

**Segment ID: 0805**      **Water body name: Upper Trinity River**

Freshwater Stream      Trinity River Basin      Total size:      100 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
-----------------	-------------------	----------------------------------	----------	---------------	--------------	------------------	------

**Aquatic Life Use**

2002	Dissolved Oxygen grab average	No Concern	11 mile reach near S. Loop 12	11	57	1	
2002	Dissolved Oxygen grab average	No Concern	25 mile reach near FM 85	25	22	0	
2002	Dissolved Oxygen grab average	No Concern	25 mile reach near SH 34	25	36	1	
2002	Dissolved Oxygen grab average	No Concern	Upper 8 miles	8	11	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	11 mile reach near S. Loop 12	11	57	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	25 mile reach near FM 85	25	22	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	25 mile reach near SH 34	25	36	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Upper 8 miles	8	11	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	11 mile reach near S. Loop 12	11	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	25 mile reach near FM 85	25	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	25 mile reach near SH 34	25	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Upper 8 miles	8	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	11 mile reach near S. Loop 12	11	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	25 mile reach near FM 85	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	25 mile reach near SH 34	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Upper 8 miles	8	0		
2002	Acute Metals in water	Not Assessed	25 mile reach near SH 34	25	1		
2002	Acute Metals in water Aluminum	Fully Supporting	25 mile reach near FM 85	25	12	1	
2002	Chronic Metals in water	Fully Supporting	25 mile reach near FM 85	25	12		
2002	Chronic Metals in water	Not Assessed	25 mile reach near SH 34	25	1		
2002	Overall Aquatic Life Use	Fully Supporting	11 mile reach near S. Loop 12	11			
2002	Overall Aquatic Life Use	Fully Supporting	25 mile reach near FM 85	25			
2002	Overall Aquatic Life Use	Fully Supporting	25 mile reach near SH 34	25			

**Segment ID: 0805**      **Water body name: Upper Trinity River**

Freshwater Stream

Trinity River Basin

Total size:

100 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
-----------------	-------------------	----------------------------------	----------	---------------	--------------	------------------	------

**Aquatic Life Use** (continued)

2002	Overall Aquatic Life Use	Not Assessed	Remainder of segment	31			
2002	Overall Aquatic Life Use	Fully Supporting	Upper 8 miles	8			

**Contact Recreation Use**

2004	E. coli single sample	Not Supporting	11 mile reach near S. Loop 12	11	17	9	
2004	E. coli single sample	No Concern-Limited Data	25 mile reach near FM 85	25	7	2	
2004	E. coli single sample	Not Supporting	25 mile reach near SH 34	25	25	9	
2004	E. coli single sample	Not Supporting	Upper 8 miles	8	17	8	
2004	E. coli geometric mean	Not Supporting	11 mile reach near S. Loop 12	11	17		419
2004	E. coli geometric mean	No Concern-Limited Data	25 mile reach near FM 85	25	7		50
2004	E. coli geometric mean	Not Supporting	25 mile reach near SH 34	25	25		172
2004	E. coli geometric mean	Not Supporting	Upper 8 miles	8	17		294
2004	Fecal coliform single sample	Not Assessed	11 mile reach near S. Loop 12	11	0		
2004	Fecal coliform single sample	Fully Supporting	25 mile reach near FM 85	25	11	1	
2004	Fecal coliform single sample	Use Concern-Limited Data	25 mile reach near SH 34	25	8	3	
2004	Fecal coliform single sample	Not Assessed	Upper 8 miles	8	0		
2004	Fecal coliform geometric mean	Not Assessed	11 mile reach near S. Loop 12	11	0		
2004	Fecal coliform geometric mean	Fully Supporting	25 mile reach near FM 85	25	11		39
2004	Fecal coliform geometric mean	Use Concern-Limited Data	25 mile reach near SH 34	25	8		304
2004	Fecal coliform geometric mean	Not Assessed	Upper 8 miles	8	0		
2004	Overall Recreation Use	Not Supporting	11 mile reach near S. Loop 12	11			
2004	Overall Recreation Use	Fully Supporting	25 mile reach near FM 85	25			

**Segment ID: 0805**      **Water body name: Upper Trinity River**

Freshwater Stream

Trinity River Basin

Total size:

100 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
-----------------	-------------------	----------------------------------	----------	---------------	--------------	------------------	------

**Contact Recreation Use** (continued)

2004	Overall Recreation Use	Not Supporting	25 mile reach near SH 34	25			
2004	Overall Recreation Use	Not Assessed	Remainder of segment	31			
2004	Overall Recreation Use	Not Supporting	Upper 8 miles	8			

**General Use**

2002	Water Temperature	Fully Supporting	11 mile reach near S. Loop 12	11	57	0	
2002	Water Temperature	Fully Supporting	25 mile reach near FM 85	25	22	0	
2002	Water Temperature	Fully Supporting	25 mile reach near SH 34	25	36	0	
2002	Water Temperature	Fully Supporting	Upper 8 miles	8	11	0	
2002	pH	Fully Supporting	11 mile reach near S. Loop 12	11	56	0	
2002	pH	Fully Supporting	25 mile reach near FM 85	25	22	0	
2002	pH	Fully Supporting	25 mile reach near SH 34	25	35	0	
2002	pH	Fully Supporting	Upper 8 miles	8	10	0	
2002	Chloride	Fully Supporting	11 mile reach near S. Loop 12	11	97		52.3
2002	Chloride	Fully Supporting	25 mile reach near FM 85	25	97		52.3
2002	Chloride	Fully Supporting	25 mile reach near SH 34	25	97		52.3
2002	Chloride	Fully Supporting	Remainder of segment	31	97		52.3
2002	Chloride	Fully Supporting	Upper 8 miles	8	97		52.3
2002	Sulfate	Fully Supporting	11 mile reach near S. Loop 12	11	106		74.9
2002	Sulfate	Fully Supporting	25 mile reach near FM 85	25	106		74.9
2002	Sulfate	Fully Supporting	25 mile reach near SH 34	25	106		74.9
2002	Sulfate	Fully Supporting	Remainder of segment	31	106		74.9
2002	Sulfate	Fully Supporting	Upper 8 miles	8	106		74.9
2002	Total Dissolved Solids	Fully Supporting	11 mile reach near S. Loop 12	11	127		405.9
2002	Total Dissolved Solids	Fully Supporting	25 mile reach near FM 85	25	127		405.9

**Segment ID: 0805**      **Water body name: Upper Trinity River**

Freshwater Stream

Trinity River Basin

Total size:

100 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
-----------------	-------------------	----------------------------------	----------	---------------	--------------	------------------	------

**General Use** (continued)

2002	Total Dissolved Solids	Fully Supporting	25 mile reach near SH 34	25	127		405.9
2002	Total Dissolved Solids	Fully Supporting	Remainder of segment	31	127		405.9
2002	Total Dissolved Solids	Fully Supporting	Upper 8 miles	8	127		405.9
2002	Overall General Use	Fully Supporting	11 mile reach near S. Loop 12	11			
2002	Overall General Use	Fully Supporting	25 mile reach near FM 85	25			
2002	Overall General Use	Fully Supporting	25 mile reach near SH 34	25			
2002	Overall General Use	Fully Supporting	Remainder of segment	31			
2002	Overall General Use	Fully Supporting	Upper 8 miles	8			

**Fish Consumption Use**

2002	Advisories and Closures Aquatic Life Closure	Not Supporting	11 mile reach near S. Loop 12	11			
2002	Advisories and Closures Aquatic Life Closure	Not Supporting	Upper 8 miles	8			
2002	Human Health Criteria Chromium	Fully Supporting	25 mile reach near FM 85	25	12		2.25
2002	Human Health Criteria Lead	Fully Supporting	25 mile reach near FM 85	25	12		1.82
2002	Human Health Criteria Metals	Not Assessed	25 mile reach near SH 34	25	2		
2002	Overall Fish Consumption Use	Not Supporting	11 mile reach near S. Loop 12	11			
2002	Overall Fish Consumption Use	Fully Supporting	25 mile reach near FM 85	25			
2002	Overall Fish Consumption Use	Not Assessed	25 mile reach near SH 34	25			
2002	Overall Fish Consumption Use	Not Assessed	Remainder of segment	31			
2002	Overall Fish Consumption Use	Not Supporting	Upper 8 miles	8			

**Overall Use Support**

2004		Not Supporting	11 mile reach near S. Loop 12	11			
2004		Fully Supporting	25 mile reach near FM 85	25			

Segment ID: 0805

Water body name: Upper Trinity River

Freshwater Stream

Trinity River Basin

Total size:

100 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
-----------------	-------------------	----------------------------------	----------	---------------	--------------	------------------	------

**Overall Use Support** (continued)

2004		Not Supporting	25 mile reach near SH 34	25			
2004		Fully Supporting	Remainder of segment	31			
2004		Not Supporting	Upper 8 miles	8			

**Nutrient Enrichment Concern**

2002	Ammonia Nitrogen	Concern	11 mile reach near S. Loop 12	11	54	22	
2002	Ammonia Nitrogen	No Concern	25 mile reach near FM 85	25	18	3	
2002	Ammonia Nitrogen	No Concern	25 mile reach near SH 34	25	32	8	
2002	Ammonia Nitrogen	Not Assessed	Upper 8 miles	8	9		
2002	Nitrite + Nitrate Nitrogen	Concern	11 mile reach near S. Loop 12	11	57	43	
2002	Nitrite + Nitrate Nitrogen	Concern	25 mile reach near FM 85	25	17	12	
2002	Nitrite + Nitrate Nitrogen	Concern	25 mile reach near SH 34	25	34	28	
2002	Nitrite + Nitrate Nitrogen	Concern	Upper 8 miles	8	12	12	
2002	Orthophosphorus	Concern	11 mile reach near S. Loop 12	11	57	38	
2002	Orthophosphorus	Concern	25 mile reach near FM 85	25	17	11	
2002	Orthophosphorus	Concern	25 mile reach near SH 34	25	35	29	
2002	Orthophosphorus	Concern	Upper 8 miles	8	12	9	
2002	Total Phosphorus	Concern	11 mile reach near S. Loop 12	11	51	32	
2002	Total Phosphorus	Concern	25 mile reach near FM 85	25	18	13	
2002	Total Phosphorus	Not Assessed	25 mile reach near SH 34	25	9		
2002	Total Phosphorus	Concern	Upper 8 miles	8	12	11	
2002	Overall Nutrient Enrichment Concerns	Concern	11 mile reach near S. Loop 12	11			
2002	Overall Nutrient Enrichment Concerns	Concern	25 mile reach near FM 85	25			

**Segment ID: 0805**      **Water body name: Upper Trinity River**

Freshwater Stream

Trinity River Basin

Total size:

100 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
-----------------	-------------------	----------------------------------	----------	---------------	--------------	------------------	------

**Nutrient Enrichment Concern** (continued)

2002	Overall Nutrient Enrichment Concerns	Concern	25 mile reach near SH 34	25			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Remainder of segment	31			
2002	Overall Nutrient Enrichment Concerns	Concern	Upper 8 miles	8			

**Algal Growth Concern**

2002	Chlorophyll a	Not Assessed	11 mile reach near S. Loop 12	11	7		
2002	Chlorophyll a	No Concern	25 mile reach near FM 85	25	18	4	
2002	Chlorophyll a	Not Assessed	25 mile reach near SH 34	25	9		
2002	Chlorophyll a	Not Assessed	Remainder of segment	31			
2002	Chlorophyll a	No Concern	Upper 8 miles	8	10	2	

**Sediment Contaminants Concern**

2002	Organics in sediment	Not Assessed	Upper 8 miles	8	3		
2002	Overall Sediment Contaminant Concerns	Not Assessed	11 mile reach near S. Loop 12	11			
2002	Overall Sediment Contaminant Concerns	Not Assessed	25 mile reach near FM 85	25			
2002	Overall Sediment Contaminant Concerns	Not Assessed	25 mile reach near SH 34	25			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Remainder of segment	31			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upper 8 miles	8			

**Fish Tissue Contaminants Concern**

2002	Metals in fish tissue	No Concern	Upper 8 miles	8	10	0	
------	-----------------------	------------	---------------	---	----	---	--

**Segment ID: 0805**      **Water body name: Upper Trinity River**

Freshwater Stream      Trinity River Basin      Total size:      100 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
-----------------	-------------------	----------------------------------	----------	---------------	--------------	------------------	------

**Fish Tissue Contaminants Concern** (continued)

2002	Organics in fish tissue	No Concern	Upper 8 miles	8	10	0	
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	11 mile reach near S. Loop 12	11			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	25 mile reach near FM 85	25			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	25 mile reach near SH 34	25			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Remainder of segment	31			
2002	Overall Fish Tissue Contaminant Concerns	No Concern	Upper 8 miles	8			

**Narrative Criteria Concern**

2002	Overall Narrative Criteria Concerns	No Concern	11 mile reach near S. Loop 12	11			
2002	Overall Narrative Criteria Concerns	No Concern	25 mile reach near FM 85	25			
2002	Overall Narrative Criteria Concerns	No Concern	25 mile reach near SH 34	25			
2002	Overall Narrative Criteria Concerns	No Concern	Remainder of segment	31			
2002	Overall Narrative Criteria Concerns	No Concern	Upper 8 miles	8			

**Overall Secondary Concern**

2002		Concern	11 mile reach near S. Loop 12	11			
2002		Concern	25 mile reach near FM 85	25			
2002		Concern	25 mile reach near SH 34	25			
2002		No Concern	Remainder of segment	31			
2002		Concern	Upper 8 miles	8			