

Mud Creek at Courtney



Sample Record		Biological Collections	Station ID
November 1998 - Current		Gaging Data	311100040010-001AT
Stream Data	County	Love	Request Data By Email
	Location	East of the Town of Courtney on State Highway 32	
	Latitude/Longitude	33.940524, -97.478331	
	Planning Watershed	Lower Washita (8-digit HUC - 11130201)	

	Parameter (<i>Descriptions</i>)	n	Mean	Median	Min./Max	p25/p75	Comments
In-Situ	Water Temperature (°C)	158	19.0	19.4	3.4/32.6	12.5/26.4	
	Turbidity (NTU)	159	214	101	13/1000	44/294	60% of values > OWQS
	pH (units)	157	7.85	7.88	7.14/8.81	7.64/8.06	
	Dissolved Oxygen (mg/L)	166	6.79	6.74	1.42/17.43	5.21/8.18	13% of values < OWQS and 13% of values < alt OWQS
	Hardness (mg/L)	157	247	216	30/670	136/303	
Minerals	Total Dissolved Solids (mg/L)	233	484	410	<10/1490	256/596	
	Specific Conductivity (uS/cm)	157	758	659	90/2292	353/963	
	Chloride (mg/L)	157	99	70	<10/568	29/148	
	Sulfate (mg/L)	156	82	71	20/412	46/109	
Nutrients	Total Phosphorus (mg/L)	158	0.241	0.169	0.024/1.609	0.103/0.324	
	Total Nitrogen (mg/L)	157	1.36	1.13	0.28/4.27	0.80/1.73	
	Nitrate/Nitrite (mg/L)	97	0.18	0.11	<0.05/0.79	<0.05/0.31	
	Chlorophyll A (mg/m ³)	39	21.6	10.7	1.0/164.0	4.4/23.5	TSI=60.8
Bacteria	Enterococcus (cfu/100ml)(* -Geo. Mn.)	32	900	251	<10/17000	48/600	Mean > OWQS
	E. Coli (cfu/100ml)(* -Geo. Mn.)	32	222	64	<10/1986	28/285	

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