

Arkansas River at Bixby



Sample Record		Biological Collections	Station ID
November 1998 – September 2012		Gaging Data	120420010010-001AT
Stream Data	County	Tulsa	Request Data By Email
	Location	North of the Town of Bixby on US Highway 64	
	Latitude/Longitude	35.95585307, -95.88622562	
	Planning Watershed	Middle Arkansas (8-digit HUC - 11110101)	

	Parameter (<i>Descriptions</i>)	n	Mean	Median	Min./Max	p25/p75	Comments
In-Situ	Water Temperature (°C)	116	17.0	18.2	1.9/34.1	9.5/24.2	
	Turbidity (NTU)	117	44	20	4/638	12/39	19% of values>OWQS
	pH (units)	114	8.02	8.01	7.19/9.15	7.74/8.27	
	Dissolved Oxygen (mg/L)	120	9.86	9.44	3.90/23.03	7.39/11.38	
	Hardness (mg/L)	117	238	236	85/442	195/280	
Minerals	Total Dissolved Solids (mg/L)	170	898	874	59/2096	620/1132	
	Specific Conductivity (uS/cm)	116	1494	1442	92/3275	1014/1874	
	Chloride (mg/L)	117	322	272	66/863	220/391	
	Sulfate (mg/L)	117	125	114	29/1580	87/132	
Nutrients	Total Phosphorus (mg/L)	118	0.220	0.198	0.089/0.835	0.160/0.238	
	Total Nitrogen (mg/L)	116	1.45	1.38	0.28/3.56	1.13/1.69	
	Nitrate/Nitrite (mg/L)	56	0.72	0.62	<0.05/2.35	0.41/0.97	
	Chlorophyll A (mg/m ³)	33	17.2	8.7	0.9/167.0	5.5/14.8	TSI=58.5
Bacteria	Enterococcus (cfu/100ml)(* -Geo. Mn.)	28	357	109	<10/4000	39/304	
	E. Coli (cfu/100ml)(* -Geo. Mn.)	28	127	46	<10/836	18/152	

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						U	S	S
Aesthetics												S
Agriculture					S		S	S				
Secondary Body Contact Recreation									S			
Public & Private Water Supply				S		S			S			
Fish Consumption				S								
Notes		S = Fully Supporting NS = Not Supporting NEI = Not Enough Information U = Assessment yielded undetermined supporting status										