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

Freshwater Stream | Brazos River Basin | Total size: 17.5 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Aquatic Life Use						
Dissolved Oxygen grab average	Use Concern	Downstream portion of segment	10.8	163	21	
Dissolved Oxygen grab average	Use Concern	Upstream portion of segment	6.7	80	14	
Dissolved Oxygen grab minimum	Fully Supporting	Downstream portion of segment	10.8	163	8	
Dissolved Oxygen grab minimum	Fully Supporting	Upstream portion of segment	6.7	80	8	
Dissolved Oxygen 24hr average	Not Assessed	Downstream portion of segment	10.8	2	0	
Dissolved Oxygen 24hr average	Not Assessed	Upstream portion of segment	6.7	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Downstream portion of segment	10.8	2	2	
Dissolved Oxygen 24hr minimum	Not Assessed	Upstream portion of segment	6.7	0		
Overall Aquatic Life Use	Fully Supporting	Downstream portion of segment	10.8			
Overall Aquatic Life Use	Fully Supporting	Upstream portion of segment	6.7			
Contact Recreation Use						
E. coli single sample	Not Assessed	Downstream portion of segment	10.8	3	1	
E. coli single sample	Not Assessed	Upstream portion of segment	6.7	0		
E. coli geometric mean	Not Assessed	Downstream portion of segment	10.8	3		70
E. coli geometric mean	Not Assessed	Upstream portion of segment	6.7	0		
Fecal coliform single sample	Not Supporting	Downstream portion of segment	10.8	142	60	
Fecal coliform single sample	Not Supporting	Upstream portion of segment	6.7	74	40	
Fecal coliform geometric mean	Not Supporting	Downstream portion of segment	10.8	142		355
Fecal coliform geometric mean	Not Supporting	Upstream portion of segment	6.7	74		506
Overall Recreation Use	Not Supporting	Downstream portion of segment	10.8			
Overall Recreation Use	Not Supporting	Upstream portion of segment	6.7			

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

Freshwater Stream | Brazos River Basin | Total size: 17.5 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
General Use						
Water Temperature	Fully Supporting	Downstream portion of segment	10.8	163	0	
Water Temperature	Fully Supporting	Upstream portion of segment	6.7	93	0	
pH	Fully Supporting	Downstream portion of segment	10.8	162	2	
pH	Fully Supporting	Upstream portion of segment	6.7	93	0	
Chloride	Fully Supporting	Downstream portion of segment	10.8	31		105.3
Chloride	Fully Supporting	Upstream portion of segment	6.7	31		105.3
Sulfate	Fully Supporting	Downstream portion of segment	10.8	31		50.6
Sulfate	Fully Supporting	Upstream portion of segment	6.7	31		50.6
Total Dissolved Solids	Fully Supporting	Downstream portion of segment	10.8	252		605.2
Total Dissolved Solids	Fully Supporting	Upstream portion of segment	6.7	252		605.2
Ammonia Nitrogen	Not Supporting	Downstream portion of segment	10.8			
Ammonia Nitrogen	Not Supporting	Upstream portion of segment	6.7			
Chlorophyll a	Not Supporting	Downstream portion of segment	10.8			
Chlorophyll a	Not Supporting	Upstream portion of segment	6.7			
Nitrite + Nitrate Nitrogen	Not Supporting	Downstream portion of segment	10.8			
Orthophosphorus	Not Supporting	Downstream portion of segment	10.8			
Total Phosphorus	Not Supporting	Downstream portion of segment	10.8			
Overall General Use	Not Supporting	Downstream portion of segment	10.8			
Overall General Use	Not Supporting	Upstream portion of segment	6.7			
Fish Consumption Use						
Overall Fish Consumption Use	Not Assessed	Downstream portion of segment	10.8			
Overall Fish Consumption Use	Not Assessed	Upstream portion of segment	6.7			

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Freshwater Stream | Brazos River Basin | Total size: 17.5 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Overall Use Support						
	Not Supporting	Downstream portion of segment	10.8			
	Not Supporting	Upstream portion of segment	6.7			
Nutrient Enrichment Concern						
Ammonia Nitrogen	Concern	Downstream portion of segment	10.8	136	69	
Ammonia Nitrogen	Concern	Upstream portion of segment	6.7	94	24	
Nitrite + Nitrate Nitrogen	Concern	Downstream portion of segment	10.8	161	61	
Nitrite + Nitrate Nitrogen	No Concern	Upstream portion of segment	6.7	94	1	
Orthophosphorus	Concern	Downstream portion of segment	10.8	161	133	
Orthophosphorus	No Concern	Upstream portion of segment	6.7	94	11	
Total Phosphorus	Concern	Downstream portion of segment	10.8	135	106	
Total Phosphorus	No Concern	Upstream portion of segment	6.7	92	7	
Overall Nutrient Enrichment Concerns	Concern	Downstream portion of segment	10.8			
Overall Nutrient Enrichment Concerns	Concern	Upstream portion of segment	6.7			
Algal Growth Concern						
Chlorophyll a	Concern	Downstream portion of segment	10.8	82	54	
Chlorophyll a	Concern	Upstream portion of segment	6.7	54	36	
Sediment Contaminants Concern						
Overall Sediment Contaminant Concerns	Not Assessed	Downstream portion of segment	10.8			
Overall Sediment Contaminant Concerns	Not Assessed	Upstream portion of segment	6.7			

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Freshwater Stream | Brazos River Basin | Total size: 17.5 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Fish Tissue Contaminants Concern						
Overall Fish Tissue Contaminant Concerns	Not Assessed	Downstream portion of segment	10.8			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Upstream portion of segment	6.7			
Narrative Criteria Concern						
Overall Narrative Criteria Concerns	No Concern	Downstream portion of segment	10.8			
Overall Narrative Criteria Concerns	No Concern	Upstream portion of segment	6.7			
Overall Secondary Concern						
	Concern	Downstream portion of segment	10.8			
	Concern	Upstream portion of segment	6.7			