

Segment ID: 1412 **Water body name:** Colorado River Below Lake J. B. Thomas

Freshwater Stream Colorado River Basin Total size: 99 Miles

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	Use Concern	25 miles to Barber Reservoir outfall	25	40	5	
2002	Dissolved Oxygen grab average	No Concern	Barber Reservoir to upper Scurry County line	25	35	2	
2002	Dissolved Oxygen grab average	No Concern	Lower end of segment to 25 miles upstream	25	42	1	
2002	Dissolved Oxygen grab average	No Concern	Upper end of segment	24	23	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	25 miles to Barber Reservoir outfall	25	40	1	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Barber Reservoir to upper Scurry County line	25	35	1	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Lower end of segment to 25 miles upstream	25	42	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Upper end of segment	24	23	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	25 miles to Barber Reservoir outfall	25	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Barber Reservoir to upper Scurry County line	25	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Lower end of segment to 25 miles upstream	25	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Upper end of segment	24	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	25 miles to Barber Reservoir outfall	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Barber Reservoir to upper Scurry County line	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Lower end of segment to 25 miles upstream	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Upper end of segment	24	0		
2002	Acute Metals in water	No Concern-Limited Data	25 miles to Barber Reservoir outfall	25	5	0	
2002	Acute Metals in water	Fully Supporting	Lower end of segment to 25 miles upstream	25	25	0	
2002	Chronic Metals in water	No Concern-Limited Data	25 miles to Barber Reservoir outfall	25	5		
2002	Chronic Metals in water	Fully Supporting	Lower end of segment to 25 miles upstream	25	25		
2002	Overall Aquatic Life Use	Fully Supporting	25 miles to Barber Reservoir outfall	25			
2002	Overall Aquatic Life Use	Fully Supporting	Barber Reservoir to upper Scurry County line	25			

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Aquatic Life Use (continued)

2002	Overall Aquatic Life Use	Fully Supporting	Lower end of segment to 25 miles upstream	25			
2002	Overall Aquatic Life Use	Fully Supporting	Upper end of segment	24			

Contact Recreation Use

2002	E. coli single sample	Not Assessed	25 miles to Barber Reservoir outfall	25	0		
2002	E. coli geometric mean	Not Assessed	25 miles to Barber Reservoir outfall	25	0		
2002	Fecal coliform single sample	No Concern-Limited Data	25 miles to Barber Reservoir outfall	25	8	0	
2002	Fecal coliform geometric mean	No Concern-Limited Data	25 miles to Barber Reservoir outfall	25	8		38
2002	Overall Recreation Use	Not Assessed	25 miles to Barber Reservoir outfall	25			
2002	Overall Recreation Use	Not Assessed	Barber Reservoir to upper Scurry County line	25			
2002	Overall Recreation Use	Not Assessed	Lower end of segment to 25 miles upstream	25			
2002	Overall Recreation Use	Not Assessed	Upper end of segment	24			

General Use

2002	Water Temperature	Fully Supporting	25 miles to Barber Reservoir outfall	25	68	1	
2002	Water Temperature	Fully Supporting	Barber Reservoir to upper Scurry County line	25	54	0	
2002	Water Temperature	Fully Supporting	Lower end of segment to 25 miles upstream	25	54	0	
2002	Water Temperature	Fully Supporting	Upper end of segment	24	18	0	
2002	pH	Fully Supporting	25 miles to Barber Reservoir outfall	25	16	0	
2002	pH	No Concern-Limited Data	Barber Reservoir to upper Scurry County line	25	8	0	
2002	pH	Fully Supporting	Lower end of segment to 25 miles upstream	25	33	0	

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General Use (continued)

2002	pH	No Concern-Limited Data	Upper end of segment	24	6	0	
2002	Chloride	Fully Supporting	25 miles to Barber Reservoir outfall	25	189		3,380
2002	Chloride	Fully Supporting	Barber Reservoir to upper Scurry County line	25	189		3,380
2002	Chloride	Fully Supporting	Lower end of segment to 25 miles upstream	25	189		3,380
2002	Chloride	Fully Supporting	Upper end of segment	24	189		3,380
2002	Sulfate	Fully Supporting	25 miles to Barber Reservoir outfall	25	189		1,227
2002	Sulfate	Fully Supporting	Barber Reservoir to upper Scurry County line	25	189		1,227
2002	Sulfate	Fully Supporting	Lower end of segment to 25 miles upstream	25	189		1,227
2002	Sulfate	Fully Supporting	Upper end of segment	24	189		1,227
2002	Total Dissolved Solids	Fully Supporting	25 miles to Barber Reservoir outfall	25	215		6,704
2002	Total Dissolved Solids	Fully Supporting	Barber Reservoir to upper Scurry County line	25	215		6,704
2002	Total Dissolved Solids	Fully Supporting	Lower end of segment to 25 miles upstream	25	215		6,704
2002	Total Dissolved Solids	Fully Supporting	Upper end of segment	24	215		6,704
2002	Overall General Use	Fully Supporting	25 miles to Barber Reservoir outfall	25			
2002	Overall General Use	Fully Supporting	Barber Reservoir to upper Scurry County line	25			
2002	Overall General Use	Fully Supporting	Lower end of segment to 25 miles upstream	25			
2002	Overall General Use	Fully Supporting	Upper end of segment	24			

Fish Consumption Use

2002	Human Health Criteria	Fully Supporting	25 miles to Barber Reservoir outfall	25	30		
2002	Human Health Criteria	Fully Supporting	Lower end of segment to 25 miles upstream	25	30		
2002	Overall Fish Consumption Use	Fully Supporting	25 miles to Barber Reservoir outfall	25			
2002	Overall Fish Consumption Use	Not Assessed	Barber Reservoir to upper Scurry County line	25			

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Fish Consumption Use (continued)

2002	Overall Fish Consumption Use	Fully Supporting	Lower end of segment to 25 miles upstream	25			
2002	Overall Fish Consumption Use	Not Assessed	Upper end of segment	24			

Overall Use Support

2002		Fully Supporting	25 miles to Barber Reservoir outfall	25			
2002		Fully Supporting	Barber Reservoir to upper Scurry County line	25			
2002		Fully Supporting	Lower end of segment to 25 miles upstream	25			
2002		Fully Supporting	Upper end of segment	24			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	Not Assessed	25 miles to Barber Reservoir outfall	25	8	1	
2002	Ammonia Nitrogen	Not Assessed	Barber Reservoir to upper Scurry County line	25	0		
2002	Ammonia Nitrogen	No Concern	Lower end of segment to 25 miles upstream	25	25	1	
2002	Ammonia Nitrogen	Not Assessed	Upper end of segment	24	0		
2002	Nitrite + Nitrate Nitrogen	No Concern	25 miles to Barber Reservoir outfall	25	18	1	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Barber Reservoir to upper Scurry County line	25	9	3	
2002	Nitrite + Nitrate Nitrogen	No Concern	Lower end of segment to 25 miles upstream	25	35	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Upper end of segment	24	6	0	
2002	Orthophosphorus	Not Assessed	25 miles to Barber Reservoir outfall	25	9	1	
2002	Orthophosphorus	Not Assessed	Barber Reservoir to upper Scurry County line	25	1	1	
2002	Orthophosphorus	No Concern	Lower end of segment to 25 miles upstream	25	26	1	
2002	Orthophosphorus	Not Assessed	Upper end of segment	24	1		
2002	Total Phosphorus	Not Assessed	25 miles to Barber Reservoir outfall	25	9	2	
2002	Total Phosphorus	Not Assessed	Barber Reservoir to upper Scurry County line	25	2	0	
2002	Total Phosphorus	Not Assessed	Lower end of segment to 25 miles upstream	25	0		

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Nutrient Enrichment Concern (continued)

2002	Total Phosphorus	Not Assessed	Upper end of segment	24	0		
2002	Overall Nutrient Enrichment Concerns	No Concern	25 miles to Barber Reservoir outfall	25			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Barber Reservoir to upper Scurry County line	25			
2002	Overall Nutrient Enrichment Concerns	No Concern	Lower end of segment to 25 miles upstream	25			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Upper end of segment	24			

Algal Growth Concern

2002	Chlorophyll a	Not Assessed	25 miles to Barber Reservoir outfall	25	8	5	
2002	Chlorophyll a	Not Assessed	Barber Reservoir to upper Scurry County line	25	0		
2002	Chlorophyll a	Not Assessed	Lower end of segment to 25 miles upstream	25	0		
2002	Chlorophyll a	Not Assessed	Upper end of segment	24	0		

Sediment Contaminants Concern

2002	Metals in sediment	Not Assessed	25 miles to Barber Reservoir outfall	25	4		
2002	Overall Sediment Contaminant Concerns	Not Assessed	25 miles to Barber Reservoir outfall	25			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Barber Reservoir to upper Scurry County line	25			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Lower end of segment to 25 miles upstream	25			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upper end of segment	24			

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Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	25 miles to Barber Reservoir outfall	25			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Barber Reservoir to upper Scurry County line	25			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower end of segment to 25 miles upstream	25			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper end of segment	24			

Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	25 miles to Barber Reservoir outfall	25			
2002	Overall Narrative Criteria Concerns	No Concern	Barber Reservoir to upper Scurry County line	25			
2002	Overall Narrative Criteria Concerns	No Concern	Lower end of segment to 25 miles upstream	25			
2002	Overall Narrative Criteria Concerns	No Concern	Upper end of segment	24			

Overall Secondary Concern

2002		No Concern	25 miles to Barber Reservoir outfall	25			
2002		No Concern	Barber Reservoir to upper Scurry County line	25			
2002		No Concern	Lower end of segment to 25 miles upstream	25			
2002		No Concern	Upper end of segment	24			