Segment ID: 0829 **Water body name:** Clear Fork Trinity River Below Benbrook Lake

Freshwater Stream | Trinity River Basin | Total size: 14 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Aquatic Life Use						
Dissolved Oxygen grab average	No Concern	9 mile reach near Bryant-Irvin Road	9	17	0	
Dissolved Oxygen grab average	Not Assessed	Upper 4 miles	4	2		
Dissolved Oxygen grab minimum	Fully Supporting	9 mile reach near Bryant-Irvin Road	9	17	0	
Dissolved Oxygen grab minimum	Not Assessed	Upper 4 miles	4	2		
Dissolved Oxygen 24hr average	Not Assessed	9 mile reach near Bryant-Irvin Road	9	0		
Dissolved Oxygen 24hr average	Not Assessed	Upper 4 miles	4	0		
Dissolved Oxygen 24hr minimum	Not Assessed	9 mile reach near Bryant-Irvin Road	9	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Upper 4 miles	4	0		
Acute Metals in water	Not Assessed	Upper 4 miles	4	2		
Chronic Metals in water	Not Assessed	Upper 4 miles	4	2		
Overall Aquatic Life Use	Fully Supporting	9 mile reach near Bryant-Irvin Road	9			
Overall Aquatic Life Use	Not Assessed	Lower mile of segment	1			
Overall Aquatic Life Use	Not Assessed	Upper 4 miles	4			
Contact Recreation Use						
E. coli single sample	Not Assessed	9 mile reach near Bryant-Irvin Road	9	1		
E. coli geometric mean	Not Assessed	9 mile reach near Bryant-Irvin Road	9	1		
Fecal coliform single sample	Fully Supporting	9 mile reach near Bryant-Irvin Road	9	15	3	
Fecal coliform geometric mean	Fully Supporting	9 mile reach near Bryant-Irvin Road	9	15		143
Overall Recreation Use	Fully Supporting	9 mile reach near Bryant-Irvin Road	9			
Overall Recreation Use	Not Assessed	Lower mile of segment	1			
Overall Recreation Use	Not Assessed	Upper 4 miles	4			

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Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
General Use						
Water Temperature	Fully Supporting	9 mile reach near Bryant-Irvin Road	9	17	0	
Water Temperature	No Concern-Limited Data	Upper 4 miles	4	7	0	
pH	Fully Supporting	9 mile reach near Bryant-Irvin Road	9	17	0	
pH	Not Assessed	Upper 4 miles	4	2		
Chloride	Fully Supporting	9 mile reach near Bryant-Irvin Road	9	18		21.6
Chloride	Fully Supporting	Lower mile of segment	1	18		21.6
Chloride	Fully Supporting	Upper 4 miles	4	18		21.6
Sulfate	Fully Supporting	9 mile reach near Bryant-Irvin Road	9	18		37.5
Sulfate	Fully Supporting	Lower mile of segment	1	18		37.5
Sulfate	Fully Supporting	Upper 4 miles	4	18		37.5
Total Dissolved Solids	Fully Supporting	9 mile reach near Bryant-Irvin Road	9	22		283.72
Total Dissolved Solids	Fully Supporting	Lower mile of segment	1	22		283.72
Total Dissolved Solids	Fully Supporting	Upper 4 miles	4	22		283.72
Overall General Use	Fully Supporting	9 mile reach near Bryant-Irvin Road	9			
Overall General Use	Fully Supporting	Lower mile of segment	1			
Overall General Use	Fully Supporting	Upper 4 miles	4			
Fish Consumption Use						
Advisories and Closures Aquatic Life Closure	Not Supporting	Lower mile of segment	1			
Human Health Criteria Metals	Not Assessed	Upper 4 miles	4	2		
Overall Fish Consumption Use	Not Assessed	9 mile reach near Bryant-Irvin Road	9			
Overall Fish Consumption Use	Not Supporting	Lower mile of segment	1			

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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	Upper 4 miles	4			
Public Water Supply Use						
Finished Water: Running Avg	Fully Supporting	9 mile reach near Bryant-Irvin Road	9			
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	9 mile reach near Bryant-Irvin Road	9	16		0.35
Overall Public Water Supply Use	Fully Supporting	9 mile reach near Bryant-Irvin Road	9			
Overall Public Water Supply Use	Fully Supporting	Lower mile of segment	1			
Overall Public Water Supply Use	Fully Supporting	Upper 4 miles	4			
Overall Use Support						
	Fully Supporting	9 mile reach near Bryant-Irvin Road	9			
	Not Supporting	Lower mile of segment	1			
	Fully Supporting	Upper 4 miles	4			
Nutrient Enrichment Concern						
Ammonia Nitrogen	No Concern	9 mile reach near Bryant-Irvin Road	9	16	0	
Ammonia Nitrogen	Not Assessed	Upper 4 miles	4	2		
Nitrite + Nitrate Nitrogen	No Concern	9 mile reach near Bryant-Irvin Road	9	16	0	
Nitrite + Nitrate Nitrogen	Not Assessed	Upper 4 miles	4	2		
Orthophosphorus	No Concern	9 mile reach near Bryant-Irvin Road	9	16	0	
Orthophosphorus	Not Assessed	Upper 4 miles	4	2		
Total Phosphorus	No Concern	9 mile reach near Bryant-Irvin Road	9	16	0	
Total Phosphorus	Not Assessed	Upper 4 miles	4	0		
Overall Nutrient Enrichment Concerns	No Concern	9 mile reach near Bryant-Irvin Road	9			

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Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Nutrient Enrichment Concern (continued)						
Overall Nutrient Enrichment Concerns	Not Assessed	Lower mile of segment	1			
Overall Nutrient Enrichment Concerns	Not Assessed	Upper 4 miles	4			
Algal Growth Concern						
Chlorophyll a	No Concern	9 mile reach near Bryant-Irvin Road	9	16	2	
Chlorophyll a	Not Assessed	Lower mile of segment	1			
Chlorophyll a	Not Assessed	Upper 4 miles	4	0		
Sediment Contaminants Concern						
Overall Sediment Contaminant Concerns	Not Assessed	9 mile reach near Bryant-Irvin Road	9			
Overall Sediment Contaminant Concerns	Not Assessed	Lower mile of segment	1			
Overall Sediment Contaminant Concerns	Not Assessed	Upper 4 miles	4			
Fish Tissue Contaminants Concern						
Overall Fish Tissue Contaminant Concerns	Not Assessed	9 mile reach near Bryant-Irvin Road	9			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower mile of segment	1			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper 4 miles	4			
Public Water Supply Concern						
Finished Water: Chloride	No Concern	9 mile reach near Bryant-Irvin Road	9			
Finished Water: Chloride	No Concern	Lower mile of segment	1			
Finished Water: Chloride	No Concern	Upper 4 miles	4			
Finished Water: Sulfate	No Concern	9 mile reach near Bryant-Irvin Road	9			

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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	Lower mile of segment	1			
Finished Water: Sulfate	No Concern	Upper 4 miles	4			
Finished Water: Total Dissolved Solids	No Concern	9 mile reach near Bryant-Irvin Road	9			
Finished Water: Total Dissolved Solids	No Concern	Lower mile of segment	1			
Finished Water: Total Dissolved Solids	No Concern	Upper 4 miles	4			
Finished Water: MTBE	No Concern	9 mile reach near Bryant-Irvin Road	9			
Finished Water: MTBE	No Concern	Lower mile of segment	1			
Finished Water: MTBE	No Concern	Upper 4 miles	4			
Finished Water: Perchlorate	Not Assessed	9 mile reach near Bryant-Irvin Road	9			
Finished Water: Perchlorate	Not Assessed	Lower mile of segment	1			
Finished Water: Perchlorate	Not Assessed	Upper 4 miles	4			
Finished Water: Overall	No Concern	9 mile reach near Bryant-Irvin Road	9			
Finished Water: Overall	No Concern	Lower mile of segment	1			
Finished Water: Overall	No Concern	Upper 4 miles	4			
Surface Water: Chloride	No Concern	9 mile reach near Bryant-Irvin Road	9	18		21.6
Surface Water: Chloride	No Concern	Lower mile of segment	1	18		21.6
Surface Water: Chloride	No Concern	Upper 4 miles	4	18		21.6
Surface Water: Sulfate	No Concern	9 mile reach near Bryant-Irvin Road	9	18		37.5
Surface Water: Sulfate	No Concern	Lower mile of segment	1	18		37.5
Surface Water: Sulfate	No Concern	Upper 4 miles	4	18		37.5
Surface Water: Total Dissolved Solids	No Concern	9 mile reach near Bryant-Irvin Road	9	22		283.72
Surface Water: Total Dissolved Solids	No Concern	Lower mile of segment	1	22		283.72
Surface Water: Total Dissolved Solids	No Concern	Upper 4 miles	4	22		283.72

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Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Concern (continued)						
Surface Water: Overall	No Concern	9 mile reach near Bryant-Irvin Road	9			
Surface Water: Overall	No Concern	Lower mile of segment	1			
Surface Water: Overall	No Concern	Upper 4 miles	4			
Overall Public Water Supply Concerns	No Concern	9 mile reach near Bryant-Irvin Road	9			
Overall Public Water Supply Concerns	No Concern	Lower mile of segment	1			
Overall Public Water Supply Concerns	No Concern	Upper 4 miles	4			
Narrative Criteria Concern						
Overall Narrative Criteria Concerns	No Concern	9 mile reach near Bryant-Irvin Road	9			
Overall Narrative Criteria Concerns	No Concern	Lower mile of segment	1			
Overall Narrative Criteria Concerns	No Concern	Upper 4 miles	4			
Overall Secondary Concern						
	No Concern	9 mile reach near Bryant-Irvin Road	9			
	No Concern	Lower mile of segment	1			
	No Concern	Upper 4 miles	4			