Aquatic Life Use	Not Assessed	Brazos River portion of segment	5			
2002	Overall Aquatic Life Use	Fully Supporting	Lake Brazos portion of segment	14			

**Contact Recreation Use**

2002	E. coli single sample	Not Assessed	Brazos River portion of segment	5	0		
2002	E. coli single sample	Not Assessed	Lake Brazos portion of segment	14	1	1	
2002	E. coli geometric mean	Not Assessed	Brazos River portion of segment	5	0		
2002	E. coli geometric mean	Not Assessed	Lake Brazos portion of segment	14	1		7
2002	Fecal coliform single sample	Not Assessed	Brazos River portion of segment	5	1	0	
2002	Fecal coliform single sample	Fully Supporting	Lake Brazos portion of segment	14	17	4	

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**Contact Recreation Use** (continued)

2002	Fecal coliform geometric mean	Not Assessed	Brazos River portion of segment	5	1		1
2002	Fecal coliform geometric mean	Fully Supporting	Lake Brazos portion of segment	14	17		105
2002	Overall Recreation Use	Not Assessed	Brazos River portion of segment	5			
2002	Overall Recreation Use	Fully Supporting	Lake Brazos portion of segment	14			

**General Use**

2002	Water Temperature	Not Assessed	Brazos River portion of segment	5	1	0	
2002	Water Temperature	Fully Supporting	Lake Brazos portion of segment	14	19	0	
2002	pH	Not Assessed	Brazos River portion of segment	5	1	0	
2002	pH	Fully Supporting	Lake Brazos portion of segment	14	17	0	
2002	Chloride	Fully Supporting	Brazos River portion of segment	5	19		174.1
2002	Chloride	Fully Supporting	Lake Brazos portion of segment	14	17		174.1
2002	Sulfate	Fully Supporting	Brazos River portion of segment	5	19		92.4
2002	Sulfate	Fully Supporting	Lake Brazos portion of segment	14	19		92.4
2002	Total Dissolved Solids	Fully Supporting	Brazos River portion of segment	5	23		684.2
2002	Total Dissolved Solids	Fully Supporting	Lake Brazos portion of segment	14	23		684.2
2002	Overall General Use	Fully Supporting	Brazos River portion of segment	5			
2002	Overall General Use	Fully Supporting	Lake Brazos portion of segment	14			

**Fish Consumption Use**

2002	Human Health Criteria Chromium	Not Assessed	Brazos River portion of segment	5	3		1.5
2002	Human Health Criteria Chromium	Not Assessed	Lake Brazos portion of segment	14	3		1.5
2002	Human Health Criteria Lead	Not Assessed	Brazos River portion of segment	5	3		0.5
2002	Human Health Criteria Lead	Not Assessed	Lake Brazos portion of segment	14	3		0.5

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**Fish Consumption Use** (continued)

2002	Overall Fish Consumption Use	Not Assessed	Brazos River portion of segment	5			
2002	Overall Fish Consumption Use	Not Assessed	Lake Brazos portion of segment	14			

**Public Water Supply Use**

2002	Finished Water: Running Avg	Fully Supporting	Brazos River portion of segment	5			
2002	Finished Water: Running Avg	Fully Supporting	Lake Brazos portion of segment	14			
2002	Surface Water: Long-term average Metals	Not Assessed	Brazos River portion of segment	5	1		
2002	Surface Water: Long-term average Metals	Not Assessed	Lake Brazos portion of segment	14	3		5
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Not Assessed	Brazos River portion of segment	5	1		
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Lake Brazos portion of segment	14	18		0.519
2002	Surface Water: Running average Metals	Not Assessed	Brazos River portion of segment	5	1		
2002	Surface Water: Running average Metals	Not Assessed	Lake Brazos portion of segment	14	3	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Not Assessed	Brazos River portion of segment	5	1		
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Lake Brazos portion of segment	14	18	0	
2002	Overall Public Water Supply Use	Fully Supporting	Brazos River portion of segment	5			
2002	Overall Public Water Supply Use	Fully Supporting	Lake Brazos portion of segment	14			

**Overall Use Support**

2002		Fully Supporting	Brazos River portion of segment	5			
2002		Fully Supporting	Lake Brazos portion of segment	14			

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**Nutrient Enrichment Concern**

2002	Ammonia Nitrogen	Not Assessed	Brazos River portion of segment	5	1	0	
2002	Ammonia Nitrogen	No Concern	Lake Brazos portion of segment	14	20	1	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Brazos River portion of segment	5	1	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Lake Brazos portion of segment	14	18	0	
2002	Orthophosphorus	Not Assessed	Brazos River portion of segment	5	1	0	
2002	Orthophosphorus	No Concern	Lake Brazos portion of segment	14	19	0	
2002	Total Phosphorus	Not Assessed	Brazos River portion of segment	5	1	0	
2002	Total Phosphorus	No Concern	Lake Brazos portion of segment	14	20	0	
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Brazos River portion of segment	5			
2002	Overall Nutrient Enrichment Concerns	No Concern	Lake Brazos portion of segment	14			

**Algal Growth Concern**

2002	Chlorophyll a	Not Assessed	Brazos River portion of segment	5	1	0	
2002	Chlorophyll a	No Concern	Lake Brazos portion of segment	14	20	1	

**Sediment Contaminants Concern**

2002	PEL Metals in sediment Nickel	Not Assessed	Lake Brazos portion of segment	14	3	0	
2002	85% Metals in sediment Nickel	Not Assessed	Lake Brazos portion of segment	14	3	2	
2002	Metals in sediment	Not Assessed	Brazos River portion of segment	5	1		
2002	Organics in sediment	Not Assessed	Lake Brazos portion of segment	14	5	0	
2002	Overall Sediment Contaminant Concerns	Not Assessed	Brazos River portion of segment	5			

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**Sediment Contaminants Concern** (continued)

2002	Overall Sediment Contaminant Concerns	Not Assessed	Lake Brazos portion of segment	14			
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**Fish Tissue Contaminants Concern**

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Brazos River portion of segment	5			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lake Brazos portion of segment	14			

**Public Water Supply Concern**

2002	Finished Water: Chloride	No Concern	Brazos River portion of segment	5			
2002	Finished Water: Chloride	No Concern	Lake Brazos portion of segment	14			
2002	Finished Water: Sulfate	No Concern	Brazos River portion of segment	5			
2002	Finished Water: Sulfate	No Concern	Lake Brazos portion of segment	14			
2002	Finished Water: Total Dissolved Solids	No Concern	Brazos River portion of segment	5			
2002	Finished Water: Total Dissolved Solids	No Concern	Lake Brazos portion of segment	14			
2002	Finished Water: MTBE	No Concern	Brazos River portion of segment	5			
2002	Finished Water: MTBE	No Concern	Lake Brazos portion of segment	14			
2002	Finished Water: Perchlorate	Not Assessed	Brazos River portion of segment	5			
2002	Finished Water: Perchlorate	Not Assessed	Lake Brazos portion of segment	14			
2002	Finished Water: Overall	No Concern	Brazos River portion of segment	5			
2002	Finished Water: Overall	No Concern	Lake Brazos portion of segment	14			
2002	Surface Water: Chloride	No Concern	Brazos River portion of segment	5	19		174.1

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**Public Water Supply Concern** (continued)

2002	Surface Water: Chloride	No Concern	Lake Brazos portion of segment	14	19		174.1
2002	Surface Water: Sulfate	No Concern	Brazos River portion of segment	5	19		92.4
2002	Surface Water: Sulfate	No Concern	Lake Brazos portion of segment	14	19		92.4
2002	Surface Water: Total Dissolved Solids	No Concern	Brazos River portion of segment	5	23		684.2
2002	Surface Water: Total Dissolved Solids	No Concern	Lake Brazos portion of segment	14	23		684.2
2002	Surface Water: Overall	No Concern	Brazos River portion of segment	5			
2002	Surface Water: Overall	No Concern	Lake Brazos portion of segment	14			
2002	Overall Public Water Supply Concerns	No Concern	Brazos River portion of segment	5			
2002	Overall Public Water Supply Concerns	No Concern	Lake Brazos portion of segment	14			

**Narrative Criteria Concern**

2002	Overall Narrative Criteria Concerns	No Concern	Brazos River portion of segment	5			
2002	Overall Narrative Criteria Concerns	No Concern	Lake Brazos portion of segment	14			

**Overall Secondary Concern**

2002		No Concern	Brazos River portion of segment	5			
2002		No Concern	Lake Brazos portion of segment	14			