

Segment ID: 0824

Water body name: Elm Fork Trinity River Above Ray Roberts Lake

Freshwater Stream

Trinity River Basin

Total size:

86 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	No Concern	2 mile reach near unmarked county road, 1.4 km downstream Gainesville WWTP	2	11	0	
2002	Dissolved Oxygen grab average	No Concern	25 mile reach near FM 3108	25	10	1	
2002	Dissolved Oxygen grab average	Not Assessed	3.5 mile reach near SH 51	3.5	5	2	
2002	Dissolved Oxygen grab average	No Concern	Lower 7.5 miles of segment	7.5	56	1	
2002	Dissolved Oxygen grab minimum	Fully Supporting	2 mile reach near unmarked county road, 1.4 km downstream Gainesville WWTP	2	11	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	25 mile reach near FM 3108	25	10	1	
2002	Dissolved Oxygen grab minimum	No Concern-Limited Data	3.5 mile reach near SH 51	3.5	5	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Lower 7.5 miles of segment	7.5	56	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	2 mile reach near unmarked county road, 1.4 km downstream Gainesville WWTP	2	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	25 mile reach near FM 3108	25	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	3.5 mile reach near SH 51	3.5	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Lower 7.5 miles of segment	7.5	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	2 mile reach near unmarked county road, 1.4 km downstream Gainesville WWTP	2	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	25 mile reach near FM 3108	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	3.5 mile reach near SH 51	3.5	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Lower 7.5 miles of segment	7.5	0		
2002	Acute Metals in water	Fully Supporting	25 mile reach near FM 3108	25	10	0	
2002	Acute Metals in water	Fully Supporting	Lower 7.5 miles of segment	7.5	10	0	
2002	Chronic Metals in water	Fully Supporting	25 mile reach near FM 3108	25	10		
2002	Chronic Metals in water	Fully Supporting	Lower 7.5 miles of segment	7.5	10		

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Aquatic Life Use (continued)

2002	Overall Aquatic Life Use	Fully Supporting	2 mile reach near unmarked county road, 1.4 km downstream Gainesville WWTP	2			
2002	Overall Aquatic Life Use	Fully Supporting	25 mile reach near FM 3108	25			
2002	Overall Aquatic Life Use	Not Assessed	3.5 mile reach near SH 51	3.5			
2002	Overall Aquatic Life Use	Fully Supporting	Lower 7.5 miles of segment	7.5			
2002	Overall Aquatic Life Use	Not Assessed	Upper 48 miles of segment	48			

Contact Recreation Use

2004	E. coli single sample	Not Assessed	2 mile reach near unmarked county road, 1.4 km downstream Gainesville WWTP	2	0		
2004	E. coli single sample	Use Concern	3.5 mile reach near SH 51	3.5	14	4	
2004	E. coli single sample	Not Assessed	Lower 7.5 miles of segment	7.5	0		
2004	E. coli geometric mean	Not Assessed	2 mile reach near unmarked county road, 1.4 km downstream Gainesville WWTP	2	0		
2004	E. coli geometric mean	Not Supporting	3.5 mile reach near SH 51	3.5	14		144
2004	E. coli geometric mean	Not Assessed	Lower 7.5 miles of segment	7.5	0		
2004	Fecal coliform single sample	Not Assessed	2 mile reach near unmarked county road, 1.4 km downstream Gainesville WWTP	2	2		
2004	Fecal coliform single sample	Not Supporting	3.5 mile reach near SH 51	3.5	13	8	
2004	Fecal coliform single sample	Not Supporting	Lower 7.5 miles of segment	7.5	42	18	
2004	Fecal coliform geometric mean	Not Assessed	2 mile reach near unmarked county road, 1.4 km downstream Gainesville WWTP	2	2		
2004	Fecal coliform geometric mean	Not Supporting	3.5 mile reach near SH 51	3.5	13		587
2004	Fecal coliform geometric mean	Not Supporting	Lower 7.5 miles of segment	7.5	42		396
2004	Overall Recreation Use	Not Assessed	2 mile reach near unmarked county road, 1.4 km downstream Gainesville WWTP	2			

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Contact Recreation Use (continued)

2004	Overall Recreation Use	Not Assessed	25 mile reach near FM 3108	25			
2004	Overall Recreation Use	Not Supporting	3.5 mile reach near SH 51	3.5			
2004	Overall Recreation Use	Not Supporting	Lower 7.5 miles of segment	7.5			
2004	Overall Recreation Use	Not Assessed	Upper 48 miles of segment	48			

General Use

2002	Water Temperature	Fully Supporting	2 mile reach near unmarked county road, 1.4 km downstream Gainesville WWTP	2	11	0	
2002	Water Temperature	Fully Supporting	25 mile reach near FM 3108	25	10	0	
2002	Water Temperature	No Concern-Limited Data	3.5 mile reach near SH 51	3.5	6	0	
2002	Water Temperature	Fully Supporting	Lower 7.5 miles of segment	7.5	56	0	
2002	pH	Fully Supporting	2 mile reach near unmarked county road, 1.4 km downstream Gainesville WWTP	2	11	0	
2002	pH	Fully Supporting	25 mile reach near FM 3108	25	10	0	
2002	pH	No Concern-Limited Data	3.5 mile reach near SH 51	3.5	6	0	
2002	pH	Fully Supporting	Lower 7.5 miles of segment	7.5	56	0	
2002	Chloride	Fully Supporting	2 mile reach near unmarked county road, 1.4 km downstream Gainesville WWTP	2	58		45.2
2002	Chloride	Fully Supporting	25 mile reach near FM 3108	25	58		45.2
2002	Chloride	Fully Supporting	3.5 mile reach near SH 51	3.5	58		45.2
2002	Chloride	Fully Supporting	Lower 7.5 miles of segment	7.5	58		45.2
2002	Chloride	Fully Supporting	Upper 48 miles of segment	48	58		45.2
2002	Sulfate	Fully Supporting	2 mile reach near unmarked county road, 1.4 km downstream Gainesville WWTP	2	34		49.7
2002	Sulfate	Fully Supporting	25 mile reach near FM 3108	25	34		49.7

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Fish Consumption Use (continued)

2002	Overall Fish Consumption Use	Not Assessed	Upper 48 miles of segment	48			
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Overall Use Support

2004		Fully Supporting	2 mile reach near unmarked county road, 1.4 km downstream Gainesville WWTP	2			
2004		Fully Supporting	25 mile reach near FM 3108	25			
2004		Not Supporting	3.5 mile reach near SH 51	3.5			
2004		Not Supporting	Lower 7.5 miles of segment	7.5			
2004		Fully Supporting	Upper 48 miles of segment	48			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	2 mile reach near unmarked county road, 1.4 km downstream Gainesville WWTP	2	11	1	
2002	Ammonia Nitrogen	No Concern	25 mile reach near FM 3108	25	10	2	
2002	Ammonia Nitrogen	Not Assessed	3.5 mile reach near SH 51	3.5	4		
2002	Ammonia Nitrogen	Concern	Lower 7.5 miles of segment	7.5	53	18	
2002	Nitrite + Nitrate Nitrogen	Concern	2 mile reach near unmarked county road, 1.4 km downstream Gainesville WWTP	2	11	7	
2002	Nitrite + Nitrate Nitrogen	No Concern	25 mile reach near FM 3108	25	10	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	3.5 mile reach near SH 51	3.5	4		
2002	Nitrite + Nitrate Nitrogen	Concern	Lower 7.5 miles of segment	7.5	53	39	
2002	Orthophosphorus	Concern	2 mile reach near unmarked county road, 1.4 km downstream Gainesville WWTP	2	11	7	
2002	Orthophosphorus	Not Assessed	25 mile reach near FM 3108	25	9		
2002	Orthophosphorus	Not Assessed	3.5 mile reach near SH 51	3.5	4		
2002	Orthophosphorus	Concern	Lower 7.5 miles of segment	7.5	47	32	

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Overall Secondary Concern

2002		Concern	2 mile reach near unmarked county road, 1.4 km downstream Gainesville WWTP	2			
2002		Concern	25 mile reach near FM 3108	25			
2002		No Concern	3.5 mile reach near SH 51	3.5			
2002		Concern	Lower 7.5 miles of segment	7.5			
2002		No Concern	Upper 48 miles of segment	48			