

# Barren Fork at Eldon



<b>Sample Record</b>		<a href="#">Biological Collections</a>	<b>Station ID</b>
November 1998 - Current		<a href="#">Gaging Data</a>	121700050010-001AT
<b>Stream Data</b>	County	Cherokee	<a href="#">Request Data By Email</a>
	Location	South of the Town of Eldon on State Highway 51	
	Latitude/Longitude	35.92173377, -94.83726494	
	Planning Watershed	Lower Arkansas (8-digit HUC - 11110103)	

		Parameter ( <i>Descriptions</i> )	n	Mean	Median	Min./Max	p25/p75	Comments
		<b>In-Situ</b>		Water Temperature (°C)	145	17.3	17.8	3.1/29.9
	Turbidity (NTU)		142	4	2	1/45	2/3	
	pH (units)		144	7.63	7.59	6.37/8.82	7.37/7.88	
	Dissolved Oxygen (mg/L)		148	9.67	9.80	4.40/14.53	8.19/11.05	
	Hardness (mg/L)		146	99	98	46/159	89/107	
<b>Minerals</b>		Total Dissolved Solids (mg/L)	164	128	124	13/545	110/137	
		Specific Conductivity (uS/cm)	145	200	199	20/713	178/215	
		Chloride (mg/L)	117	<10	<10	<10/44	<10/<10	
		Sulfate (mg/L)	117	<10	<10	<10/40	<10/<10	
<b>Nutrients</b>		Total Phosphorus (mg/L)	149	0.033	0.028	<0.010/0.217	0.022/0.034	
		Total Nitrogen (mg/L)	148	1.48	1.39	0.18/4.20	0.85/1.94	
		Nitrate/Nitrite (mg/L)	86	1.26	1.18	0.14/3.83	0.63/1.64	
		Chlorophyll A (mg/m <sup>3</sup> )	89	1.4	1.1	<0.1/11.7	0.7/1.7	TSI=34.1
<b>Bacteria</b>		Enterococcus (cfu/100ml)(* -Geo. Mn.)	74	221	20	<10/3900	<10/80	
		E. Coli (cfu/100ml)(* -Geo. Mn.)	74	77	<10	<10/2420	<10/49	Mean>OWQS

<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	Total Phosphorus
	Fish & Wildlife Propagation		S	S	S	S						S	S	S
Aesthetics													S	S
Agriculture						S		S	S					
Primary Body Contact Recreation										NS				
Public & Private Water Supply					S		S			S				
Fish Consumption					S									
<i>S = Fully Supporting</i> <i>NS = Not Supporting</i> <i>NEI = Not Enough Information</i>		<b>Notes</b>												