

Segment ID: 0838 Water body name: Joe Pool Lake

Reservoir Trinity River Basin Total size: 7,470 Acres

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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**Aquatic Life Use**

2002	Dissolved Oxygen grab average	No Concern	Lowermost portion of reservoir adjacent to the dam	2,823	17	0	
2002	Dissolved Oxygen grab average	No Concern	Mountain Creek arm	2,591	26	1	
2002	Dissolved Oxygen grab average	No Concern	Walnut Creek arm	2,056	17	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Lowermost portion of reservoir adjacent to the dam	2,823	17	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Mountain Creek arm	2,591	26	1	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Walnut Creek arm	2,056	17	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Lowermost portion of reservoir adjacent to the dam	2,823	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Mountain Creek arm	2,591	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Walnut Creek arm	2,056	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Lowermost portion of reservoir adjacent to the dam	2,823	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Mountain Creek arm	2,591	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Walnut Creek arm	2,056	0		
2002	Overall Aquatic Life Use	Fully Supporting	Lowermost portion of reservoir adjacent to the dam	2,823			
2002	Overall Aquatic Life Use	Fully Supporting	Mountain Creek arm	2,591			
2002	Overall Aquatic Life Use	Fully Supporting	Walnut Creek arm	2,056			

**Contact Recreation Use**

2002	E. coli single sample	Not Assessed	Lowermost portion of reservoir adjacent to the dam	2,823	0		
2002	E. coli single sample	Not Assessed	Mountain Creek arm	2,591	0		
2002	E. coli single sample	Not Assessed	Walnut Creek arm	2,056	0		
2002	E. coli geometric mean	Not Assessed	Lowermost portion of reservoir adjacent to the dam	2,823	0		
2002	E. coli geometric mean	Not Assessed	Mountain Creek arm	2,591	0		
2002	E. coli geometric mean	Not Assessed	Walnut Creek arm	2,056	0		
2002	Fecal coliform single sample	Not Assessed	Lowermost portion of reservoir adjacent to the dam	2,823	3		

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**Contact Recreation Use** (continued)

2002	Fecal coliform single sample	Not Assessed	Mountain Creek arm	2,591	3		
2002	Fecal coliform single sample	Not Assessed	Walnut Creek arm	2,056	3		
2002	Fecal coliform geometric mean	Not Assessed	Lowermost portion of reservoir adjacent to the dam	2,823	3		
2002	Fecal coliform geometric mean	Not Assessed	Mountain Creek arm	2,591	3		
2002	Fecal coliform geometric mean	Not Assessed	Walnut Creek arm	2,056	3		
2002	Overall Recreation Use	Not Assessed	Lowermost portion of reservoir adjacent to the dam	2,823			
2002	Overall Recreation Use	Not Assessed	Mountain Creek arm	2,591			
2002	Overall Recreation Use	Not Assessed	Walnut Creek arm	2,056			

**General Use**

2002	Water Temperature	Fully Supporting	Lowermost portion of reservoir adjacent to the dam	2,823	17	0	
2002	Water Temperature	Fully Supporting	Mountain Creek arm	2,591	27	0	
2002	Water Temperature	Fully Supporting	Walnut Creek arm	2,056	17	0	
2002	pH	Fully Supporting	Lowermost portion of reservoir adjacent to the dam	2,823	17	0	
2002	pH	Fully Supporting	Mountain Creek arm	2,591	25	0	
2002	pH	Fully Supporting	Walnut Creek arm	2,056	17	0	
2002	Chloride	No Concern-Limited Data	Lowermost portion of reservoir adjacent to the dam	2,823	9		23.3
2002	Chloride	No Concern-Limited Data	Mountain Creek arm	2,591	9		23.3
2002	Chloride	No Concern-Limited Data	Walnut Creek arm	2,056	9		23.3
2002	Sulfate	Fully Supporting	Lowermost portion of reservoir adjacent to the dam	2,823	44		103
2002	Sulfate	Fully Supporting	Mountain Creek arm	2,591	44		103
2002	Sulfate	Fully Supporting	Walnut Creek arm	2,056	44		103

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**General Use** (continued)

2002	Total Dissolved Solids	Fully Supporting	Lowermost portion of reservoir adjacent to the dam	2,823	62		331.49
2002	Total Dissolved Solids	Fully Supporting	Mountain Creek arm	2,591	62		331.49
2002	Total Dissolved Solids	Fully Supporting	Walnut Creek arm	2,056	62		331.49
2002	Overall General Use	Fully Supporting	Lowermost portion of reservoir adjacent to the dam	2,823			
2002	Overall General Use	Fully Supporting	Mountain Creek arm	2,591			
2002	Overall General Use	Fully Supporting	Walnut Creek arm	2,056			

**Fish Consumption Use**

2002	Human Health Criteria Atrazine	Fully Supporting	Lowermost portion of reservoir adjacent to the dam	2,823	10		0.61
2002	Human Health Criteria Atrazine	Fully Supporting	Mountain Creek arm	2,591	10		0.51
2002	Human Health Criteria Atrazine	Fully Supporting	Walnut Creek arm	2,056	10		0.59
2002	Human Health Criteria Simazine	Not Assessed	Lowermost portion of reservoir adjacent to the dam	2,823	3		0.25
2002	Human Health Criteria Simazine	Not Assessed	Mountain Creek arm	2,591	3		0.25
2002	Human Health Criteria Simazine	Not Assessed	Walnut Creek arm	2,056	3		0.25
2002	Overall Fish Consumption Use	Fully Supporting	Lowermost portion of reservoir adjacent to the dam	2,823			
2002	Overall Fish Consumption Use	Fully Supporting	Mountain Creek arm	2,591			
2002	Overall Fish Consumption Use	Fully Supporting	Walnut Creek arm	2,056			

**Public Water Supply Use**

2002	Finished Water: Running Avg	Fully Supporting	Lowermost portion of reservoir adjacent to the dam	2,823			
2002	Finished Water: Running Avg	Fully Supporting	Mountain Creek arm	2,591			
2002	Finished Water: Running Avg	Fully Supporting	Walnut Creek arm	2,056			
2002	Finished Water: MCLs Threatened Atrazine	Threatened	Lowermost portion of reservoir adjacent to the dam	2,823	22	4	
2002	Finished Water: MCLs Threatened Atrazine	Threatened	Mountain Creek arm	2,591	22	4	

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**Public Water Supply Use** (continued)

2002	Finished Water: MCLs Threatened Atrazine	Threatened	Walnut Creek arm	2,056	22	4	
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	Lowermost portion of reservoir adjacent to the dam	2,823	8		0.29
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	Mountain Creek arm	2,591	8		0.1
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	Walnut Creek arm	2,056	8		0.09
2002	Overall Public Water Supply Use	Fully Supporting	Lowermost portion of reservoir adjacent to the dam	2,823			
2002	Overall Public Water Supply Use	Fully Supporting	Mountain Creek arm	2,591			
2002	Overall Public Water Supply Use	Fully Supporting	Walnut Creek arm	2,056			

**Overall Use Support**

2002		Fully Supporting	Lowermost portion of reservoir adjacent to the dam	2,823			
2002		Fully Supporting	Mountain Creek arm	2,591			
2002		Fully Supporting	Walnut Creek arm	2,056			

**Nutrient Enrichment Concern**

2002	Ammonia Nitrogen	Not Assessed	Lowermost portion of reservoir adjacent to the dam	2,823	8		
2002	Ammonia Nitrogen	Not Assessed	Mountain Creek arm	2,591	8		
2002	Ammonia Nitrogen	Not Assessed	Walnut Creek arm	2,056	8		
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Lowermost portion of reservoir adjacent to the dam	2,823	8		
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Mountain Creek arm	2,591	8		
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Walnut Creek arm	2,056	8		
2002	Orthophosphorus	Not Assessed	Lowermost portion of reservoir adjacent to the dam	2,823	8		
2002	Orthophosphorus	Not Assessed	Mountain Creek arm	2,591	8		

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**Nutrient Enrichment Concern** (continued)

2002	Orthophosphorus	Not Assessed	Walnut Creek arm	2,056	8		
2002	Total Phosphorus	Not Assessed	Lowermost portion of reservoir adjacent to the dam	2,823	7		
2002	Total Phosphorus	Not Assessed	Mountain Creek arm	2,591	6		
2002	Total Phosphorus	Not Assessed	Walnut Creek arm	2,056	7		
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Lowermost portion of reservoir adjacent to the dam	2,823			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Mountain Creek arm	2,591			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Walnut Creek arm	2,056			

**Algal Growth Concern**

2002	Chlorophyll a	Not Assessed	Lowermost portion of reservoir adjacent to the dam	2,823	3		
2002	Chlorophyll a	Not Assessed	Mountain Creek arm	2,591	3		
2002	Chlorophyll a	Not Assessed	Walnut Creek arm	2,056	3		

**Sediment Contaminants Concern**

2002	Overall Sediment Contaminant Concerns	Not Assessed	Lowermost portion of reservoir adjacent to the dam	2,823			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Mountain Creek arm	2,591			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Walnut Creek arm	2,056			

**Fish Tissue Contaminants Concern**

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lowermost portion of reservoir adjacent to the dam	2,823			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Mountain Creek arm	2,591			

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**Fish Tissue Contaminants Concern** (continued)

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Walnut Creek arm	2,056			
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**Public Water Supply Concern**

2002	Finished Water: Chloride	No Concern	Lowermost portion of reservoir adjacent to the dam	2,823			
2002	Finished Water: Chloride	No Concern	Mountain Creek arm	2,591			
2002	Finished Water: Chloride	No Concern	Walnut Creek arm	2,056			
2002	Finished Water: Sulfate	No Concern	Lowermost portion of reservoir adjacent to the dam	2,823			
2002	Finished Water: Sulfate	No Concern	Mountain Creek arm	2,591			
2002	Finished Water: Sulfate	No Concern	Walnut Creek arm	2,056			
2002	Finished Water: Total Dissolved Solids	No Concern	Lowermost portion of reservoir adjacent to the dam	2,823			
2002	Finished Water: Total Dissolved Solids	No Concern	Mountain Creek arm	2,591			
2002	Finished Water: Total Dissolved Solids	No Concern	Walnut Creek arm	2,056			
2002	Finished Water: MTBE	No Concern	Lowermost portion of reservoir adjacent to the dam	2,823			
2002	Finished Water: MTBE	No Concern	Mountain Creek arm	2,591			
2002	Finished Water: MTBE	No Concern	Walnut Creek arm	2,056			
2002	Finished Water: Perchlorate	Not Assessed	Lowermost portion of reservoir adjacent to the dam	2,823			
2002	Finished Water: Perchlorate	Not Assessed	Mountain Creek arm	2,591			
2002	Finished Water: Perchlorate	Not Assessed	Walnut Creek arm	2,056			
2002	Finished Water: Overall	No Concern	Lowermost portion of reservoir adjacent to the dam	2,823			
2002	Finished Water: Overall	No Concern	Mountain Creek arm	2,591			
2002	Finished Water: Overall	No Concern	Walnut Creek arm	2,056			



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**Narrative Criteria Concern** (continued)

2002	Overall Narrative Criteria Concerns	No Concern	Walnut Creek arm	2,056			
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**Overall Secondary Concern**

2002		No Concern	Lowermost portion of reservoir adjacent to the dam	2,823			
2002		No Concern	Mountain Creek arm	2,591			
2002		No Concern	Walnut Creek arm	2,056			