

# Chikaskia River at Blackwell



<b>Sample Record</b>	<a href="#">Biological Collections</a>	<b>Station ID</b>
December 1998 - Current	<a href="#">Gaging Data</a>	621100000010-001AT

<b>Stream Data</b>	County	Key	<a href="#">Request Data by Email</a>
	Location	East of the Town of Blackwell on State Highway 11	
	Latitude/Longitude	36.81155311, -97.27808293	
	Planning Watershed	Upper Arkansas (8-digit HUC - 11060005)	

	Parameter ( <i>Descriptions</i> )	n	Mean	Median	Min./Max	p25/p75	Comments
<b>In-Situ</b>	Water Temperature (°C)	152	16.6	17.0	-0.9/34.0	9.3/25.4	
	Turbidity (NTU)	153	120	42	5/1000	23/90	24% of values>OWQS
	pH (units)	150	8.02	8.05	6.24/9.29	7.86/8.23	
	Dissolved Oxygen (mg/L)	161	10.67	9.55	2.53/48.86	8.30/12.40	
	Hardness (mg/L)	151	368	335	80/3720	250/401	
<b>Minerals</b>	Total Dissolved Solids (mg/L)	224	658	588	21/4055	463/708	
	Specific Conductivity (uS/cm)	152	1001	938	33/6238	703/1125	
	Chloride (mg/L)	155	148	116	12/1970	71/153	
	Sulfate (mg/L)	155	121	109	30/765	84/137	
<b>Nutrients</b>	Total Phosphorus (mg/L)	155	0.205	0.158	0.013/1.240	0.095/0.260	
	Total Nitrogen (mg/L)	154	1.81	1.79	0.48/6.63	1.24/2.25	
	Nitrate/Nitrite (mg/L)	93	0.81	0.76	<0.05/2.48	0.26/1.20	
	Chlorophyll A (mg/m <sup>3</sup> )	93	18.6	10.1	<0.1/138.0	4.6/25.0	TSI=59.3
<b>Bacteria</b>	Enterococcus (cfu/100ml)(* -Geo. Mn.)	31	5746	140	20/147000	57/1350	Mean>OWQS
	E. Coli (cfu/100ml)(* -Geo. Mn.)	31	350	20	<10/3968	<10/245	

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