

Segment ID: 1403

Water body name: Lake Austin

Reservoir

Colorado River Basin

Total size:

1,830 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	Dam to Loop 360 bridge	860	31	1	
2002	Dissolved Oxygen grab average	No Concern	Loop 360 bridge to Quinlan Park	667	28	2	
2002	Dissolved Oxygen grab average	Use Concern	Quinlan Park to upper end of segment	303	28	9	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Dam to Loop 360 bridge	860	31	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Loop 360 bridge to Quinlan Park	667	28	0	
2002	Dissolved Oxygen grab minimum	Use Concern	Quinlan Park to upper end of segment	303	28	4	
2002	Dissolved Oxygen 24hr average	Not Assessed	Dam to Loop 360 bridge	860	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Loop 360 bridge to Quinlan Park	667	0		
2004	Dissolved Oxygen 24hr average	Not Assess-Not Represent	Quinlan Park to upper end of segment	303	6		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Dam to Loop 360 bridge	860	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Loop 360 bridge to Quinlan Park	667	0		
2004	Dissolved Oxygen 24hr minimum	Not Assess-Not Represent	Quinlan Park to upper end of segment	303	6		
2002	Acute Metals in water	Fully Supporting	Dam to Loop 360 bridge	860	21	0	
2002	Acute Metals in water	Fully Supporting	Loop 360 bridge to Quinlan Park	667	18		
2002	Acute Metals in water	Not Assessed	Quinlan Park to upper end of segment	303	1		
2002	Chronic Metals in water	Fully Supporting	Dam to Loop 360 bridge	860	21		
2002	Chronic Metals in water	Fully Supporting	Loop 360 bridge to Quinlan Park	667	18		
2002	Chronic Metals in water	Not Assessed	Quinlan Park to upper end of segment	303	1		
2002	Acute Organics in water	Fully Supporting	Dam to Loop 360 bridge	860	41	0	
2002	Overall Aquatic Life Use	Fully Supporting	Dam to Loop 360 bridge	860			
2002	Overall Aquatic Life Use	Fully Supporting	Loop 360 bridge to Quinlan Park	667			

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**Aquatic Life Use** (continued)

2004	Overall Aquatic Life Use	Fully Supporting	Quinlan Park to upper end of segment	303			
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**Contact Recreation Use**

2002	E. coli single sample	Fully Supporting	Dam to Loop 360 bridge	860	28	0	
2002	E. coli single sample	Fully Supporting	Loop 360 bridge to Quinlan Park	667	27	0	
2002	E. coli single sample	Fully Supporting	Quinlan Park to upper end of segment	303	25	2	

2002	E. coli geometric mean	Fully Supporting	Dam to Loop 360 bridge	860	28		5
2002	E. coli geometric mean	Fully Supporting	Loop 360 bridge to Quinlan Park	667	27		5
2002	E. coli geometric mean	Fully Supporting	Quinlan Park to upper end of segment	303	25		13

2002	Fecal coliform single sample	Fully Supporting	Dam to Loop 360 bridge	860	39	0	
2002	Fecal coliform single sample	Fully Supporting	Loop 360 bridge to Quinlan Park	667	27	0	
2002	Fecal coliform single sample	Fully Supporting	Quinlan Park to upper end of segment	303	25	2	

2002	Fecal coliform geometric mean	Fully Supporting	Dam to Loop 360 bridge	860	39		10
2002	Fecal coliform geometric mean	Fully Supporting	Loop 360 bridge to Quinlan Park	667	27		9
2002	Fecal coliform geometric mean	Fully Supporting	Quinlan Park to upper end of segment	303	25		20

2002	Overall Recreation Use	Fully Supporting	Dam to Loop 360 bridge	860			
2002	Overall Recreation Use	Fully Supporting	Loop 360 bridge to Quinlan Park	667			
2002	Overall Recreation Use	Fully Supporting	Quinlan Park to upper end of segment	303			

**General Use**

2002	Water Temperature	Fully Supporting	Dam to Loop 360 bridge	860	35	0	
2002	Water Temperature	Fully Supporting	Loop 360 bridge to Quinlan Park	667	35	0	
2002	Water Temperature	Fully Supporting	Quinlan Park to upper end of segment	303	24	0	

2002	pH	Fully Supporting	Dam to Loop 360 bridge	860	31	0	
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**General Use** (continued)

2002	pH	Fully Supporting	Loop 360 bridge to Quinlan Park	667	28	0	
2002	pH	Fully Supporting	Quinlan Park to upper end of segment	303	17	0	
2002	Chloride	Fully Supporting	Dam to Loop 360 bridge	860	69		51
2002	Chloride	Fully Supporting	Loop 360 bridge to Quinlan Park	667	69		51
2002	Chloride	Fully Supporting	Quinlan Park to upper end of segment	303	69		51
2002	Sulfate	Fully Supporting	Dam to Loop 360 bridge	860	82		33
2002	Sulfate	Fully Supporting	Loop 360 bridge to Quinlan Park	667	82		33
2002	Sulfate	Fully Supporting	Quinlan Park to upper end of segment	303	82		33
2002	Total Dissolved Solids	Fully Supporting	Dam to Loop 360 bridge	860	125		318.3
2002	Total Dissolved Solids	Fully Supporting	Loop 360 bridge to Quinlan Park	667	125		318.3
2002	Total Dissolved Solids	Fully Supporting	Quinlan Park to upper end of segment	303	125		318.3
2002	Overall General Use	Fully Supporting	Dam to Loop 360 bridge	860			
2002	Overall General Use	Fully Supporting	Loop 360 bridge to Quinlan Park	667			
2002	Overall General Use	Fully Supporting	Quinlan Park to upper end of segment	303			

**Fish Consumption Use**

2002	Human Health Criteria	Fully Supporting	Dam to Loop 360 bridge	860	41		
2002	Human Health Criteria	Fully Supporting	Loop 360 bridge to Quinlan Park	667	41		
2002	Human Health Criteria	Fully Supporting	Quinlan Park to upper end of segment	303	41		
2002	Overall Fish Consumption Use	Fully Supporting	Dam to Loop 360 bridge	860			
2002	Overall Fish Consumption Use	Fully Supporting	Loop 360 bridge to Quinlan Park	667			
2002	Overall Fish Consumption Use	Fully Supporting	Quinlan Park to upper end of segment	303			

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**Public Water Supply Use**

2002	Overall Public Water Supply Use	Fully Supporting	Dam to Loop 360 bridge	860			
2002	Overall Public Water Supply Use	Fully Supporting	Loop 360 bridge to Quinlan Park	667			
2002	Overall Public Water Supply Use	Fully Supporting	Quinlan Park to upper end of segment	303			

**Overall Use Support**

2002		Fully Supporting	Dam to Loop 360 bridge	860			
2002		Fully Supporting	Loop 360 bridge to Quinlan Park	667			
2004		Fully Supporting	Quinlan Park to upper end of segment	303			

**Nutrient Enrichment Concern**

2002	Ammonia Nitrogen	No Concern	Dam to Loop 360 bridge	860	44	2	
2002	Ammonia Nitrogen	No Concern	Loop 360 bridge to Quinlan Park	667	24	1	
2002	Ammonia Nitrogen	No Concern	Quinlan Park to upper end of segment	303	20	2	
2002	Nitrite + Nitrate Nitrogen	No Concern	Dam to Loop 360 bridge	860	49	6	
2002	Nitrite + Nitrate Nitrogen	No Concern	Loop 360 bridge to Quinlan Park	667	29	2	
2002	Nitrite + Nitrate Nitrogen	No Concern	Quinlan Park to upper end of segment	303	23	3	
2002	Orthophosphorus	No Concern	Dam to Loop 360 bridge	860	49	0	
2002	Orthophosphorus	No Concern	Loop 360 bridge to Quinlan Park	667	29	0	
2002	Orthophosphorus	No Concern	Quinlan Park to upper end of segment	303	23	0	
2002	Total Phosphorus	No Concern	Dam to Loop 360 bridge	860	43	3	
2002	Total Phosphorus	No Concern	Loop 360 bridge to Quinlan Park	667	23	1	
2002	Total Phosphorus	No Concern	Quinlan Park to upper end of segment	303	19	3	
2002	Overall Nutrient Enrichment Concerns	No Concern	Dam to Loop 360 bridge	860			
2002	Overall Nutrient Enrichment Concerns	No Concern	Loop 360 bridge to Quinlan Park	667			

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**Nutrient Enrichment Concern** (continued)

2002	Overall Nutrient Enrichment Concerns	No Concern	Quinlan Park to upper end of segment	303			
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**Algal Growth Concern**

2002	Chlorophyll a	No Concern	Dam to Loop 360 bridge	860	44	1	
2002	Chlorophyll a	No Concern	Loop 360 bridge to Quinlan Park	667	26	1	
2002	Chlorophyll a	No Concern	Quinlan Park to upper end of segment	303	24	1	

**Sediment Contaminants Concern**

2002	Overall Sediment Contaminant Concerns	Not Assessed	Dam to Loop 360 bridge	860			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Loop 360 bridge to Quinlan Park	667			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Quinlan Park to upper end of segment	303			

**Fish Tissue Contaminants Concern**

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Dam to Loop 360 bridge	860			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Loop 360 bridge to Quinlan Park	667			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Quinlan Park to upper end of segment	303			

**Public Water Supply Concern**

2002	Finished Water: Chloride	No Concern	Dam to Loop 360 bridge	860			
2002	Finished Water: Chloride	No Concern	Loop 360 bridge to Quinlan Park	667			
2002	Finished Water: Chloride	No Concern	Quinlan Park to upper end of segment	303			
2002	Finished Water: Sulfate	No Concern	Dam to Loop 360 bridge	860			

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**Public Water Supply Concern** (continued)

2002	Finished Water: Sulfate	No Concern	Loop 360 bridge to Quinlan Park	667			
2002	Finished Water: Sulfate	No Concern	Quinlan Park to upper end of segment	303			
2002	Finished Water: Total Dissolved Solids	No Concern	Dam to Loop 360 bridge	860			
2002	Finished Water: Total Dissolved Solids	No Concern	Loop 360 bridge to Quinlan Park	667			
2002	Finished Water: Total Dissolved Solids	No Concern	Quinlan Park to upper end of segment	303			
2002	Finished Water: MTBE	No Concern	Dam to Loop 360 bridge	860			
2002	Finished Water: MTBE	No Concern	Loop 360 bridge to Quinlan Park	667			
2002	Finished Water: MTBE	No Concern	Quinlan Park to upper end of segment	303			
2002	Finished Water: Perchlorate	Not Assessed	Dam to Loop 360 bridge	860			
2002	Finished Water: Perchlorate	Not Assessed	Loop 360 bridge to Quinlan Park	667			
2002	Finished Water: Perchlorate	Not Assessed	Quinlan Park to upper end of segment	303			
2002	Finished Water: Overall	No Concern	Dam to Loop 360 bridge	860			
2002	Finished Water: Overall	No Concern	Loop 360 bridge to Quinlan Park	667			
2002	Finished Water: Overall	No Concern	Quinlan Park to upper end of segment	303			
2002	Surface Water: Chloride	No Concern	Dam to Loop 360 bridge	860	69		51
2002	Surface Water: Chloride	No Concern	Loop 360 bridge to Quinlan Park	667	69		51
2002	Surface Water: Chloride	No Concern	Quinlan Park to upper end of segment	303	69		51
2002	Surface Water: Sulfate	No Concern	Dam to Loop 360 bridge	860	82		33
2002	Surface Water: Sulfate	No Concern	Loop 360 bridge to Quinlan Park	667	82		33
2002	Surface Water: Sulfate	No Concern	Quinlan Park to upper end of segment	303	82		33

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**Public Water Supply Concern** (continued)

2002	Surface Water: Total Dissolved Solids	No Concern	Dam to Loop 360 bridge	860	125		318.3
2002	Surface Water: Total Dissolved Solids	No Concern	Loop 360 bridge to Quinlan Park	667	125		318.3
2002	Surface Water: Total Dissolved Solids	No Concern	Quinlan Park to upper end of segment	303	125		318.3
2002	Surface Water: Overall	No Concern	Dam to Loop 360 bridge	860			
2002	Surface Water: Overall	No Concern	Loop 360 bridge to Quinlan Park	667			
2002	Surface Water: Overall	No Concern	Quinlan Park to upper end of segment	303			
2002	Overall Public Water Supply Concerns	No Concern	Dam to Loop 360 bridge	860			
2002	Overall Public Water Supply Concerns	No Concern	Loop 360 bridge to Quinlan Park	667			
2002	Overall Public Water Supply Concerns	No Concern	Quinlan Park to upper end of segment	303			

**Narrative Criteria Concern**

2002	Overall Narrative Criteria Concerns	No Concern	Dam to Loop 360 bridge	860			
2002	Overall Narrative Criteria Concerns	No Concern	Loop 360 bridge to Quinlan Park	667			
2002	Overall Narrative Criteria Concerns	No Concern	Quinlan Park to upper end of segment	303			

**Overall Secondary Concern**

2002		No Concern	Dam to Loop 360 bridge	860			
2002		No Concern	Loop 360 bridge to Quinlan Park	667			
2002		No Concern	Quinlan Park to upper end of segment	303			