Segment ID: 0804 **Water body name:** Trinity River Above Lake Livingston

Freshwater Stream | Trinity River Basin | Total size: 160 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	12 miles upstream to 13 miles downstream US 79	25	34	0	
2002	Dissolved Oxygen grab average	No Concern	9.5 miles upstream to 15.5 miles downstream of US 287	25	12	0	
2002	Dissolved Oxygen grab average	No Concern	Lower 25 miles of segment	25	85	1	
2002	Dissolved Oxygen grab average	No Concern	Upper 22 miles of segment	22	17	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	12 miles upstream to 13 miles downstream US 79	25	34	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	9.5 miles upstream to 15.5 miles downstream of US 287	25	12	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Lower 25 miles of segment	25	85	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Upper 22 miles of segment	22	17	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	12 miles upstream to 13 miles downstream US 79	25	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	9.5 miles upstream to 15.5 miles downstream of US 287	25	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Lower 25 miles of segment	25	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Upper 22 miles of segment	22	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	12 miles upstream to 13 miles downstream US 79	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	9.5 miles upstream to 15.5 miles downstream of US 287	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Lower 25 miles of segment	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Upper 22 miles of segment	22	0		
2002	Acute Metals in water	Fully Supporting	12 miles upstream to 13 miles downstream US 79	25	22	0	
2002	Acute Metals in water	Fully Supporting	9.5 miles upstream to 15.5 miles downstream of US 287	25	12	0	
2002	Acute Metals in water	Fully Supporting	Lower 25 miles of segment	25	38	0	
2002	Acute Metals in water	Fully Supporting	Upper 22 miles of segment	22	10	0	

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Freshwater Stream | Trinity River Basin | Total size: 160 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Aquatic Life Use (continued)							
2002	Chronic Metals in water	Fully Supporting	12 miles upstream to 13 miles downstream US 79	25	22		
2002	Chronic Metals in water	Fully Supporting	9.5 miles upstream to 15.5 miles downstream of US 287	25	12		
2002	Chronic Metals in water	Fully Supporting	Lower 25 miles of segment	25	38		
2002	Chronic Metals in water	Fully Supporting	Upper 22 miles of segment	22	10		
2002	Overall Aquatic Life Use	Fully Supporting	12 miles upstream to 13 miles downstream US 79	25			
2002	Overall Aquatic Life Use	Fully Supporting	9.5 miles upstream to 15.5 miles downstream of US 287	25			
2002	Overall Aquatic Life Use	Fully Supporting	Lower 25 miles of segment	25			
2002	Overall Aquatic Life Use	Not Assessed	Remainder of segment	63			
2002	Overall Aquatic Life Use	Fully Supporting	Upper 22 miles of segment	22			
Contact Recreation Use							
2002	E. coli single sample	Not Assessed	12 miles upstream to 13 miles downstream US 79	25	0		
2002	E. coli single sample	Not Assessed	Lower 25 miles of segment	25	0		
2002	E. coli single sample	Not Assessed	Upper 22 miles of segment	22	1		
2002	E. coli geometric mean	Not Assessed	12 miles upstream to 13 miles downstream US 79	25	0		
2002	E. coli geometric mean	Not Assessed	Lower 25 miles of segment	25	0		
2002	E. coli geometric mean	Not Assessed	Upper 22 miles of segment	22	1		
2002	Fecal coliform single sample	Fully Supporting	12 miles upstream to 13 miles downstream US 79	25	29	2	
2002	Fecal coliform single sample	Fully Supporting	Lower 25 miles of segment	25	58	13	
2002	Fecal coliform single sample	Fully Supporting	Upper 22 miles of segment	22	13	1	
2002	Fecal coliform geometric mean	Fully Supporting	12 miles upstream to 13 miles downstream US 79	25	29		52
2002	Fecal coliform geometric mean	Fully Supporting	Lower 25 miles of segment	25	58		145
2002	Fecal coliform geometric mean	Fully Supporting	Upper 22 miles of segment	22	13		66

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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Contact Recreation Use (continued)							
2002	Overall Recreation Use	Fully Supporting	12 miles upstream to 13 miles downstream US 79	25			
2002	Overall Recreation Use	Not Assessed	9.5 miles upstream to 15.5 miles downstream of US 287	25			
2002	Overall Recreation Use	Fully Supporting	Lower 25 miles of segment	25			
2002	Overall Recreation Use	Not Assessed	Remainder of segment	63			
2002	Overall Recreation Use	Fully Supporting	Upper 22 miles of segment	22			
General Use							
2002	Water Temperature	Fully Supporting	12 miles upstream to 13 miles downstream US 79	25	39	0	
2002	Water Temperature	Fully Supporting	9.5 miles upstream to 15.5 miles downstream of US 287	25	12	0	
2002	Water Temperature	Fully Supporting	Lower 25 miles of segment	25	92	0	
2002	Water Temperature	Fully Supporting	Upper 22 miles of segment	22	17	0	
2002	pH	Fully Supporting	12 miles upstream to 13 miles downstream US 79	25	34	2	
2002	pH	Fully Supporting	9.5 miles upstream to 15.5 miles downstream of US 287	25	12	0	
2002	pH	Fully Supporting	Lower 25 miles of segment	25	87	2	
2002	pH	Fully Supporting	Upper 22 miles of segment	22	17	0	
2002	Chloride	Fully Supporting	12 miles upstream to 13 miles downstream US 79	25	132		47.6
2002	Chloride	Fully Supporting	9.5 miles upstream to 15.5 miles downstream of US 287	25	132		47.6
2002	Chloride	Fully Supporting	Lower 25 miles of segment	25	132		47.6
2002	Chloride	Fully Supporting	Remainder of segment	63	132		47.6
2002	Chloride	Fully Supporting	Upper 22 miles of segment	22	132		47.6
2002	Sulfate	Fully Supporting	12 miles upstream to 13 miles downstream US 79	25	131		63.6

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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
General Use (continued)							
2002	Sulfate	Fully Supporting	9.5 miles upstream to 15.5 miles downstream of US 287	25	131		63.6
2002	Sulfate	Fully Supporting	Lower 25 miles of segment	25	131		63.6
2002	Sulfate	Fully Supporting	Remainder of segment	63	131		63.6
2002	Sulfate	Fully Supporting	Upper 22 miles of segment	22	131		63.6
2002	Total Dissolved Solids	Fully Supporting	12 miles upstream to 13 miles downstream US 79	25	160		351.5
2002	Total Dissolved Solids	Fully Supporting	9.5 miles upstream to 15.5 miles downstream of US 287	25	160		351.5
2002	Total Dissolved Solids	Fully Supporting	Lower 25 miles of segment	25	160		351.5
2002	Total Dissolved Solids	Fully Supporting	Remainder of segment	63	160		351.5
2002	Total Dissolved Solids	Fully Supporting	Upper 22 miles of segment	22	160		351.5
2002	Overall General Use	Fully Supporting	12 miles upstream to 13 miles downstream US 79	25			
2002	Overall General Use	Fully Supporting	9.5 miles upstream to 15.5 miles downstream of US 287	25			
2002	Overall General Use	Fully Supporting	Lower 25 miles of segment	25			
2002	Overall General Use	Fully Supporting	Remainder of segment	63			
2002	Overall General Use	Fully Supporting	Upper 22 miles of segment	22			
Fish Consumption Use							
2002	Human Health Criteria Chromium	Fully Supporting	12 miles upstream to 13 miles downstream US 79	25	21		1.62
2002	Human Health Criteria Chromium	Fully Supporting	Lower 25 miles of segment	25	37		1.53
2002	Human Health Criteria Chromium	Fully Supporting	Upper 22 miles of segment	22	10		1.9
2002	Human Health Criteria Lead	Fully Supporting	12 miles upstream to 13 miles downstream US 79	25	33		1.31
2002	Human Health Criteria Lead	Fully Supporting	9.5 miles upstream to 15.5 miles downstream of US 287	25	12		1
2002	Human Health Criteria Lead	Fully Supporting	Lower 25 miles of segment	25	50		2.09
2002	Human Health Criteria Lead	Fully Supporting	Upper 22 miles of segment	22	10		1.87

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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Fish Consumption Use (continued)							
2002	Overall Fish Consumption Use	Fully Supporting	12 miles upstream to 13 miles downstream US 79	25			
2002	Overall Fish Consumption Use	Fully Supporting	9.5 miles upstream to 15.5 miles downstream of US 287	25			
2002	Overall Fish Consumption Use	Fully Supporting	Lower 25 miles of segment	25			
2002	Overall Fish Consumption Use	Not Assessed	Remainder of segment	63			
2002	Overall Fish Consumption Use	Fully Supporting	Upper 22 miles of segment	22			
Overall Use Support							
2002		Fully Supporting	12 miles upstream to 13 miles downstream US 79	25			
2002		Fully Supporting	9.5 miles upstream to 15.5 miles downstream of US 287	25			
2002		Fully Supporting	Lower 25 miles of segment	25			
2002		Fully Supporting	Remainder of segment	63			
2002		Fully Supporting	Upper 22 miles of segment	22			
Nutrient Enrichment Concern							
2002	Ammonia Nitrogen	No Concern	12 miles upstream to 13 miles downstream US 79	25	32	2	
2002	Ammonia Nitrogen	No Concern	9.5 miles upstream to 15.5 miles downstream of US 287	25	12	2	
2002	Ammonia Nitrogen	No Concern	Lower 25 miles of segment	25	87	4	
2002	Ammonia Nitrogen	No Concern	Upper 22 miles of segment	22	14	0	
2002	Nitrite + Nitrate Nitrogen	Concern	12 miles upstream to 13 miles downstream US 79	25	32	23	
2002	Nitrite + Nitrate Nitrogen	Concern	9.5 miles upstream to 15.5 miles downstream of US 287	25	12	10	
2002	Nitrite + Nitrate Nitrogen	Concern	Lower 25 miles of segment	25	73	36	
2002	Nitrite + Nitrate Nitrogen	Concern	Upper 22 miles of segment	22	14	9	
2002	Orthophosphorus	Concern	12 miles upstream to 13 miles downstream US 79	25	32	20	

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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Nutrient Enrichment Concern (continued)							
2002	Orthophosphorus	Not Assessed	9.5 miles upstream to 15.5 miles downstream of US 287	25	9		
2002	Orthophosphorus	Concern	Lower 25 miles of segment	25	77	30	
2002	Orthophosphorus	Concern	Upper 22 miles of segment	22	14	9	
2002	Total Phosphorus	Concern	12 miles upstream to 13 miles downstream US 79	25	32	15	
2002	Total Phosphorus	Concern	9.5 miles upstream to 15.5 miles downstream of US 287	25	12	7	
2002	Total Phosphorus	Concern	Lower 25 miles of segment	25	51	22	
2002	Total Phosphorus	Concern	Upper 22 miles of segment	22	14	8	
2002	Overall Nutrient Enrichment Concerns	Concern	12 miles upstream to 13 miles downstream US 79	25			
2002	Overall Nutrient Enrichment Concerns	Concern	9.5 miles upstream to 15.5 miles downstream of US 287	25			
2002	Overall Nutrient Enrichment Concerns	Concern	Lower 25 miles of segment	25			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Remainder of segment	63			
2002	Overall Nutrient Enrichment Concerns	Concern	Upper 22 miles of segment	22			
Algal Growth Concern							
2002	Chlorophyll a	Concern	12 miles upstream to 13 miles downstream US 79	25	24	8	
2002	Chlorophyll a	Not Assessed	9.5 miles upstream to 15.5 miles downstream of US 287	25	9		
2002	Chlorophyll a	Not Assessed	Lower 25 miles of segment	25	9		
2002	Chlorophyll a	Not Assessed	Remainder of segment	63			
2002	Chlorophyll a	Concern	Upper 22 miles of segment	22	14	5	

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Sediment Contaminants Concern							
2002	Overall Sediment Contaminant Concerns	Not Assessed	12 miles upstream to 13 miles downstream US 79	25			
2002	Overall Sediment Contaminant Concerns	Not Assessed	9.5 miles upstream to 15.5 miles downstream of US 287	25			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Lower 25 miles of segment	25			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Remainder of segment	63			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upper 22 miles of segment	22			
Fish Tissue Contaminants Concern							
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	12 miles upstream to 13 miles downstream US 79	25			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	9.5 miles upstream to 15.5 miles downstream of US 287	25			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 25 miles of segment	25			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Remainder of segment	63			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper 22 miles of segment	22			
Narrative Criteria Concern							
2002	Overall Narrative Criteria Concerns	No Concern	12 miles upstream to 13 miles downstream US 79	25			
2002	Overall Narrative Criteria Concerns	No Concern	9.5 miles upstream to 15.5 miles downstream of US 287	25			
2002	Overall Narrative Criteria Concerns	No Concern	Lower 25 miles of segment	25			

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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Narrative Criteria Concern (continued)							
2002	Overall Narrative Criteria Concerns	No Concern	Remainder of segment	63			
2002	Overall Narrative Criteria Concerns	No Concern	Upper 22 miles of segment	22			
Overall Secondary Concern							
2002		Concern	12 miles upstream to 13 miles downstream US 79	25			
2002		Concern	9.5 miles upstream to 15.5 miles downstream of US 287	25			
2002		Concern	Lower 25 miles of segment	25			
2002		No Concern	Remainder of segment	63			
2002		Concern	Upper 22 miles of segment	22			