

Salt Fork of the Arkansas River at Tonkawa



Sample Record		Biological Collection	Station ID
October 2000 - Current		Gaging Data	621000010010-001AT
Stream Data	County	Kay	Request Data By Email
	Location	South of the Town of Tonkawa on US Highway 77	
	Latitude/Longitude	36.67070374, -97.30951657	
	Planning Watershed	Upper Arkansas (8-digit HUC - 11060004)	

	Parameter (<i>Descriptions</i>)	n	Mean	Median	Min./Max	p25/p75	Comments
In-Situ	Water Temperature (°C)	136	17.6	18.5	-0.9/36.6	9.4/25.6	
	Turbidity (NTU)	134	119	47	6/1000	22/129	35% of values>OWQS
	pH (units)	136	8.16	8.17	7.00/9.45	8.00/8.38	
	Dissolved Oxygen (mg/L)	136	10.53	10.22	3.77/24.35	8.24/12.86	
	Hardness (mg/L)	135	473	477	126/930	385/550	
Minerals	Total Dissolved Solids (mg/L)	186	2970	2518	361/10230	1766/3469	
	Specific Conductivity (uS/cm)	136	4684	4017	563/15758	2819/5425	
	Chloride (mg/L)	134	1374	1175	191/5320	717/1602	
	Sulfate (mg/L)	134	283	272	49/637	213/344	
Nutrients	Total Phosphorus (mg/L)	134	0.244	0.222	0.060/0.975	0.155/0.305	
	Total Nitrogen (mg/L)	134	1.54	1.43	0.34/4.11	1.18/1.75	
	Nitrate/Nitrite (mg/L)	93	0.11	<0.05	<0.05/0.68	<0.05/0.09	
	Chlorophyll A (mg/m ³)	71	62.3	50.3	2.7/262.0	30.2/77.5	TSI=71.1
Bacteria	Enterococcus (cfu/100ml)(* -Geo. Mn.)	27	7310	768	20/161000	250/1700	Mean>OWQS
	E. Coli (cfu/100ml)(* -Geo. Mn.)	28	463	40	<10/9804	<10/113	

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

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

Notes

Fish Consumption not supporting for Lead
 U = Assessment yielded undetermined supporting status