

Segment ID: 1411

Water body name: E. V. Spence Reservoir

Reservoir

Colorado River Basin

Total size:

14,950 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	Main pool near dam	8,000	6	1	
2002	Dissolved Oxygen grab minimum	No Concern-Limited Data	Main pool near dam	8,000	6	1	
2002	Dissolved Oxygen 24hr average	Not Assessed	Main pool near dam	8,000	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Main pool near dam	8,000	0		
2002	Overall Aquatic Life Use	Not Assessed	Main pool near dam	8,000			
2002	Overall Aquatic Life Use	Not Assessed	Remainder of reservoir	6,950			

Contact Recreation Use

2002	E. coli single sample	Not Assessed	Main pool near dam	8,000	0		
2002	E. coli geometric mean	Not Assessed	Main pool near dam	8,000	0		
2002	Fecal coliform single sample	Not Assessed	Main pool near dam	8,000	1	0	
2002	Fecal coliform geometric mean	Not Assessed	Main pool near dam	8,000	1		1
2002	Overall Recreation Use	Not Assessed	Main pool near dam	8,000			
2002	Overall Recreation Use	Not Assessed	Remainder of reservoir	6,950			

General Use

2002	Water Temperature	Not Assessed	Main pool near dam	8,000	7	0	
2002	pH	Not Assessed	Main pool near dam	8,000	3	0	
2004	Chloride	Use Concern-Limited Data	Main pool near dam	8,000	9		1,102
2004	Chloride	Use Concern-Limited Data	Remainder of reservoir	6,950	9		1,102

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General Use (continued)

2004	Sulfate	Use Concern-Limited Data	Main pool near dam	8,000	9		749
2004	Sulfate	Use Concern-Limited Data	Remainder of reservoir	6,950	9		749
2004	Total Dissolved Solids	Not Supporting	Main pool near dam	8,000	10		2,860
2004	Total Dissolved Solids	Not Supporting	Remainder of reservoir	6,950	10		2,860
2004	Overall General Use	Not Supporting	Main pool near dam	8,000			
2004	Overall General Use	Not Supporting	Remainder of reservoir	6,950			

Fish Consumption Use

2002	Overall Fish Consumption Use	Not Assessed	Main pool near dam	8,000			
2002	Overall Fish Consumption Use	Not Assessed	Remainder of reservoir	6,950			

Public Water Supply Use

2002	Overall Public Water Supply Use	Fully Supporting	Main pool near dam	8,000			
2002	Overall Public Water Supply Use	Fully Supporting	Remainder of reservoir	6,950			

Overall Use Support

2004		Not Supporting	Main pool near dam	8,000			
2004		Not Supporting	Remainder of reservoir	6,950			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	Not Assessed	Main pool near dam	8,000	3	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Main pool near dam	8,000	4	0	
2002	Orthophosphorus	Not Assessed	Main pool near dam	8,000	3	0	
2002	Total Phosphorus	Not Assessed	Main pool near dam	8,000	3	0	

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Nutrient Enrichment Concern (continued)

2002	Overall Nutrient Enrichment Concerns	Not Assessed	Main pool near dam	8,000			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Remainder of reservoir	6,950			

Algal Growth Concern

2002	Chlorophyll a	Not Assessed	Main pool near dam	8,000	3	0	
2002	Chlorophyll a	Not Assessed	Remainder of reservoir	6,950			

Sediment Contaminants Concern

2002	Overall Sediment Contaminant Concerns	Not Assessed	Main pool near dam	8,000			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Remainder of reservoir	6,950			

Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Main pool near dam	8,000			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Remainder of reservoir	6,950			

Public Water Supply Concern

2002	Finished Water: Chloride	Not Assessed	Main pool near dam	8,000			
2002	Finished Water: Chloride	Not Assessed	Remainder of reservoir	6,950			
2002	Finished Water: Sulfate	Not Assessed	Main pool near dam	8,000			
2002	Finished Water: Sulfate	Not Assessed	Remainder of reservoir	6,950			
2002	Finished Water: Total Dissolved Solids	Not Assessed	Main pool near dam	8,000			

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Public Water Supply Concern (continued)

2002	Finished Water: Total Dissolved Solids	Not Assessed	Remainder of reservoir	6,950			
2002	Finished Water: MTBE	Not Assessed	Main pool near dam	8,000			
2002	Finished Water: MTBE	Not Assessed	Remainder of reservoir	6,950			
2002	Finished Water: Perchlorate	Not Assessed	Main pool near dam	8,000			
2002	Finished Water: Perchlorate	Not Assessed	Remainder of reservoir	6,950			
2002	Finished Water: Overall	Not Assessed	Main pool near dam	8,000			
2002	Finished Water: Overall	Not Assessed	Remainder of reservoir	6,950			
2004	Surface Water: Chloride	Concern	Main pool near dam	8,000	9		1,102
2004	Surface Water: Chloride	Concern	Remainder of reservoir	6,950	9		1,102
2004	Surface Water: Sulfate	Concern	Main pool near dam	8,000	9		749
2004	Surface Water: Sulfate	Concern	Remainder of reservoir	6,950	9		749
2004	Surface Water: Total Dissolved Solids	Concern	Main pool near dam	8,000	10		2,860
2004	Surface Water: Total Dissolved Solids	Concern	Remainder of reservoir	6,950	10		2,860
2002	Surface Water: Overall	Concern	Main pool near dam	8,000			
2004	Surface Water: Overall	Concern	Remainder of reservoir	6,950			
2004	Overall Public Water Supply Concerns	Concern	Main pool near dam	8,000			
2002	Overall Public Water Supply Concerns	Concern	Remainder of reservoir	6,950			

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Narrative Criteria Concern

2004	Algal Growth	Concern	Main pool near dam	8,000			
2004	Algal Growth	Concern	Remainder of reservoir	6,950			
2004	Overall Narrative Criteria Concerns	Concern	Main pool near dam	8,000			
2004	Overall Narrative Criteria Concerns	Concern	Remainder of reservoir	6,950			

Overall Secondary Concern

2004		Concern	Main pool near dam	8,000			
2004		Concern	Remainder of reservoir	6,950			