Freshwater Stream Trinity River Basin Total size: 19 Miles Status of Use # of # of Assessment Location Year Assessment Method **Support or Concern** Location size samples exceedances | Mean **Aquatic Life Use** 2002 Dissolved Oxygen grab average No Concern Lower 12.75 miles, downstream from South Fork 22 0 12.75 Trinity River confluence 2002 Dissolved Oxygen grab average 5 Use Concern Upper 6.25 miles, upstream from South Fork Trinity 6.25 30 River confluence 2002 Dissolved Oxygen grab minimum **Fully Supporting** Lower 12.75 miles, downstream from South Fork 12.75 0 22. Trinity River confluence 2002 **Fully Supporting** Dissolved Oxygen grab minimum Upper 6.25 miles, upstream from South Fork Trinity 6.25 30 0 River confluence Dissolved Oxygen 24hr average 2002 Not Assessed Lower 12.75 miles, downstream from South Fork 0 12.75 Trinity River confluence 2002 Dissolved Oxygen 24hr average Not Assessed Upper 6.25 miles, upstream from South Fork Trinity 6.25 0 River confluence 2002 Dissolved Oxygen 24hr minimum Lower 12.75 miles, downstream from South Fork Not Assessed 12.75 0 Trinity River confluence 2002 Dissolved Oxygen 24hr minimum 0 Not Assessed Upper 6.25 miles, upstream from South Fork Trinity 6.25 River confluence 2002 Acute Metals in water **Fully Supporting** 0 Lower 12.75 miles, downstream from South Fork 12.75 14 Trinity River confluence 2002 Acute Metals in water 0 Fully Supporting Upper 6.25 miles, upstream from South Fork Trinity 6.25 12 River confluence 2002 Chronic Metals in water Fully Supporting Lower 12.75 miles, downstream from South Fork 12.75 14 Trinity River confluence 2002 Chronic Metals in water Fully Supporting Upper 6.25 miles, upstream from South Fork Trinity 6.25 12 River confluence 2002 Overall Aquatic Life Use **Fully Supporting** Lower 12.75 miles, downstream from South Fork 12.75 Trinity River confluence

Freshwater Stream		Trinity River	Basin Total size:	Total size:		19 Miles	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Aquatic Life U	Use (continued)						
2002	Overall Aquatic Life Use	Fully Supporting	Upper 6.25 miles, upstream from South Fork Trinity River confluence	6.25			
Contact Recro	eation Use						
2002	E. coli single sample	Not Assessed	Lower 12.75 miles, downstream from South Fork Trinity River confluence	12.75	0		
2002	E. coli single sample	Not Assessed	Upper 6.25 miles, upstream from South Fork Trinity River confluence	6.25	0		
2002	E. coli geometric mean	Not Assessed	Lower 12.75 miles, downstream from South Fork Trinity River confluence	12.75	0		
2002	E. coli geometric mean	Not Assessed	Upper 6.25 miles, upstream from South Fork Trinity River confluence	6.25	0		
2002	Fecal coliform single sample	Use Concern-Limited Data	Lower 12.75 miles, downstream from South Fork Trinity River confluence	12.75	6	3	
2002	Fecal coliform single sample	Not Supporting	Upper 6.25 miles, upstream from South Fork Trinity River confluence	6.25	16	8	
2002	Fecal coliform geometric mean	Use Concern-Limited Data	Lower 12.75 miles, downstream from South Fork Trinity River confluence	12.75	6		338
2002	Fecal coliform geometric mean	Not Supporting	Upper 6.25 miles, upstream from South Fork Trinity River confluence	6.25	16		311
2002	Overall Recreation Use	Not Assessed	Lower 12.75 miles, downstream from South Fork Trinity River confluence	12.75			
2002	Overall Recreation Use	Not Supporting	Upper 6.25 miles, upstream from South Fork Trinity River confluence	6.25			
General Use		•		1	·	•	•
2002	Water Temperature	Fully Supporting	Lower 12.75 miles, downstream from South Fork Trinity River confluence	12.75	22	0	

Freshwater Stream Trinity River Basin Total size: 19 Miles Status of Use # of # of Assessment Location Year Assessment Method **Support or Concern** Location samples exceedances Mean size **General Use** (continued) 2002 Water Temperature **Fully Supporting** 0 Upper 6.25 miles, upstream from South Fork Trinity 6.25 32 River confluence 2002 **Fully Supporting** pН Lower 12.75 miles, downstream from South Fork 22. 0 12.75 Trinity River confluence 2002 0 pН Fully Supporting Upper 6.25 miles, upstream from South Fork Trinity 6.25 30 River confluence 2002 Chloride **Fully Supporting** 45.7 Lower 12.75 miles, downstream from South Fork 12.75 27 Trinity River confluence 2002 Chloride Fully Supporting Upper 6.25 miles, upstream from South Fork Trinity 6.25 27 45.7 River confluence 2002 Sulfate **Fully Supporting** Lower 12.75 miles, downstream from South Fork 12.75 27 44.2 Trinity River confluence 2002 Sulfate Upper 6.25 miles, upstream from South Fork Trinity 27 44.2 Fully Supporting 6.25 River confluence 2002 439.49 Total Dissolved Solids Fully Supporting Lower 12.75 miles, downstream from South Fork 12.75 54 Trinity River confluence 2002 Total Dissolved Solids Fully Supporting Upper 6.25 miles, upstream from South Fork Trinity 6.25 54 439.49 River confluence 2002 **Fully Supporting** Overall General Use Lower 12.75 miles, downstream from South Fork 12.75 Trinity River confluence 2002 Overall General Use **Fully Supporting** Upper 6.25 miles, upstream from South Fork Trinity 6.25 River confluence **Fish Consumption Use** 2002 Human Health Criteria Chromium Not Assessed Lower 12.75 miles, downstream from South Fork 12.75 2 Trinity River confluence 2002 Human Health Criteria Lead Fully Supporting Lower 12.75 miles, downstream from South Fork 1.28 12.75 14 Trinity River confluence

Freshwater Stream		Trinity River	Basin Total size:	Total size:		19 Miles		
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean	
Fish Consump	otion Use (continued)							
2002	Human Health Criteria Lead	Fully Supporting	Upper 6.25 miles, upstream from South Fork Trinity River confluence	6.25	12		1	
2002	Overall Fish Consumption Use	Fully Supporting	Lower 12.75 miles, downstream from South Fork Trinity River confluence	12.75				
2002	Overall Fish Consumption Use	Fully Supporting	Upper 6.25 miles, upstream from South Fork Trinity River confluence	6.25				
Public Water	Supply Use							
2002	Finished Water: Running Avg	Fully Supporting	Lower 12.75 miles, downstream from South Fork Trinity River confluence	12.75				
2002	Finished Water: Running Avg	Fully Supporting	Upper 6.25 miles, upstream from South Fork Trinity River confluence	6.25				
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower 12.75 miles, downstream from South Fork Trinity River confluence	12.75	19		0.58	
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Upper 6.25 miles, upstream from South Fork Trinity River confluence	6.25	27		0.28	
2002	Overall Public Water Supply Use	Fully Supporting	Lower 12.75 miles, downstream from South Fork Trinity River confluence	12.75				
2002	Overall Public Water Supply Use	Fully Supporting	Upper 6.25 miles, upstream from South Fork Trinity River confluence	6.25				
Overall Use Si	upport							
2002		Fully Supporting	Lower 12.75 miles, downstream from South Fork Trinity River confluence	12.75				
2002		Not Supporting	Upper 6.25 miles, upstream from South Fork Trinity River confluence	6.25				

Freshwater Stream Trinity River Basin Total size: 19 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 3 No Concern Lower 12.75 miles, downstream from South Fork 12.75 19 Trinity River confluence 2002 Ammonia Nitrogen Upper 6.25 miles, upstream from South Fork Trinity 1 No Concern 6.25 28 River confluence 2002 Nitrite + Nitrate Nitrogen 0 No Concern Lower 12.75 miles, downstream from South Fork 12.75 19 Trinity River confluence 2002 Nitrite + Nitrate Nitrogen 0 No Concern Upper 6.25 miles, upstream from South Fork Trinity 27 6.25 River confluence 2002 5 Orthophosphorus Concern Lower 12.75 miles, downstream from South Fork 12.75 17 Trinity River confluence 2002 Orthophosphorus Upper 6.25 miles, upstream from South Fork Trinity 0 No Concern 6.25 26 River confluence 2002 2 Total Phosphorus No Concern Lower 12.75 miles, downstream from South Fork 12.75 17 Trinity River confluence 2002 0 Total Phosphorus Upper 6.25 miles, upstream from South Fork Trinity No Concern 6.25 30 River confluence 2002 Overall Nutrient Enrichment Concern Lower 12.75 miles, downstream from South Fork 12.75 Concerns Trinity River confluence 2002 Overall Nutrient Enrichment No Concern Upper 6.25 miles, upstream from South Fork Trinity 6.25 Concerns River confluence **Algal Growth Concern** 2002 2 Chlorophyll a No Concern Lower 12.75 miles, downstream from South Fork 12.75 14 Trinity River confluence 2002 2 Chlorophyll a No Concern Upper 6.25 miles, upstream from South Fork Trinity 6.25 27 River confluence

Freshwater Stream Trinity River Basin Total size: 19 Miles Status of Use # of Assessment Location # of Year Assessment Method **Support or Concern** Location samples exceedances Mean size **Sediment Contaminants Concern** 2002 Overall Sediment Contaminant Not Assessed Lower 12.75 miles, downstream from South Fork 12.75 Concerns Trinity River confluence 2002 Overall Sediment Contaminant Upper 6.25 miles, upstream from South Fork Trinity Not Assessed 6.25 Concerns River confluence **Fish Tissue Contaminants Concern** 2002 Overall Fish Tissue Contaminant Not Assessed Lower 12.75 miles, downstream from South Fork 12.75 Concerns Trinity River confluence 2002 Overall Fish Tissue Contaminant Upper 6.25 miles, upstream from South Fork Trinity 6.25 Not Assessed Concerns River confluence **Public Water Supply Concern** 2002 Finished Water: Chloride No Concern Lower 12.75 miles, downstream from South Fork 12.75 Trinity River confluence 2002 Finished Water: Chloride No Concern Upper 6.25 miles, upstream from South Fork Trinity 6.25 River confluence 2002 Finished Water: Sulfate No Concern Lower 12.75 miles, downstream from South Fork 12.75 Trinity River confluence 2002 Finished Water: Sulfate Upper 6.25 miles, upstream from South Fork Trinity No Concern 6.25 River confluence 2002 Finished Water: Total Dissolved No Concern Lower 12.75 miles, downstream from South Fork 12.75 Solids Trinity River confluence 2002 Finished Water: Total Dissolved No Concern Upper 6.25 miles, upstream from South Fork Trinity 6.25 Solids River confluence 2002 Finished Water: MTBE No Concern Lower 12.75 miles, downstream from South Fork 12.75 Trinity River confluence 2002 Finished Water: MTBE No Concern Upper 6.25 miles, upstream from South Fork Trinity 6.25 River confluence

Freshwater Stream Trinity River Basin Total size: 19 Miles Status of Use # of Assessment Location # of Year Assessment Method **Support or Concern** Location samples exceedances Mean size **Public Water Supply Concern** (continued) 2002 Finished Water: Perchlorate Not Assessed Lower 12.75 miles, downstream from South Fork 12.75 Trinity River confluence 2002 Finished Water: Perchlorate Upper 6.25 miles, upstream from South Fork Trinity Not Assessed 6.25 River confluence 2002 Finished Water: Overall No Concern Lower 12.75 miles, downstream from South Fork 12.75 Trinity River confluence 2002 Finished Water: Overall Upper 6.25 miles, upstream from South Fork Trinity No Concern 6.25 River confluence 2002 Surface Water: Chloride No Concern Lower 12.75 miles, downstream from South Fork 12.75 27 45.7 Trinity River confluence 2002 Surface Water: Chloride Upper 6.25 miles, upstream from South Fork Trinity 45.7 No Concern 6.25 27 River confluence 2002 Surface Water: Sulfate 44.2 No Concern Lower 12.75 miles, downstream from South Fork 12.75 27 Trinity River confluence 2002 Surface Water: Sulfate No Concern Upper 6.25 miles, upstream from South Fork Trinity 6.25 27 44.2 River confluence 2002 Surface Water: Total Dissolved 439.49 No Concern Lower 12.75 miles, downstream from South Fork 12.75 54 Solids Trinity River confluence 2002 Surface Water: Total Dissolved 439.49 54 No Concern Upper 6.25 miles, upstream from South Fork Trinity 6.25 Solids River confluence 2002 Surface Water: Overall No Concern Lower 12.75 miles, downstream from South Fork 12.75 Trinity River confluence 2002 Surface Water: Overall No Concern Upper 6.25 miles, upstream from South Fork Trinity 6.25 River confluence 2002 Overall Public Water Supply No Concern Lower 12.75 miles, downstream from South Fork 12.75 Concerns Trinity River confluence

Freshwater Stream		Trinity River	Basin Total size:	Total size:		19 Miles	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water S	Supply Concern (continued)						
2002	Overall Public Water Supply Concerns	No Concern	Upper 6.25 miles, upstream from South Fork Trinity River confluence	6.25			
Narrative Crit	eria Concern						
2002	Overall Narrative Criteria Concerns	No Concern	Lower 12.75 miles, downstream from South Fork Trinity River confluence	12.75			
2002	Overall Narrative Criteria Concerns	No Concern	Upper 6.25 miles, upstream from South Fork Trinity River confluence	6.25			
Overall Second	dary Concern			1	1		
2002		Concern	Lower 12.75 miles, downstream from South Fork Trinity River confluence	12.75			
2002		No Concern	Upper 6.25 miles, upstream from South Fork Trinity River confluence	6.25			