

Segment ID: 1418 Water body name: Lake Brownwood

Reservoir Colorado River Basin Total size: 7,290 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	Not Assessed	Mid-lake near dam	2,430	4	0	
2002	Dissolved Oxygen grab average	Not Assessed	North arm of lake	2,430	3	0	
2002	Dissolved Oxygen grab average	Not Assessed	West arm of lake	2,430	3	0	
2002	Dissolved Oxygen grab minimum	No Concern-Limited Data	Mid-lake near dam	2,430	4	0	
2002	Dissolved Oxygen grab minimum	Not Assessed	North arm of lake	2,430	3	0	
2002	Dissolved Oxygen grab minimum	Not Assessed	West arm of lake	2,430	3	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Mid-lake near dam	2,430	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	North arm of lake	2,430	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	West arm of lake	2,430	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Mid-lake near dam	2,430	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	North arm of lake	2,430	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	West arm of lake	2,430	0		
2002	Acute Metals in water	Not Assessed	Mid-lake near dam	2,430	3		
2002	Acute Metals in water	Not Assessed	North arm of lake	2,430	3		
2002	Acute Metals in water	Not Assessed	West arm of lake	2,430	3		
2002	Chronic Metals in water	Not Assessed	Mid-lake near dam	2,430	3		
2002	Chronic Metals in water	Not Assessed	North arm of lake	2,430	3		
2002	Chronic Metals in water	Not Assessed	West arm of lake	2,430	3		
2002	Overall Aquatic Life Use	Not Assessed	Mid-lake near dam	2,430			
2002	Overall Aquatic Life Use	Not Assessed	North arm of lake	2,430			
2002	Overall Aquatic Life Use	Not Assessed	West arm of lake	2,430			

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Contact Recreation Use

2002	E. coli single sample	Not Assessed	Mid-lake near dam	2,430	0		
2002	E. coli single sample	Not Assessed	North arm of lake	2,430	0		
2002	E. coli single sample	Not Assessed	West arm of lake	2,430	0		
2002	E. coli geometric mean	Not Assessed	Mid-lake near dam	2,430	0		
2002	E. coli geometric mean	Not Assessed	North arm of lake	2,430	0		
2002	E. coli geometric mean	Not Assessed	West arm of lake	2,430	0		
2002	Fecal coliform single sample	Not Assessed	Mid-lake near dam	2,430	3		
2002	Fecal coliform single sample	Not Assessed	North arm of lake	2,430	3		
2002	Fecal coliform single sample	Not Assessed	West arm of lake	2,430	3		
2002	Fecal coliform geometric mean	Not Assessed	Mid-lake near dam	2,430	3		
2002	Fecal coliform geometric mean	Not Assessed	North arm of lake	2,430	3		
2002	Fecal coliform geometric mean	Not Assessed	West arm of lake	2,430	3		
2002	Overall Recreation Use	Not Assessed	Mid-lake near dam	2,430			
2002	Overall Recreation Use	Not Assessed	North arm of lake	2,430			
2002	Overall Recreation Use	Not Assessed	West arm of lake	2,430			

General Use

2002	Water Temperature	No Concern-Limited Data	Mid-lake near dam	2,430	4	0	
2002	Water Temperature	Not Assessed	North arm of lake	2,430	3	0	
2002	Water Temperature	Not Assessed	West arm of lake	2,430	3	0	
2002	pH	No Concern-Limited Data	Mid-lake near dam	2,430	4	0	
2002	pH	Not Assessed	North arm of lake	2,430	3	0	

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General Use (continued)

2002	pH	Not Assessed	West arm of lake	2,430	3	0	
2002	Chloride	Fully Supporting	Mid-lake near dam	2,430	25		72
2002	Chloride	Fully Supporting	North arm of lake	2,430	25		72
2002	Chloride	Fully Supporting	West arm of lake	2,430	25		72
2002	Sulfate	Fully Supporting	Mid-lake near dam	2,430	25		55
2002	Sulfate	Fully Supporting	North arm of lake	2,430	25		55
2002	Sulfate	Fully Supporting	West arm of lake	2,430	25		55
2002	Total Dissolved Solids	Fully Supporting	Mid-lake near dam	2,430	25		399.5
2002	Total Dissolved Solids	Fully Supporting	North arm of lake	2,430	25		399.5
2002	Total Dissolved Solids	Fully Supporting	West arm of lake	2,430	25		399.5
2002	Overall General Use	Fully Supporting	Mid-lake near dam	2,430			
2002	Overall General Use	Fully Supporting	North arm of lake	2,430			
2002	Overall General Use	Fully Supporting	West arm of lake	2,430			

Fish Consumption Use

2002	Human Health Criteria	Not Assessed	Mid-lake near dam	2,430	3		
2002	Human Health Criteria	Not Assessed	North arm of lake	2,430	3		
2002	Human Health Criteria	Not Assessed	West arm of lake	2,430	3		
2002	Overall Fish Consumption Use	Not Assessed	Mid-lake near dam	2,430			
2002	Overall Fish Consumption Use	Not Assessed	North arm of lake	2,430			
2002	Overall Fish Consumption Use	Not Assessed	West arm of lake	2,430			

Public Water Supply Use

2002	Overall Public Water Supply Use	Fully Supporting	Mid-lake near dam	2,430			
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Public Water Supply Use (continued)

2002	Overall Public Water Supply Use	Fully Supporting	North arm of lake	2,430				
2002	Overall Public Water Supply Use	Fully Supporting	West arm of lake	2,430				

Overall Use Support

2002		Fully Supporting	Mid-lake near dam	2,430				
2002		Fully Supporting	North arm of lake	2,430				
2002		Fully Supporting	West arm of lake	2,430				

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	Not Assessed	Mid-lake near dam	2,430	9	0		
2002	Ammonia Nitrogen	Not Assessed	North arm of lake	2,430	8	0		
2002	Ammonia Nitrogen	Not Assessed	West arm of lake	2,430	8	0		
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Mid-lake near dam	2,430	9	0		
2002	Nitrite + Nitrate Nitrogen	Not Assessed	North arm of lake	2,430	8	0		
2002	Nitrite + Nitrate Nitrogen	Not Assessed	West arm of lake	2,430	8	0		
2002	Orthophosphorus	Not Assessed	Mid-lake near dam	2,430	9	0		
2002	Orthophosphorus	Not Assessed	North arm of lake	2,430	8	0		
2002	Orthophosphorus	Not Assessed	West arm of lake	2,430	8	0		
2002	Total Phosphorus	Not Assessed	Mid-lake near dam	2,430	9	1		
2002	Total Phosphorus	Not Assessed	North arm of lake	2,430	8	0		
2002	Total Phosphorus	Not Assessed	West arm of lake	2,430	8	0		
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Mid-lake near dam	2,430				
2002	Overall Nutrient Enrichment Concerns	Not Assessed	North arm of lake	2,430				

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Nutrient Enrichment Concern (continued)

2002	Overall Nutrient Enrichment Concerns	Not Assessed	West arm of lake	2,430			
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Algal Growth Concern

2002	Chlorophyll a	Not Assessed	Mid-lake near dam	2,430	9	0	
2002	Chlorophyll a	Not Assessed	North arm of lake	2,430	8	0	
2002	Chlorophyll a	Not Assessed	West arm of lake	2,430	8	0	

Sediment Contaminants Concern

2002	Metals in sediment	Not Assessed	Mid-lake near dam	2,430	4		
2002	Metals in sediment	Not Assessed	North arm of lake	2,430	4		
2002	Metals in sediment	Not Assessed	West arm of lake	2,430	4		
2002	Overall Sediment Contaminant Concerns	Not Assessed	Mid-lake near dam	2,430			
2002	Overall Sediment Contaminant Concerns	Not Assessed	North arm of lake	2,430			
2002	Overall Sediment Contaminant Concerns	Not Assessed	West arm of lake	2,430			

Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Mid-lake near dam	2,430			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	North arm of lake	2,430			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	West arm of lake	2,430			

Public Water Supply Concern

2002	Finished Water: Chloride	No Concern	Mid-lake near dam	2,430			
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Public Water Supply Concern (continued)							
2002	Finished Water: Chloride	No Concern	North arm of lake	2,430			
2002	Finished Water: Chloride	No Concern	West arm of lake	2,430			
2002	Finished Water: Sulfate	No Concern	Mid-lake near dam	2,430			
2002	Finished Water: Sulfate	No Concern	North arm of lake	2,430			
2002	Finished Water: Sulfate	No Concern	West arm of lake	2,430			
2002	Finished Water: Total Dissolved Solids	No Concern	Mid-lake near dam	2,430			
2002	Finished Water: Total Dissolved Solids	No Concern	North arm of lake	2,430			
2002	Finished Water: Total Dissolved Solids	No Concern	West arm of lake	2,430			
2002	Finished Water: MTBE	No Concern	Mid-lake near dam	2,430			
2002	Finished Water: MTBE	No Concern	North arm of lake	2,430			
2002	Finished Water: MTBE	No Concern	West arm of lake	2,430			
2002	Finished Water: Perchlorate	Not Assessed	Mid-lake near dam	2,430			
2002	Finished Water: Perchlorate	Not Assessed	North arm of lake	2,430			
2002	Finished Water: Perchlorate	Not Assessed	West arm of lake	2,430			
2002	Finished Water: Overall	No Concern	Mid-lake near dam	2,430			
2002	Finished Water: Overall	No Concern	North arm of lake	2,430			
2002	Finished Water: Overall	No Concern	West arm of lake	2,430			
2002	Surface Water: Chloride	No Concern	Mid-lake near dam	2,430	25		72
2002	Surface Water: Chloride	No Concern	North arm of lake	2,430	25		72
2002	Surface Water: Chloride	No Concern	West arm of lake	2,430	25		72

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Public Water Supply Concern (continued)

2002	Surface Water: Sulfate	No Concern	Mid-lake near dam	2,430	25		55
2002	Surface Water: Sulfate	No Concern	North arm of lake	2,430	25		55
2002	Surface Water: Sulfate	No Concern	West arm of lake	2,430	25		55
2002	Surface Water: Total Dissolved Solids	No Concern	Mid-lake near dam	2,430	25		399.5
2002	Surface Water: Total Dissolved Solids	No Concern	North arm of lake	2,430	25		399.5
2002	Surface Water: Total Dissolved Solids	No Concern	West arm of lake	2,430	25		399.5
2002	Surface Water: Overall	No Concern	Mid-lake near dam	2,430			
2002	Surface Water: Overall	No Concern	North arm of lake	2,430			
2002	Surface Water: Overall	No Concern	West arm of lake	2,430			
2002	Overall Public Water Supply Concerns	No Concern	Mid-lake near dam	2,430			
2002	Overall Public Water Supply Concerns	No Concern	North arm of lake	2,430			
2002	Overall Public Water Supply Concerns	No Concern	West arm of lake	2,430			

Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	Mid-lake near dam	2,430			
2002	Overall Narrative Criteria Concerns	No Concern	North arm of lake	2,430			
2002	Overall Narrative Criteria Concerns	No Concern	West arm of lake	2,430			

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Overall Secondary Concern

2002		No Concern	Mid-lake near dam	2,430			
2002		No Concern	North arm of lake	2,430			
2002		No Concern	West arm of lake	2,430			