

**Segment ID:** 1434      **Water body name:** Colorado River above La Grange

Freshwater Stream

Colorado River Basin

Total size:

74

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	Reeds Creek west of Smithville to upper end of segment	26	29	0	
2002	Dissolved Oxygen grab average	No Concern	Southern-Pacific RR to Reeds Creek west of Smithville	26	29	1	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Reeds Creek west of Smithville to upper end of segment	26	29	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Southern-Pacific RR to Reeds Creek west of Smithville	26	29	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Reeds Creek west of Smithville to upper end of segment	26	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Southern-Pacific RR to Reeds Creek west of Smithville	26	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Reeds Creek west of Smithville to upper end of segment	26	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Southern-Pacific RR to Reeds Creek west of Smithville	26	0		
2002	Acute Metals in water	Not Assessed	Reeds Creek west of Smithville to upper end of segment	26	1		
2002	Chronic Metals in water	Not Assessed	Reeds Creek west of Smithville to upper end of segment	26	1		
2002	Overall Aquatic Life Use	Not Assessed	Lower 22 miles of segment	22			
2002	Overall Aquatic Life Use	Fully Supporting	Reeds Creek west of Smithville to upper end of segment	26			
2002	Overall Aquatic Life Use	Fully Supporting	Southern-Pacific RR to Reeds Creek west of Smithville	26			

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**Contact Recreation Use**

2002	E. coli single sample	Fully Supporting	Reeds Creek west of Smithville to upper end of segment	26	23	1	
2002	E. coli single sample	Fully Supporting	Southern-Pacific RR to Reeds Creek west of Smithville	26	23	1	
2002	E. coli geometric mean	Fully Supporting	Reeds Creek west of Smithville to upper end of segment	26	23		33
2002	E. coli geometric mean	Fully Supporting	Southern-Pacific RR to Reeds Creek west of Smithville	26	23		34
2002	Fecal coliform single sample	Fully Supporting	Reeds Creek west of Smithville to upper end of segment	26	23	1	
2002	Fecal coliform single sample	Fully Supporting	Southern-Pacific RR to Reeds Creek west of Smithville	26	23	1	
2002	Fecal coliform geometric mean	Fully Supporting	Reeds Creek west of Smithville to upper end of segment	26	23		64
2002	Fecal coliform geometric mean	Fully Supporting	Southern-Pacific RR to Reeds Creek west of Smithville	26	23		59
2002	Overall Recreation Use	Not Assessed	Lower 22 miles of segment	22			
2002	Overall Recreation Use	Fully Supporting	Reeds Creek west of Smithville to upper end of segment	26			
2002	Overall Recreation Use	Fully Supporting	Southern-Pacific RR to Reeds Creek west of Smithville	26			

**General Use**

2002	Water Temperature	Fully Supporting	Reeds Creek west of Smithville to upper end of segment	26	31	0	
2002	Water Temperature	Fully Supporting	Southern-Pacific RR to Reeds Creek west of Smithville	26	29	0	

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**General Use** (continued)

2002	pH	Fully Supporting	Reeds Creek west of Smithville to upper end of segment	26	29	0	
2002	pH	Fully Supporting	Southern-Pacific RR to Reeds Creek west of Smithville	26	29	0	
2002	Chloride	Fully Supporting	Lower 22 miles of segment	22	55		55
2002	Chloride	Fully Supporting	Reeds Creek west of Smithville to upper end of segment	26	55		55
2002	Chloride	Fully Supporting	Southern-Pacific RR to Reeds Creek west of Smithville	26	55		55
2002	Sulfate	Fully Supporting	Lower 22 miles of segment	22	67		44
2002	Sulfate	Fully Supporting	Reeds Creek west of Smithville to upper end of segment	26	67		45
2002	Sulfate	Fully Supporting	Southern-Pacific RR to Reeds Creek west of Smithville	26	67		45
2002	Total Dissolved Solids	Not Assessed	Lower 22 miles of segment	22	3		366
2002	Total Dissolved Solids	Not Assessed	Reeds Creek west of Smithville to upper end of segment	26	3		366
2002	Total Dissolved Solids	Not Assessed	Southern-Pacific RR to Reeds Creek west of Smithville	26	3		366
2002	Overall General Use	Fully Supporting	Lower 22 miles of segment	22			
2002	Overall General Use	Fully Supporting	Reeds Creek west of Smithville to upper end of segment	26			
2002	Overall General Use	Fully Supporting	Southern-Pacific RR to Reeds Creek west of Smithville	26			

**Fish Consumption Use**

2002	Overall Fish Consumption Use	Not Assessed	Lower 22 miles of segment	22			
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**Fish Consumption Use** (continued)

2002	Overall Fish Consumption Use	Not Assessed	Reeds Creek west of Smithville to upper end of segment	26			
2002	Overall Fish Consumption Use	Not Assessed	Southern-Pacific RR to Reeds Creek west of Smithville	26			

**Public Water Supply Use**

2002	Overall Public Water Supply Use	Fully Supporting	Lower 22 miles of segment	22			
2002	Overall Public Water Supply Use	Fully Supporting	Reeds Creek west of Smithville to upper end of segment	26			
2002	Overall Public Water Supply Use	Fully Supporting	Southern-Pacific RR to Reeds Creek west of Smithville	26			

**Overall Use Support**

2002		Fully Supporting	Lower 22 miles of segment	22			
2002		Fully Supporting	Reeds Creek west of Smithville to upper end of segment	26			
2002		Fully Supporting	Southern-Pacific RR to Reeds Creek west of Smithville	26			

**Nutrient Enrichment Concern**

2002	Ammonia Nitrogen	No Concern	Reeds Creek west of Smithville to upper end of segment	26	19	0	
2002	Ammonia Nitrogen	No Concern	Southern-Pacific RR to Reeds Creek west of Smithville	26	20	1	
2002	Nitrite + Nitrate Nitrogen	Concern	Reeds Creek west of Smithville to upper end of segment	26	22	6	
2002	Nitrite + Nitrate Nitrogen	No Concern	Southern-Pacific RR to Reeds Creek west of Smithville	26	23	6	

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**Nutrient Enrichment Concern** (continued)

2002	Orthophosphorus	No Concern	Reeds Creek west of Smithville to upper end of segment	26	22	5	
2002	Orthophosphorus	No Concern	Southern-Pacific RR to Reeds Creek west of Smithville	26	23	5	
2002	Total Phosphorus	No Concern	Reeds Creek west of Smithville to upper end of segment	26	18	2	
2002	Total Phosphorus	No Concern	Southern-Pacific RR to Reeds Creek west of Smithville	26	19	3	
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Lower 22 miles of segment	22			
2002	Overall Nutrient Enrichment Concerns	Concern	Reeds Creek west of Smithville to upper end of segment	26			
2002	Overall Nutrient Enrichment Concerns	No Concern	Southern-Pacific RR to Reeds Creek west of Smithville	26			

**Algal Growth Concern**

2002	Chlorophyll a	Not Assessed	Lower 22 miles of segment	22			
2002	Chlorophyll a	No Concern	Reeds Creek west of Smithville to upper end of segment	26	23	1	
2002	Chlorophyll a	No Concern	Southern-Pacific RR to Reeds Creek west of Smithville	26	24	1	

**Sediment Contaminants Concern**

2002	Overall Sediment Contaminant Concerns	Not Assessed	Lower 22 miles of segment	22			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Reeds Creek west of Smithville to upper end of segment	26			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Southern-Pacific RR to Reeds Creek west of Smithville	26			

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**Fish Tissue Contaminants Concern**

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 22 miles of segment	22			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Reeds Creek west of Smithville to upper end of segment	26			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Southern-Pacific RR to Reeds Creek west of Smithville	26			

**Public Water Supply Concern**

2002	Finished Water: Chloride	No Concern	Lower 22 miles of segment	22			
2002	Finished Water: Chloride	No Concern	Reeds Creek west of Smithville to upper end of segment	26			
2002	Finished Water: Chloride	No Concern	Southern-Pacific RR to Reeds Creek west of Smithville	26			
2002	Finished Water: Sulfate	No Concern	Lower 22 miles of segment	22			
2002	Finished Water: Sulfate	No Concern	Reeds Creek west of Smithville to upper end of segment	26			
2002	Finished Water: Sulfate	No Concern	Southern-Pacific RR to Reeds Creek west of Smithville	26			
2002	Finished Water: Total Dissolved Solids	No Concern	Lower 22 miles of segment	22			
2002	Finished Water: Total Dissolved Solids	No Concern	Reeds Creek west of Smithville to upper end of segment	26			
2002	Finished Water: Total Dissolved Solids	No Concern	Southern-Pacific RR to Reeds Creek west of Smithville	26			
2002	Finished Water: MTBE	No Concern	Lower 22 miles of segment	22			
2002	Finished Water: MTBE	No Concern	Reeds Creek west of Smithville to upper end of segment	26			

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**Public Water Supply Concern** (continued)

2002	Finished Water: MTBE	No Concern	Southern-Pacific RR to Reeds Creek west of Smithville	26			
2002	Finished Water: Perchlorate	Not Assessed	Lower 22 miles of segment	22			
2002	Finished Water: Perchlorate	Not Assessed	Reeds Creek west of Smithville to upper end of segment	26			
2002	Finished Water: Perchlorate	Not Assessed	Southern-Pacific RR to Reeds Creek west of Smithville	26			
2002	Finished Water: Overall	No Concern	Lower 22 miles of segment	22			
2002	Finished Water: Overall	No Concern	Reeds Creek west of Smithville to upper end of segment	26			
2002	Finished Water: Overall	No Concern	Southern-Pacific RR to Reeds Creek west of Smithville	26			
2002	Surface Water: Chloride	No Concern	Lower 22 miles of segment	22	55		55
2002	Surface Water: Chloride	No Concern	Reeds Creek west of Smithville to upper end of segment	26	55		55
2002	Surface Water: Chloride	No Concern	Southern-Pacific RR to Reeds Creek west of Smithville	26	55		55
2002	Surface Water: Sulfate	No Concern	Lower 22 miles of segment	22	67		44
2002	Surface Water: Sulfate	No Concern	Reeds Creek west of Smithville to upper end of segment	26	67		45
2002	Surface Water: Sulfate	No Concern	Southern-Pacific RR to Reeds Creek west of Smithville	26	67		45
2002	Surface Water: Total Dissolved Solids	Not Assessed	Lower 22 miles of segment	22	3		366
2002	Surface Water: Total Dissolved Solids	Not Assessed	Reeds Creek west of Smithville to upper end of segment	26	3		366

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**Public Water Supply Concern** (continued)

2002	Surface Water: Total Dissolved Solids	Not Assessed	Southern-Pacific RR to Reeds Creek west of Smithville	26	3		366
2002	Surface Water: Overall	No Concern	Lower 22 miles of segment	22			
2002	Surface Water: Overall	No Concern	Reeds Creek west of Smithville to upper end of segment	26			
2002	Surface Water: Overall	No Concern	Southern-Pacific RR to Reeds Creek west of Smithville	26			
2002	Overall Public Water Supply Concerns	No Concern	Lower 22 miles of segment	22			
2002	Overall Public Water Supply Concerns	No Concern	Reeds Creek west of Smithville to upper end of segment	26			
2002	Overall Public Water Supply Concerns	No Concern	Southern-Pacific RR to Reeds Creek west of Smithville	26			

**Narrative Criteria Concern**

2002	Overall Narrative Criteria Concerns	No Concern	Lower 22 miles of segment	22			
2002	Overall Narrative Criteria Concerns	No Concern	Reeds Creek west of Smithville to upper end of segment	26			
2002	Overall Narrative Criteria Concerns	No Concern	Southern-Pacific RR to Reeds Creek west of Smithville	26			

**Overall Secondary Concern**

2002		No Concern	Lower 22 miles of segment	22			
2002		Concern	Reeds Creek west of Smithville to upper end of segment	26			
2002		No Concern	Southern-Pacific RR to Reeds Creek west of Smithville	26			