Freshwater Stream		Trinity River Basin		Total size:	e: 100		Miles	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	L	ocation size	# of samples	# of exceedances	Mean
Aquatic Life U	Jse							
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			

Freshwater Stream		Trinity River Basin To		Total size:		Miles		
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	n	Location size	# of samples	# of exceedances	Mean
Aquatic Life U	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 Recre	eation Use							
2002	E. coli single sample	Not Assessed	11 mile reach near S. Loop 12		11	1		
2002	E. coli single sample	Not Assessed	25 mile reach near FM 85		25	2		
2002	E. coli single sample	Not Assessed	25 mile reach near SH 34		25	2		
2002	E. coli single sample	Not Assessed	Upper 8 miles		8	1		
2002	E. coli geometric mean	Not Assessed	11 mile reach near S. Loop 12		11	1		
2002	E. coli geometric mean	Not Assessed	25 mile reach near FM 85		25	2		
2002	E. coli geometric mean	Not Assessed	25 mile reach near SH 34		25	2		
2002	E. coli geometric mean	Not Assessed	Upper 8 miles		8	1		
2002	Fecal coliform single sample	Not Assessed	11 mile reach near S. Loop 12		11	0		
2002	Fecal coliform single sample	Fully Supporting	25 mile reach near FM 85		25	15	1	
2002	Fecal coliform single sample	Not Assessed	25 mile reach near SH 34		25	2		
2002	Fecal coliform single sample	Not Assessed	Upper 8 miles		8	0		
2002	Fecal coliform geometric mean	Not Assessed	11 mile reach near S. Loop 12		11	0		
2002	Fecal coliform geometric mean	Fully Supporting	25 mile reach near FM 85		25	15		27
2002	Fecal coliform geometric mean	Not Assessed	25 mile reach near SH 34		25	2		
2002	Fecal coliform geometric mean	Not Assessed	Upper 8 miles		8	0		
2002	Overall Recreation Use	Not Assessed	11 mile reach near S. Loop 12		11			
2002	Overall Recreation Use	Fully Supporting	25 mile reach near FM 85		25			
2002	Overall Recreation Use	Not Assessed	25 mile reach near SH 34		25			
2002	Overall Recreation Use	Not Assessed	Remainder of segment		31			
2002	Overall Recreation Use	Not Assessed	Upper 8 miles		8			

Freshwater Stream Trinity River Basin Total size: 100 Miles Status of Use # of # of Assessment Location Year Assessment Method **Support or Concern** Location samples exceedances Mean size **General Use** 2002 Water Temperature **Fully Supporting** 0 11 mile reach near S. Loop 12 11 57 2002 Water Temperature Fully Supporting 25 mile reach near FM 85 25 22 0 2002 Water Temperature **Fully Supporting** 0 25 mile reach near SH 34 25 36 2002 Water Temperature **Fully Supporting** 0 Upper 8 miles 8 11 2002 11 mile reach near S. Loop 12 pН **Fully Supporting** 11 56 0 2002 pН **Fully Supporting** 0 25 mile reach near FM 85 25 22 2002 рΗ **Fully Supporting** 0 25 mile reach near SH 34 25 35 2002 **Fully Supporting** 0 pН 8 10 Upper 8 miles 2002 Chloride **Fully Supporting** 11 mile reach near S. Loop 12 52.3 11 97 2002 Chloride **Fully Supporting** 25 mile reach near FM 85 52.3 25 97 2002 Chloride **Fully Supporting** 52.3 25 mile reach near SH 34 25 97 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 74.9 11 106 2002 Sulfate **Fully Supporting** 25 mile reach near FM 85 74.9 25 106 2002 Sulfate **Fully Supporting** 25 mile reach near SH 34 25 74.9 106 2002 Sulfate **Fully Supporting** Remainder of segment 31 106 74.9 2002 Sulfate **Fully Supporting** Upper 8 miles 8 74.9 106 2002 Total Dissolved Solids 405.9 **Fully Supporting** 11 mile reach near S. Loop 12 11 127 2002 405.9 Total Dissolved Solids **Fully Supporting** 25 mile reach near FM 85 127 25 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 405.9 **Fully Supporting** 8 Upper 8 miles 127 2002 Overall General Use **Fully Supporting** 11 mile reach near S. Loop 12 11

Freshwater Stream		Trinity River	Basin Total size:	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	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 Consump	otion 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 Su	ıpport						
2002		Not Supporting	11 mile reach near S. Loop 12	11			
2002		Fully Supporting	25 mile reach near FM 85	25			
2002		Fully Supporting	25 mile reach near SH 34	25			
2002		Fully Supporting	Remainder of segment	31			
2002		Not Supporting	Upper 8 miles	8			

Freshwater Stream Trinity River Basin Total size: 100 Miles Status of Use # of # of Assessment Location Year Assessment Method **Support or Concern** Location samples exceedances | Mean size **Nutrient Enrichment Concern** 2002 Ammonia Nitrogen 22 Concern 11 mile reach near S. Loop 12 11 54 2002 Ammonia Nitrogen No Concern 25 mile reach near FM 85 25 18 3 2002 Ammonia Nitrogen 8 No Concern 25 mile reach near SH 34 32 25 2002 Ammonia Nitrogen 8 9 Not Assessed Upper 8 miles 2002 Nitrite + Nitrate Nitrogen Concern 11 mile reach near S. Loop 12 11 57 43 2002 Nitrite + Nitrate Nitrogen 12 Concern 25 mile reach near FM 85 25 17 2002 Nitrite + Nitrate Nitrogen 28 25 mile reach near SH 34 Concern 25 34 2002 Nitrite + Nitrate Nitrogen 12 8 12 Concern Upper 8 miles 2002 Orthophosphorus 11 mile reach near S. Loop 12 Concern 11 57 38 2002 Orthophosphorus Concern 25 mile reach near FM 85 11 25 17 2002 Orthophosphorus 29 25 mile reach near SH 34 Concern 25 35 2002 9 Orthophosphorus 8 12 Concern Upper 8 miles 2002 Total Phosphorus Concern 11 mile reach near S. Loop 12 11 51 32 2002 **Total Phosphorus** Concern 25 mile reach near FM 85 13 25 18 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 Concern 11 mile reach near S. Loop 12 11 Concerns 2002 **Overall Nutrient Enrichment** Concern 25 mile reach near FM 85 25 Concerns 2002 Overall Nutrient Enrichment Concern 25 mile reach near SH 34 25 Concerns 2002 Overall Nutrient Enrichment Not Assessed Remainder of segment 31 Concerns 2002 Overall Nutrient Enrichment Concern Upper 8 miles 8 Concerns

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	Mea
gal 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	
liment Con	taminants Concern			<u>'</u>	•		•
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			
h Tissue Co	ontaminants Concern						
2002	Metals in fish tissue	No Concern	Upper 8 miles	8	10	0	
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			

Freshw	Freshwater Stream		Basin Total size:	Total size:		100 Miles	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Fish Tissue Co	ontaminants Concern (continu	ned)					
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 Crit	teria 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			
Uverall Secon	dary Concern						<u> </u>
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			