

Neosho River at Chouteau



Sample Record		Biological Collections	Station ID
November 1998 - Current		Gaging Data	121600010280-001AT
Stream Data	County	Mayes	Request Data By Email
	Location	East of the Town of Chouteau on US Highway 412	
	Latitude/Longitude	36.17655098, -95.27570708	
	Planning Watershed	Grand (8-digit HUC - 11070209)	

	Parameter (<i>Descriptions</i>)	n	Mean	Median	Min./Max	p25/p75	Comments
In-Situ	Water Temperature (°C)	138	17.5	17.9	3.6/35.3	10.4/24.5	
	Turbidity (NTU)	138	16	12	3/106	8/17	
	pH (units)	137	7.94	7.93	7.11/9.41	7.62/8.20	
	Dissolved Oxygen (mg/L)	141	9.54	9.19	2.45/17.25	7.64/11.40	See Notes
	Hardness (mg/L)	140	128	127	75/204	113/140	
	Total Dissolved Solids (mg/L)	158	183	177	90/397	154/207	
Minerals	Specific Conductivity (uS/cm)	138	291	289	141/610	252/322	
	Chloride (mg/L)	88	<10	<10	<10/26	<10/12	
	Sulfate (mg/L)	88	35	32	22/157	27/35	
	Total Phosphorus (mg/L)	145	0.230	0.138	<0.010/1.380	0.100/0.248	
Nutrients	Total Nitrogen (mg/L)	145	1.18	1.14	0.49/2.41	0.86/1.49	
	Nitrate/Nitrite (mg/L)	89	0.49	0.43	<0.05/1.40	0.22/0.67	
	Chlorophyll A (mg/m ³)	83	15.0	12.8	1.5/70.0	6.5/18.1	TSI=57.2
	Enterococcus (cfu/100ml)(* -Geo. Mn.)	35	83	<10	<10/1400	<10/33	
Bacteria	E. Coli (cfu/100ml)(* -Geo. Mn.)	35	49	<10	<10/882	<10/17	

Beneficial Uses	Turbidity	pH	Dissolved Oxygen	Metals	Sulfates	Nitrates	Chlorides	Total Dissolved Solids	Bacteria	Bio. Fish	Bio. BMI	Sediment
Click to learn more about Beneficial Uses												
Fish & Wildlife Propagation	S	S	NS	S						S	S	S
Aesthetics												S
Agriculture					S		S	S				
Primary Body Contact Recreation									S			
Public & Private Water Supply				S		S			S			
Fish Consumption				S								

S = Fully Supporting
 NS = Not Supporting
 NEI = Not Enough Information

Notes

Upstream water quality probes show numerous samples were below 2 mg/L