

Chikaskia River at Tonkawa



Sample Record		Biological Collections	Station ID
March 2013 – October 2019		Gaging Data	621100000010-002RS
Stream Data	County	Kay	Request Data by Email
	Location	Northeast of the Town of Tonkawa on W Fountain Rd	
	Latitude/Longitude	36.637358, -97.23295	
	Planning Watershed	Upper Arkansas (8-digit HUC - 11060005)	

	Parameter (<i>Descriptions</i>)	n	Mean	Median	Min./Max	p25/p75	Comments
In-Situ	Water Temperature (°C)	34	17.2	19.4	0.0/31.3	10.8/25.0	
	Turbidity (NTU)	33	98	35	6/1000	12/82	24% of values>OWQS
	pH (units)	34	8.07	8.09	7.28/8.62	7.93/8.27	
	Dissolved Oxygen (mg/L)	34	10.05	9.50	5.74/16.27	7.97/11.83	
	Hardness (mg/L)	33	367	392	114/518	308/450	
Minerals	Total Dissolved Solids (mg/L)	50	617	649	220/968	503/742	
	Specific Conductivity (uS/cm)	34	987	1026	191/1489	819/1155	
	Chloride (mg/L)	34	113	123	<10/238	75/150	
	Sulfate (mg/L)	34	145	150	63/257	116/172	
Nutrients	Total Phosphorus (mg/L)	34	0.253	0.201	0.027/1.113	0.087/0.304	
	Total Nitrogen (mg/L)	34	1.68	1.45	0.77/3.71	1.20/1.92	
	Nitrate/Nitrite (mg/L)	34	0.63	0.62	<0.05/1.81	0.15/1.01	
	Chlorophyll A (mg/m ³)	34	26.3	17.2	0.3/111.0	6.9/42.2	TSI=62.7
Bacteria	Enterococcus (cfu/100ml)(* -Geo. Mn.)	3	836	58	31/2420	44/1239	Mean>OWQS
	E. Coli (cfu/100ml)(* -Geo. Mn.)	3	154	<10	<10/461	<10/231	

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