

Spring River at Quapaw



Sample Record		Biological Collections	Station ID
December 1998 – September 2019		Gaging Data	121600070010-001AT
Stream Data	County	Ottawa	Request Data By Email
	Location	East of the Town of Quapaw on E57 Rd	
	Latitude/Longitude	36.93462871, -94.74614371	
	Planning Watershed	Grand (8-digit HUC - 11070207)	

	Parameter (<i>Descriptions</i>)	n	Mean	Median	Min./Max	p25/p75	Comments
In-Situ	Water Temperature (°C)	155	17.4	17.4	1.0/32.1	10.5/24.4	
	Turbidity (NTU)	155	31	14	1/581	9/22	19% of values>OWQS
	pH (units)	154	7.89	7.94	6.64/8.92	7.71/8.08	
	Dissolved Oxygen (mg/L)	158	9.13	9.05	0.16/14.90	7.30/10.69	
	Hardness (mg/L)	155	159	165	17/258	144/180	
Minerals	Total Dissolved Solids (mg/L)	181	227	230	62/450	194/261	
	Specific Conductivity (uS/cm)	155	367	370	111/827	317/416	
	Chloride (mg/L)	122	14	13	<10/36	<10/17	
	Sulfate (mg/L)	121	36	34	18/80	28/42	
Nutrients	Total Phosphorus (mg/L)	159	0.196	0.175	0.048/0.640	0.132/0.244	
	Total Nitrogen (mg/L)	159	2.32	2.30	0.49/5.03	1.83/2.77	
	Nitrate/Nitrite (mg/L)	99	1.73	1.77	<0.05/3.27	1.18/2.20	
	Chlorophyll A (mg/m ³)	78	9.5	7.9	1.4/54.1	3.7/12.7	TSI=52.6
Bacteria	Enterococcus (cfu/100ml)(* -Geo. Mn.)	38	1716	17	<10/33000	<10/41	
	E. Coli (cfu/100ml)(* -Geo. Mn.)	38	167	20	<10/1733	<10/71	

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	S	S						S	U
Aesthetics													S
Agriculture						S		S	S				
Primary Body Contact Recreation										S			
Public & Private Water Supply					NEI		NEI			NEI			
Fish Consumption					S								

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

Notes

U = Assessment yielded undetermined supporting status