

Segment ID: 0103 Water body name: Canadian River Above Lake Meredith

Freshwater Stream Canadian River Basin Total size: 116 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	Lake Meredith headwaters to Sand Creek	25	49	0	
2002	Dissolved Oxygen grab average	No Concern	Sand Creek to Punta de Agua Creek	25	23	0	
2002	Dissolved Oxygen grab average	Not Assessed	Sidle Canyon to New Mexico State Line	15	8	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Lake Meredith headwaters to Sand Creek	25	49	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Sand Creek to Punta de Agua Creek	25	23	0	
2002	Dissolved Oxygen grab minimum	No Concern-Limited Data	Sidle Canyon to New Mexico State Line	15	8	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Lake Meredith headwaters to Sand Creek	25	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Sand Creek to Punta de Agua Creek	25	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Sidle Canyon to New Mexico State Line	15	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Lake Meredith headwaters to Sand Creek	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Sand Creek to Punta de Agua Creek	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Sidle Canyon to New Mexico State Line	15	0		
2002	Acute Metals in water	No Concern-Limited Data	Lake Meredith headwaters to Sand Creek	25	6	0	
2002	Acute Metals in water	No Concern-Limited Data	Sand Creek to Punta de Agua Creek	25	5	0	
2002	Acute Metals in water	Not Assessed	Sidle Canyon to New Mexico State Line	15	1		
2002	Chronic Metals in water	No Concern-Limited Data	Lake Meredith headwaters to Sand Creek	25	6		
2002	Chronic Metals in water	No Concern-Limited Data	Sand Creek to Punta de Agua Creek	25	5		
2002	Chronic Metals in water	Not Assessed	Sidle Canyon to New Mexico State Line	15	1		
2002	Acute Organics in water	Not Assessed	Lake Meredith headwaters to Sand Creek	25	1	0	
2002	Acute Organics in water	Not Assessed	Sand Creek to Punta de Agua Creek	25	2	0	

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Aquatic Life Use (continued)

2002	Chronic Organics in water	Not Assessed	Lake Meredith headwaters to Sand Creek	25	1		
2002	Chronic Organics in water	Not Assessed	Sand Creek to Punta de Agua Creek	25	2		
2002	Overall Aquatic Life Use	Fully Supporting	Lake Meredith headwaters to Sand Creek	25			
2002	Overall Aquatic Life Use	Not Assessed	Punta de Agua Creek to Sidle Canyon	51			
2002	Overall Aquatic Life Use	Fully Supporting	Sand Creek to Punta de Agua Creek	25			
2002	Overall Aquatic Life Use	Not Assessed	Sidle Canyon to New Mexico State Line	15			

Contact Recreation Use

2002	E. coli single sample	Fully Supporting	Lake Meredith headwaters to Sand Creek	25	11	1	
2002	E. coli single sample	Use Concern	Sand Creek to Punta de Agua Creek	25	15	5	
2002	E. coli single sample	Not Assessed	Sidle Canyon to New Mexico State Line	15	0		
2002	E. coli geometric mean	Fully Supporting	Lake Meredith headwaters to Sand Creek	25	11		17
2002	E. coli geometric mean	Fully Supporting	Sand Creek to Punta de Agua Creek	25	15		112
2002	E. coli geometric mean	Not Assessed	Sidle Canyon to New Mexico State Line	15	0		
2002	Fecal coliform single sample	Fully Supporting	Lake Meredith headwaters to Sand Creek	25	33	4	
2002	Fecal coliform single sample	Use Concern	Sand Creek to Punta de Agua Creek	25	23	7	
2002	Fecal coliform single sample	No Concern-Limited Data	Sidle Canyon to New Mexico State Line	15	8	2	
2002	Fecal coliform geometric mean	Fully Supporting	Lake Meredith headwaters to Sand Creek	25	33		30
2002	Fecal coliform geometric mean	Fully Supporting	Sand Creek to Punta de Agua Creek	25	23		136
2002	Fecal coliform geometric mean	No Concern-Limited Data	Sidle Canyon to New Mexico State Line	15	8		35
2002	Overall Recreation Use	Fully Supporting	Lake Meredith headwaters to Sand Creek	25			
2002	Overall Recreation Use	Not Assessed	Punta de Agua Creek to Sidle Canyon	51			
2002	Overall Recreation Use	Fully Supporting	Sand Creek to Punta de Agua Creek	25			

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Nutrient Enrichment Concern (continued)

2002	Ammonia Nitrogen	No Concern	Sidle Canyon to New Mexico State Line	15	10	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Lake Meredith headwaters to Sand Creek	25	41	1	
2002	Nitrite + Nitrate Nitrogen	No Concern	Sand Creek to Punta de Agua Creek	25	13	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Sidle Canyon to New Mexico State Line	15	10	0	
2002	Orthophosphorus	No Concern	Lake Meredith headwaters to Sand Creek	25	41	0	
2002	Orthophosphorus	No Concern	Sand Creek to Punta de Agua Creek	25	13	0	
2002	Orthophosphorus	No Concern	Sidle Canyon to New Mexico State Line	15	10	0	
2002	Total Phosphorus	No Concern	Lake Meredith headwaters to Sand Creek	25	20	2	
2002	Total Phosphorus	Not Assessed	Sand Creek to Punta de Agua Creek	25	6	0	
2002	Total Phosphorus	No Concern	Sidle Canyon to New Mexico State Line	15	10	2	
2002	Overall Nutrient Enrichment Concerns	No Concern	Lake Meredith headwaters to Sand Creek	25			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Punta de Agua Creek to Sidle Canyon	51			
2002	Overall Nutrient Enrichment Concerns	No Concern	Sand Creek to Punta de Agua Creek	25			
2002	Overall Nutrient Enrichment Concerns	No Concern	Sidle Canyon to New Mexico State Line	15			

Algal Growth Concern

2002	Chlorophyll a	No Concern	Lake Meredith headwaters to Sand Creek	25	17	0	
2002	Chlorophyll a	Not Assessed	Punta de Agua Creek to Sidle Canyon	51			
2002	Chlorophyll a	Not Assessed	Sand Creek to Punta de Agua Creek	25	6		
2002	Chlorophyll a	No Concern	Sidle Canyon to New Mexico State Line	15	10	0	

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Sediment Contaminants Concern

2002	Metals in sediment	Not Assessed	Lake Meredith headwaters to Sand Creek	25	2	0	
2002	Metals in sediment	Not Assessed	Sand Creek to Punta de Agua Creek	25	3		
2002	Organics in sediment	Not Assessed	Lake Meredith headwaters to Sand Creek	25	2	0	
2002	Organics in sediment	Not Assessed	Sand Creek to Punta de Agua Creek	25	2		
2002	Overall Sediment Contaminant Concerns	Not Assessed	Lake Meredith headwaters to Sand Creek	25			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Punta de Agua Creek to Sidle Canyon	51			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Sand Creek to Punta de Agua Creek	25			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Sidle Canyon to New Mexico State Line	15			

Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lake Meredith headwaters to Sand Creek	25			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Punta de Agua Creek to Sidle Canyon	51			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Sand Creek to Punta de Agua Creek	25			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Sidle Canyon to New Mexico State Line	15			

Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	Lake Meredith headwaters to Sand Creek	25			
2002	Overall Narrative Criteria Concerns	No Concern	Sand Creek to Punta de Agua Creek	25			
2002	Overall Narrative Criteria Concerns	No Concern	Sidle Canyon to New Mexico State Line	15			

