

Cimarron River at Oilton



Sample Record		Biological Collections	Station ID
December 1998 – November 2012		Gaging Data	620900010170-001AT
Stream Data	County	Creek	Request Data by Email
	Location	North of the Town of Oilton off State Highway 99	
	Latitude/Longitude	36.09442186, -96.5787792	
	Planning Watershed	Upper Arkansas (8-digit HUC - 11050003)	

	Parameter (<i>Descriptions</i>)	n	Mean	Median	Min./Max	p25/p75	Comments
In-Situ	Water Temperature (°C)	122	17.8	17.5	-0.9/35.3	9.4/26.2	
	Turbidity (NTU)	121	205	54	4/>1000	25/156	35% of values>OWQS
	pH (units)	121	8.23	8.23	7.11/9.31	7.95/8.50	13% of values>OWQS
	Dissolved Oxygen (mg/L)	130	9.74	9.17	0.72/24.36	7.25/11.91	
	Hardness (mg/L)	120	479	497	34/1300	328/591	
Minerals	Total Dissolved Solids (mg/L)	174	3133	2993	<10/13654	1733/4129	
	Specific Conductivity (uS/cm)	122	5067	5005	518/16339	2825/6851	
	Chloride (mg/L)	116	1464	1353	115/5600	863/1978	
	Sulfate (mg/L)	118	317	305	86/681	217/401	
Nutrients	Total Phosphorus (mg/L)	119	0.365	0.268	<0.010/1.780	0.177/0.451	
	Total Nitrogen (mg/L)	117	1.95	1.65	0.49/5.70	1.29/2.37	
	Nitrate/Nitrite (mg/L)	58	0.45	0.23	<0.05/1.86	<0.05/0.82	
	Chlorophyll A (mg/m ³)	36	47.0	31.9	<0.1/304.0	15.8/52.8	TSI=68.4
Bacteria	Enterococcus (cfu/100ml)(* -Geo. Mn.)	28	738	86	<10/6000	31/262	Mean>OWQS
	E. Coli (cfu/100ml)(* -Geo. Mn.)	28	162	20	<10/2014	<10/96	

Beneficial Uses	Click to learn more about Beneficial Uses	Turbidity	pH	Dissolved Oxygen	Metals	Sulfates	Nitrates	Chlorides	Total Dissolved Solids	Bacteria	Bio. Fish	Bio. BMI	Sediment
	Fish & Wildlife Propagation		NS	NS	S	S						NS	S
Aesthetics													NEI
Agriculture						S		S	S				
Primary Body Contact Recreation										NS			
Public & Private Water Supply					S		S			S			
Fish Consumption					NS								
<i>S = Fully Supporting</i> <i>NS = Not Supporting</i> <i>NEI = Not Enough Information</i>		Notes <i>Fish Consumption not supporting for Lead</i>											