

Segment ID: 1424 **Water body name:** Middle Concho/South Concho River

Freshwater Stream

Colorado River Basin

Total size:

75

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	No Concern	South Concho - lower 25 miles	25	19	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	South Concho - lower 25 miles	25	19	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	South Concho - lower 25 miles	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	South Concho - lower 25 miles	25	0		
2002	Macrobenthos Community	Fully Supporting	South Concho - lower 25 miles	25	5	3	29
2002	Fish Community	Fully Supporting	South Concho - lower 25 miles	25	2	0	50
2002	Overall Aquatic Life Use	Not Assessed	Middle Concho - lower 25 miles	25			
2002	Overall Aquatic Life Use	Not Assessed	Remainder of segment	25			
2002	Overall Aquatic Life Use	Fully Supporting	South Concho - lower 25 miles	25			

Contact Recreation Use

2002	E. coli single sample	Not Assessed	South Concho - lower 25 miles	25	0		
2002	E. coli geometric mean	Not Assessed	South Concho - lower 25 miles	25	0		
2002	Fecal coliform single sample	Fully Supporting	South Concho - lower 25 miles	25	19	0	
2002	Fecal coliform geometric mean	Fully Supporting	South Concho - lower 25 miles	25	19		18
2002	Overall Recreation Use	Not Assessed	Middle Concho - lower 25 miles	25			
2002	Overall Recreation Use	Not Assessed	Remainder of segment	25			
2002	Overall Recreation Use	Fully Supporting	South Concho - lower 25 miles	25			

General Use

2002	Water Temperature	Fully Supporting	South Concho - lower 25 miles	25	19	0	
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General Use (continued)

2002	pH	Fully Supporting	South Concho - lower 25 miles	25	19	0	
2002	Chloride	Fully Supporting	Middle Concho - lower 25 miles	25	19		36
2002	Chloride	Fully Supporting	Remainder of segment	25	19		36
2002	Chloride	Fully Supporting	South Concho - lower 25 miles	25	19		36
2002	Sulfate	Fully Supporting	Middle Concho - lower 25 miles	25	19		17
2002	Sulfate	Fully Supporting	Remainder of segment	25	19		17
2002	Sulfate	Fully Supporting	South Concho - lower 25 miles	25	19		17
2002	Total Dissolved Solids	Fully Supporting	Middle Concho - lower 25 miles	25	21		362
2002	Total Dissolved Solids	Fully Supporting	Remainder of segment	25	21		362
2002	Total Dissolved Solids	Fully Supporting	South Concho - lower 25 miles	25	21		362
2002	Overall General Use	Fully Supporting	Middle Concho - lower 25 miles	25			
2002	Overall General Use	Fully Supporting	Remainder of segment	25			
2002	Overall General Use	Fully Supporting	South Concho - lower 25 miles	25			

Fish Consumption Use

2002	Human Health Criteria	Not Assessed	South Concho - lower 25 miles	25	1		
2002	Overall Fish Consumption Use	Not Assessed	Middle Concho - lower 25 miles	25			
2002	Overall Fish Consumption Use	Not Assessed	Remainder of segment	25			
2002	Overall Fish Consumption Use	Not Assessed	South Concho - lower 25 miles	25			

Public Water Supply Use

2002	Overall Public Water Supply Use	Fully Supporting	Middle Concho - lower 25 miles	25			
2002	Overall Public Water Supply Use	Fully Supporting	Remainder of segment	25			
2002	Overall Public Water Supply Use	Fully Supporting	South Concho - lower 25 miles	25			

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Overall Use Support

2002		Fully Supporting	Middle Concho - lower 25 miles	25			
2002		Fully Supporting	Remainder of segment	25			
2002		Fully Supporting	South Concho - lower 25 miles	25			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	South Concho - lower 25 miles	25	18	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	South Concho - lower 25 miles	25	18	0	
2002	Orthophosphorus	No Concern	South Concho - lower 25 miles	25	18	0	
2002	Total Phosphorus	No Concern	South Concho - lower 25 miles	25	17	0	
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Middle Concho - lower 25 miles	25			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Remainder of segment	25			
2002	Overall Nutrient Enrichment Concerns	No Concern	South Concho - lower 25 miles	25			

Algal Growth Concern

2002	Chlorophyll a	Not Assessed	Middle Concho - lower 25 miles	25			
2002	Chlorophyll a	Not Assessed	Remainder of segment	25			
2002	Chlorophyll a	No Concern	South Concho - lower 25 miles	25	17	0	

Sediment Contaminants Concern

2002	Overall Sediment Contaminant Concerns	Not Assessed	Middle Concho - lower 25 miles	25			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Remainder of segment	25			

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Sediment Contaminants Concern (continued)

2002	Overall Sediment Contaminant Concerns	Not Assessed	South Concho - lower 25 miles	25			
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Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Middle Concho - lower 25 miles	25			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Remainder of segment	25			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	South Concho - lower 25 miles	25			

Public Water Supply Concern

2002	Finished Water: Chloride	No Concern	Middle Concho - lower 25 miles	25			
2002	Finished Water: Chloride	No Concern	Remainder of segment	25			
2002	Finished Water: Chloride	No Concern	South Concho - lower 25 miles	25			
2002	Finished Water: Sulfate	No Concern	Middle Concho - lower 25 miles	25			
2002	Finished Water: Sulfate	No Concern	Remainder of segment	25			
2002	Finished Water: Sulfate	No Concern	South Concho - lower 25 miles	25			
2002	Finished Water: Total Dissolved Solids	No Concern	Middle Concho - lower 25 miles	25			
2002	Finished Water: Total Dissolved Solids	No Concern	Remainder of segment	25			
2002	Finished Water: Total Dissolved Solids	No Concern	South Concho - lower 25 miles	25			
2002	Finished Water: MTBE	No Concern	Middle Concho - lower 25 miles	25			
2002	Finished Water: MTBE	No Concern	Remainder of segment	25			
2002	Finished Water: MTBE	No Concern	South Concho - lower 25 miles	25			

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Public Water Supply Concern (continued)

2002	Finished Water: Perchlorate	Not Assessed	Middle Concho - lower 25 miles	25			
2002	Finished Water: Perchlorate	Not Assessed	Remainder of segment	25			
2002	Finished Water: Perchlorate	Not Assessed	South Concho - lower 25 miles	25			
2002	Finished Water: Overall	No Concern	Middle Concho - lower 25 miles	25			
2002	Finished Water: Overall	No Concern	Remainder of segment	25			
2002	Finished Water: Overall	No Concern	South Concho - lower 25 miles	25			
2002	Surface Water: Chloride	No Concern	Middle Concho - lower 25 miles	25	19		36
2002	Surface Water: Chloride	No Concern	Remainder of segment	25	19		36
2002	Surface Water: Chloride	No Concern	South Concho - lower 25 miles	25	19		36
2002	Surface Water: Sulfate	No Concern	Middle Concho - lower 25 miles	25	19		17
2002	Surface Water: Sulfate	No Concern	Remainder of segment	25	19		17
2002	Surface Water: Sulfate	No Concern	South Concho - lower 25 miles	25	19		17
2002	Surface Water: Total Dissolved Solids	No Concern	Middle Concho - lower 25 miles	25	21		362
2002	Surface Water: Total Dissolved Solids	No Concern	Remainder of segment	25	21		362
2002	Surface Water: Total Dissolved Solids	No Concern	South Concho - lower 25 miles	25	21		362
2002	Surface Water: Overall	No Concern	Middle Concho - lower 25 miles	25			
2002	Surface Water: Overall	No Concern	Remainder of segment	25			
2002	Surface Water: Overall	No Concern	South Concho - lower 25 miles	25			
2002	Overall Public Water Supply Concerns	No Concern	Middle Concho - lower 25 miles	25			
2002	Overall Public Water Supply Concerns	No Concern	Remainder of segment	25			

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Public Water Supply Concern (continued)

2002	Overall Public Water Supply Concerns	No Concern	South Concho - lower 25 miles	25			
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Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	Middle Concho - lower 25 miles	25			
2002	Overall Narrative Criteria Concerns	No Concern	Remainder of segment	25			
2002	Overall Narrative Criteria Concerns	No Concern	South Concho - lower 25 miles	25			

Overall Secondary Concern

2002		No Concern	Middle Concho - lower 25 miles	25			
2002		No Concern	Remainder of segment	25			
2002		No Concern	South Concho - lower 25 miles	25			