

Segment ID: 1255 **Water body name:** Upper North Bosque River

Freshwater Stream

Brazos River Basin

Total size:

17.5

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	Use Concern	Downstream portion of segment	10.8	163	21	
2002	Dissolved Oxygen grab average	Use Concern	Upstream portion of segment	6.7	80	14	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Downstream portion of segment	10.8	163	8	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Upstream portion of segment	6.7	80	8	
2002	Dissolved Oxygen 24hr average	Not Assessed	Downstream portion of segment	10.8	2	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Upstream portion of segment	6.7	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Downstream portion of segment	10.8	2	2	
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Upstream portion of segment	6.7	0		
2002	Overall Aquatic Life Use	Fully Supporting	Downstream portion of segment	10.8			
2002	Overall Aquatic Life Use	Fully Supporting	Upstream portion of segment	6.7			

Contact Recreation Use

2002	E. coli single sample	Not Assessed	Downstream portion of segment	10.8	3	1	
2002	E. coli single sample	Not Assessed	Upstream portion of segment	6.7	0		
2002	E. coli geometric mean	Not Assessed	Downstream portion of segment	10.8	3		70
2002	E. coli geometric mean	Not Assessed	Upstream portion of segment	6.7	0		
2002	Fecal coliform single sample	Not Supporting	Downstream portion of segment	10.8	142	60	
2002	Fecal coliform single sample	Not Supporting	Upstream portion of segment	6.7	74	40	
2002	Fecal coliform geometric mean	Not Supporting	Downstream portion of segment	10.8	142		355
2002	Fecal coliform geometric mean	Not Supporting	Upstream portion of segment	6.7	74		506
2002	Overall Recreation Use	Not Supporting	Downstream portion of segment	10.8			
2002	Overall Recreation Use	Not Supporting	Upstream portion of segment	6.7			

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General Use

2002	Water Temperature	Fully Supporting	Downstream portion of segment	10.8	163	0	
2002	Water Temperature	Fully Supporting	Upstream portion of segment	6.7	93	0	
2002	pH	Fully Supporting	Downstream portion of segment	10.8	162	2	
2002	pH	Fully Supporting	Upstream portion of segment	6.7	93	0	
2002	Chloride	Fully Supporting	Downstream portion of segment	10.8	31		105.3
2002	Chloride	Fully Supporting	Upstream portion of segment	6.7	31		105.3
2002	Sulfate	Fully Supporting	Downstream portion of segment	10.8	31		50.6
2002	Sulfate	Fully Supporting	Upstream portion of segment	6.7	31		50.6
2002	Total Dissolved Solids	Fully Supporting	Downstream portion of segment	10.8	252		605.2
2002	Total Dissolved Solids	Fully Supporting	Upstream portion of segment	6.7	252		605.2
2002	Ammonia Nitrogen	Not Supporting	Downstream portion of segment	10.8			
2002	Ammonia Nitrogen	Not Supporting	Upstream portion of segment	6.7			
2002	Chlorophyll a	Not Supporting	Downstream portion of segment	10.8			
2002	Chlorophyll a	Not Supporting	Upstream portion of segment	6.7			
2002	Nitrite + Nitrate Nitrogen	Not Supporting	Downstream portion of segment	10.8			
2002	Orthophosphorus	Not Supporting	Downstream portion of segment	10.8			
2002	Total Phosphorus	Not Supporting	Downstream portion of segment	10.8			
2002	Overall General Use	Not Supporting	Downstream portion of segment	10.8			
2002	Overall General Use	Not Supporting	Upstream portion of segment	6.7			

Fish Consumption Use

2002	Overall Fish Consumption Use	Not Assessed	Downstream portion of segment	10.8			
2002	Overall Fish Consumption Use	Not Assessed	Upstream portion of segment	6.7			

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Overall Use Support

2002		Not Supporting	Downstream portion of segment	10.8			
2002		Not Supporting	Upstream portion of segment	6.7			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	Concern	Downstream portion of segment	10.8	136	69	
2002	Ammonia Nitrogen	Concern	Upstream portion of segment	6.7	94	24	
2002	Nitrite + Nitrate Nitrogen	Concern	Downstream portion of segment	10.8	161	61	
2002	Nitrite + Nitrate Nitrogen	No Concern	Upstream portion of segment	6.7	94	1	
2002	Orthophosphorus	Concern	Downstream portion of segment	10.8	161	133	
2002	Orthophosphorus	No Concern	Upstream portion of segment	6.7	94	11	
2002	Total Phosphorus	Concern	Downstream portion of segment	10.8	135	106	
2002	Total Phosphorus	No Concern	Upstream portion of segment	6.7	92	7	
2002	Overall Nutrient Enrichment Concerns	Concern	Downstream portion of segment	10.8			
2002	Overall Nutrient Enrichment Concerns	Concern	Upstream portion of segment	6.7			

Algal Growth Concern

2002	Chlorophyll a	Concern	Downstream portion of segment	10.8	82	54	
2002	Chlorophyll a	Concern	Upstream portion of segment	6.7	54	36	

Sediment Contaminants Concern

2002	Overall Sediment Contaminant Concerns	Not Assessed	Downstream portion of segment	10.8			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upstream portion of segment	6.7			

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Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Downstream portion of segment	10.8			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upstream portion of segment	6.7			

Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	Downstream portion of segment	10.8			
2002	Overall Narrative Criteria Concerns	No Concern	Upstream portion of segment	6.7			

Overall Secondary Concern

2002		Concern	Downstream portion of segment	10.8			
2002		Concern	Upstream portion of segment	6.7			