Reservo	oir	Trinity River	Basin Total size:		23,280	Acres	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Aquatic Life U	Jse						
2002	Dissolved Oxygen grab average	No Concern	Hickory Creek arm	2,616	31	0	
2002	Dissolved Oxygen grab average	No Concern	Little Elm Creek arm	3,589	10	0	
2002	Dissolved Oxygen grab average	No Concern	Lowermost portion of reservoir	5,736	10	0	
2002	Dissolved Oxygen grab average	No Concern	Middle portion of reservoir east of Lake Dallas	5,851	10	0	
2002	Dissolved Oxygen grab average	Not Assessed	Stewart Creek arm	1,528	5		
2002	Dissolved Oxygen grab minimum	Fully Supporting	Hickory Creek arm	2,616	31	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Little Elm Creek arm	3,589	10	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Lowermost portion of reservoir	5,736	10	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Middle portion of reservoir east of Lake Dallas	5,851	10	0	
2002	Dissolved Oxygen grab minimum	No Concern-Limited Data	Stewart Creek arm	1,528	5	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Hickory Creek arm	2,616	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Little Elm Creek arm	3,589	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Lowermost portion of reservoir	5,736	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Middle portion of reservoir east of Lake Dallas	5,851	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Stewart Creek arm	1,528	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Hickory Creek arm	2,616	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Little Elm Creek arm	3,589	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Lowermost portion of reservoir	5,736	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Middle portion of reservoir east of Lake Dallas	5,851	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Stewart Creek arm	1,528	0		
2002	Acute Metals in water	Not Assessed	Hickory Creek arm	2,616	1		
2002	Chronic Metals in water	Not Assessed	Hickory Creek arm	2,616	1		
2002	Overall Aquatic Life Use	Fully Supporting	Hickory Creek arm	2,616			

Reservo	oir	Trinity River	Basin Total size:		23,280	Acres	
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	Little Elm Creek arm	3,589			
2002	Overall Aquatic Life Use	Fully Supporting	Lowermost portion of reservoir	5,736			
2002	Overall Aquatic Life Use	Fully Supporting	Middle portion of reservoir east of Lake Dallas	5,851			
2002	Overall Aquatic Life Use	Not Assessed	Remainder of reservoir	3,960			
2002	Overall Aquatic Life Use	Not Assessed	Stewart Creek arm	1,528			
Contact Recr	eation Use				•		•
2002	Overall Recreation Use	Not Assessed	Hickory Creek arm	2,616			
2002	Overall Recreation Use	Not Assessed	Little Elm Creek arm	3,589			
2002	Overall Recreation Use	Not Assessed	Lowermost portion of reservoir	5,736			
2002	Overall Recreation Use	Not Assessed	Middle portion of reservoir east of Lake Dallas	5,851			
2002	Overall Recreation Use	Not Assessed	Remainder of reservoir	3,960			
2002	Overall Recreation Use	Not Assessed	Stewart Creek arm	1,528			
General Use	1	,		1			
2002	Water Temperature	Fully Supporting	Hickory Creek arm	2,616	31	0	
2002	Water Temperature	Fully Supporting	Little Elm Creek arm	3,589	10	0	
2002	Water Temperature	Fully Supporting	Lowermost portion of reservoir	5,736	10	0	
2002	Water Temperature	Fully Supporting	Middle portion of reservoir east of Lake Dallas	5,851	10	0	
2002	Water Temperature	No Concern-Limited Data	Stewart Creek arm	1,528	5	0	
2002	рН	Fully Supporting	Hickory Creek arm	2,616	31	0	
2002	pH	Fully Supporting	Little Elm Creek arm	3,589	10	0	
2002	pН	Fully Supporting	Lowermost portion of reservoir	5,736	10	0	
2002	pН	Fully Supporting	Middle portion of reservoir east of Lake Dallas	5,851	10	0	
2002	pH	No Concern-Limited Data	Stewart Creek arm	1,528	5	0	

Reservoir Trinity River Basin Total size: 23.280 Acres Status of Use # of # of Assessment Location Year Assessment Method **Support or Concern** Location samples exceedances Mean size **General Use** (continued) 2002 Chloride **Fully Supporting** 22.5 Hickory Creek arm 2,616 40 2002 Chloride **Fully Supporting** Little Elm Creek arm 3,589 40 22.5 2002 Chloride 22.5 Fully Supporting Lowermost portion of reservoir 5.736 40 2002 Chloride 22.5 Fully Supporting Middle portion of reservoir east of Lake Dallas 5.851 40 2002 Chloride 22.5 Fully Supporting Remainder of reservoir 3,960 40 2002 22.5 Chloride **Fully Supporting** Stewart Creek arm 1.528 40 2002 Sulfate 33.9 Fully Supporting Hickory Creek arm 2,616 15 2002 Sulfate 33.9 15 Fully Supporting Little Elm Creek arm 3,589 2002 Sulfate 33.9 Fully Supporting Lowermost portion of reservoir 5,736 15 2002 Sulfate 33.9 Fully Supporting Middle portion of reservoir east of Lake Dallas 5.851 15 2002 Sulfate 33.9 Fully Supporting Remainder of reservoir 3,960 15 2002 Sulfate 33.9 15 Fully Supporting Stewart Creek arm 1.528 2002 Total Dissolved Solids **Fully Supporting** 218.65 Hickory Creek arm 2,616 66 2002 Total Dissolved Solids Little Elm Creek arm 218.65 Fully Supporting 3,589 66 2002 Total Dissolved Solids 218.65 Fully Supporting Lowermost portion of reservoir 5,736 66 2002 218.65 **Total Dissolved Solids** Fully Supporting Middle portion of reservoir east of Lake Dallas 5.851 66 2002 218.65 **Total Dissolved Solids Fully Supporting** Remainder of reservoir 3,960 66 2002 Total Dissolved Solids Fully Supporting Stewart Creek arm 1.528 66 218.65 2002 Overall General Use **Fully Supporting** Hickory Creek arm 2,616 2002 Overall General Use **Fully Supporting** Little Elm Creek arm 3,589 2002 Overall General Use **Fully Supporting** Lowermost portion of reservoir 5.736 2002 Overall General Use **Fully Supporting** Middle portion of reservoir east of Lake Dallas 5.851 2002 Overall General Use **Fully Supporting** Remainder of reservoir 3,960 2002 Overall General Use Fully Supporting Stewart Creek arm 1.528

Reservo	oir	Trinity River	Basin Total size:		23,280	Acres	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Fish Consump	tion Use						
2002	Human Health Criteria Metals	Not Assessed	Hickory Creek arm	2,616	1		
2002	Human Health Criteria Organics	Fully Supporting	Hickory Creek arm	2,616	24		
2002	Overall Fish Consumption Use	Fully Supporting	Hickory Creek arm	2,616			
2002	Overall Fish Consumption Use	Not Assessed	Little Elm Creek arm	3,589			
2002	Overall Fish Consumption Use	Not Assessed	Lowermost portion of reservoir	5,736			
2002	Overall Fish Consumption Use	Not Assessed	Middle portion of reservoir east of Lake Dallas	5,851			
2002	Overall Fish Consumption Use	Not Assessed	Remainder of reservoir	3,960			
2002	Overall Fish Consumption Use	Not Assessed	Stewart Creek arm	1,528			
Public Water S	Supply Use						
2002	Finished Water: Running Avg	Fully Supporting	Hickory Creek arm	2,616			
2002	Finished Water: Running Avg	Fully Supporting	Little Elm Creek arm	3,589			
2002	Finished Water: Running Avg	Fully Supporting	Lowermost portion of reservoir	5,736			
2002	Finished Water: Running Avg	Fully Supporting	Middle portion of reservoir east of Lake Dallas	5,851			
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Hickory Creek arm	2,616	25		0.19
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Little Elm Creek arm	3,589	10		0.34
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	Lowermost portion of reservoir	5,736	5		0.28
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	Middle portion of reservoir east of Lake Dallas	5,851	9		0.17
2002	Overall Public Water Supply Use	Fully Supporting	Hickory Creek arm	2,616			
2002	Overall Public Water Supply Use	Fully Supporting	Little Elm Creek arm	3,589			
2002	Overall Public Water Supply Use	Fully Supporting	Lowermost portion of reservoir	5,736			
2002	Overall Public Water Supply Use	Fully Supporting	Middle portion of reservoir east of Lake Dallas	5,851			

Reserve	•	Trinity River			23,280	Acres	
reserve			Fund Size.	1	23,200		
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water S	Supply Use (continued)						
2002	Overall Public Water Supply Use	Fully Supporting	Remainder of reservoir	3,960			
2002	Overall Public Water Supply Use	Fully Supporting	Stewart Creek arm	1,528			
Overall Use Su	ıpport						
2002		Fully Supporting	Hickory Creek arm	2,616			
2002		Fully Supporting	Little Elm Creek arm	3,589			
2002		Fully Supporting	Lowermost portion of reservoir	5,736			
2002		Fully Supporting	Middle portion of reservoir east of Lake Dallas	5,851			
2002		Fully Supporting	Remainder of reservoir	3,960			
2002		Fully Supporting	Stewart Creek arm	1,528			
Nutrient Enric	hment Concern						
2002	Ammonia Nitrogen	Concern	Hickory Creek arm	2,616	25	11	
2002	Ammonia Nitrogen	No Concern	Little Elm Creek arm	3,589	10	2	
2002	Ammonia Nitrogen	Not Assessed	Lowermost portion of reservoir	5,736	5		
2002	Ammonia Nitrogen	Not Assessed	Middle portion of reservoir east of Lake Dallas	5,851	9		
2002	Nitrite + Nitrate Nitrogen	No Concern	Hickory Creek arm	2,616	25	5	
2002	Nitrite + Nitrate Nitrogen	Concern	Little Elm Creek arm	3,589	10	4	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Lowermost portion of reservoir	5,736	5		
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Middle portion of reservoir east of Lake Dallas	5,851	9		
2002	Orthophosphorus	No Concern	Hickory Creek arm	2,616	25	3	
2002	Orthophosphorus	No Concern	Little Elm Creek arm	3,589	10	0	
2002	Orthophosphorus	Not Assessed	Lowermost portion of reservoir	5,736	5		
2002	Orthophosphorus	Not Assessed	Middle portion of reservoir east of Lake Dallas	5,851	9		
2002	Total Phosphorus	No Concern	Hickory Creek arm	2,616	25	1	

Reserve	oir	Trinity River	Basin Total size:		23,280	Acres	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mea
trient Enric	chment Concern (continued)						
2002	Total Phosphorus	Not Assessed	Little Elm Creek arm	3,589	0		
2002	Total Phosphorus	Not Assessed	Lowermost portion of reservoir	5,736	0		
2002	Total Phosphorus	Not Assessed	Middle portion of reservoir east of Lake Dallas	5,851	0		
2002	Overall Nutrient Enrichment Concerns	Concern	Hickory Creek arm	2,616			
2002	Overall Nutrient Enrichment Concerns	Concern	Little Elm Creek arm	3,589			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Lowermost portion of reservoir	5,736			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Middle portion of reservoir east of Lake Dallas	5,851			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Remainder of reservoir	3,960			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Stewart Creek arm	1,528			
al Growth	Concern			1		1	
2002	Chlorophyll a	No Concern	Hickory Creek arm	2,616	10	2	
2002	Chlorophyll a	Not Assessed	Little Elm Creek arm	3,589	0		
2002	Chlorophyll a	Not Assessed	Lowermost portion of reservoir	5,736	0		
2002	Chlorophyll a	Not Assessed	Middle portion of reservoir east of Lake Dallas	5,851	0		
2002	Chlorophyll a	Not Assessed	Remainder of reservoir	3,960			
2002	Chlorophyll a	Not Assessed	Stewart Creek arm	1,528			
iment Con	taminants Concern						
2002	Overall Sediment Contaminant Concerns	Not Assessed	Hickory Creek arm	2,616			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Little Elm Creek arm	3,589			

Reservo	oir	Trinity River	Basin Total size:		23,280	Acres	
ssessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mea
ment Con	taminants Concern (continue	d)					
2002	Overall Sediment Contaminant Concerns	Not Assessed	Lowermost portion of reservoir	5,736			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Middle portion of reservoir east of Lake Dallas	5,851			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Remainder of reservoir	3,960			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Stewart Creek arm	1,528			
Tissue Co	ontaminants Concern						
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Hickory Creek arm	2,616			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Little Elm Creek arm	3,589			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lowermost portion of reservoir	5,736			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Middle portion of reservoir east of Lake Dallas	5,851			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Remainder of reservoir	3,960			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Stewart Creek arm	1,528			
ic Water S	Supply Concern						
2002	Finished Water: Chloride	No Concern	Hickory Creek arm	2,616			
2002	Finished Water: Chloride	No Concern	Little Elm Creek arm	3,589			
2002	Finished Water: Chloride	No Concern	Lowermost portion of reservoir	5,736			
2002	Finished Water: Chloride	No Concern	Middle portion of reservoir east of Lake Dallas	5,851			
2002	Finished Water: Chloride	No Concern	Remainder of reservoir	3,960			
2002	Finished Water: Chloride	No Concern	Stewart Creek arm	1,528			

Reservo	oir	Trinity River	Basin Total size:		23,280	Acres	
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	Finished Water: Sulfate	No Concern	Hickory Creek arm	2,616			
2002	Finished Water: Sulfate	No Concern	Little Elm Creek arm	3,589			
2002	Finished Water: Sulfate	No Concern	Lowermost portion of reservoir	5,736			
2002	Finished Water: Sulfate	No Concern	Middle portion of reservoir east of Lake Dallas	5,851			
2002	Finished Water: Sulfate	No Concern	Remainder of reservoir	3,960			
2002	Finished Water: Sulfate	No Concern	Stewart Creek arm	1,528			
2002	Finished Water: Total Dissolved Solids	No Concern	Hickory Creek arm	2,616			
2002	Finished Water: Total Dissolved Solids	No Concern	Little Elm Creek arm	3,589			
2002	Finished Water: Total Dissolved Solids	No Concern	Lowermost portion of reservoir	5,736			
2002	Finished Water: Total Dissolved Solids	No Concern	Middle portion of reservoir east of Lake Dallas	5,851			
2002	Finished Water: Total Dissolved Solids	No Concern	Remainder of reservoir	3,960			
2002	Finished Water: Total Dissolved Solids	No Concern	Stewart Creek arm	1,528			
2002	Finished Water: MTBE	No Concern	Hickory Creek arm	2,616			
2002	Finished Water: MTBE	No Concern	Little Elm Creek arm	3,589			
2002	Finished Water: MTBE	No Concern	Lowermost portion of reservoir	5,736			
2002	Finished Water: MTBE	No Concern	Middle portion of reservoir east of Lake Dallas	5,851			
2002	Finished Water: MTBE	No Concern	Remainder of reservoir	3,960			
2002	Finished Water: MTBE	No Concern	Stewart Creek arm	1,528			
2002	Finished Water: Perchlorate	Not Assessed	Hickory Creek arm	2,616			
2002	Finished Water: Perchlorate	Not Assessed	Little Elm Creek arm	3,589			
2002	Finished Water: Perchlorate	Not Assessed	Lowermost portion of reservoir	5,736			

Reservo	oir	Trinity River	Basin Total size:		23,280	Acres	
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	Finished Water: Perchlorate	Not Assessed	Middle portion of reservoir east of Lake Dallas	5,851			
2002	Finished Water: Perchlorate	Not Assessed	Remainder of reservoir	3,960			
2002	Finished Water: Perchlorate	Not Assessed	Stewart Creek arm	1,528			
2002	Finished Water: Overall	No Concern	Hickory Creek arm	2,616			
2002	Finished Water: Overall	No Concern	Little Elm Creek arm	3,589			
2002	Finished Water: Overall	No Concern	Lowermost portion of reservoir	5,736			
2002	Finished Water: Overall	No Concern	Middle portion of reservoir east of Lake Dallas	5,851			
2002	Finished Water: Overall	No Concern	Remainder of reservoir	3,960			
2002	Finished Water: Overall	No Concern	Stewart Creek arm	1,528			
2002	Surface Water: Chloride	No Concern	Hickory Creek arm	2,616	40		22.5
2002	Surface Water: Chloride	No Concern	Little Elm Creek arm	3,589	40		22.5
2002	Surface Water: Chloride	No Concern	Lowermost portion of reservoir	5,736	40		22.5
2002	Surface Water: Chloride	No Concern	Middle portion of reservoir east of Lake Dallas	5,851	40		22.5
2002	Surface Water: Chloride	No Concern	Remainder of reservoir	3,960	40		22.5
2002	Surface Water: Chloride	No Concern	Stewart Creek arm	1,528	40		22.5
2002	Surface Water: Sulfate	No Concern	Hickory Creek arm	2,616	15		33.9
2002	Surface Water: Sulfate	No Concern	Little Elm Creek arm	3,589	15		33.9
2002	Surface Water: Sulfate	No Concern	Lowermost portion of reservoir	5,736	15		33.9
2002	Surface Water: Sulfate	No Concern	Middle portion of reservoir east of Lake Dallas	5,851	15		33.9
2002	Surface Water: Sulfate	No Concern	Remainder of reservoir	3,960	15		33.9
2002	Surface Water: Sulfate	No Concern	Stewart Creek arm	1,528	15		33.9
2002	Surface Water: Total Dissolved Solids	No Concern	Hickory Creek arm	2,616	66		218.65
2002	Surface Water: Total Dissolved Solids	No Concern	Little Elm Creek arm	3,589	66		218.65

Reservo	oir	Trinity River	Basin Total size:		23,280	Acres	
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	Surface Water: Total Dissolved Solids	No Concern	Lowermost portion of reservoir	5,736	66		218.65
2002	Surface Water: Total Dissolved Solids	No Concern	Middle portion of reservoir east of Lake Dallas	5,851	66		218.65
2002	Surface Water: Total Dissolved Solids	No Concern	Remainder of reservoir	3,960	66		218.65
2002	Surface Water: Total Dissolved Solids	No Concern	Stewart Creek arm	1,528	66		218.65
2002	Surface Water: Overall	No Concern	Hickory Creek arm	2,616			
2002	Surface Water: Overall	No Concern	Little Elm Creek arm	3,589			
2002	Surface Water: Overall	No Concern	Lowermost portion of reservoir	5,736			
2002	Surface Water: Overall	No Concern	Middle portion of reservoir east of Lake Dallas	5,851			
2002	Surface Water: Overall	No Concern	Remainder of reservoir	3,960			
2002	Surface Water: Overall	No Concern	Stewart Creek arm	1,528			
2002	Overall Public Water Supply Concerns	No Concern	Hickory Creek arm	2,616			
2002	Overall Public Water Supply Concerns	No Concern	Little Elm Creek arm	3,589			
2002	Overall Public Water Supply Concerns	No Concern	Lowermost portion of reservoir	5,736			
2002	Overall Public Water Supply Concerns	No Concern	Middle portion of reservoir east of Lake Dallas	5,851			
2002	Overall Public Water Supply Concerns	No Concern	Remainder of reservoir	3,960			
2002	Overall Public Water Supply Concerns	No Concern	Stewart Creek arm	1,528			

Reservo	oir	Trinity River	Basin Total size:		23,280	Acres	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
rrative Crit	teria Concern						
2002	Overall Narrative Criteria Concerns	No Concern	Hickory Creek arm	2,616			
2002	Overall Narrative Criteria Concerns	No Concern	Little Elm Creek arm	3,589			
2002	Overall Narrative Criteria Concerns	No Concern	Lowermost portion of reservoir	5,736			
2002	Overall Narrative Criteria Concerns	No Concern	Middle portion of reservoir east of Lake Dallas	5,851			
2002	Overall Narrative Criteria Concerns	No Concern	Remainder of reservoir	3,960			
2002	Overall Narrative Criteria Concerns	No Concern	Stewart Creek arm	1,528			
erall Secon	dary Concern		<u> </u>				<u> </u>
2002		Concern	Hickory Creek arm	2,616			
2002		Concern	Little Elm Creek arm	3,589			
2002		No Concern	Lowermost portion of reservoir	5,736			
2002		No Concern	Middle portion of reservoir east of Lake Dallas	5,851			
2002		No Concern	Remainder of reservoir	3,960			
2002		No Concern	Stewart Creek arm	1,528			