

Salt Fork of the Arkansas River at Ingersoll



Sample Record		Biological Collections	Station ID
December 1998 - Current		Gaging Data	621010010160-001AT
Stream Data	County	Alfalfa	Request Data By Email
	Location	Northeast of the Town of Ingersoll on State Highway 58	
	Latitude/Longitude	36.82018011, -98.35994081	
	Planning Watershed	Upper Arkansas (8-digit HUC - 11060002)	

	Parameter (<i>Descriptions</i>)	n	Mean	Median	Min./Max	p25/p75	Comments
In-Situ	Water Temperature (°C)	152	17.8	18.1	-0.8/36.7	9.9/25.6	
	Turbidity (NTU)	154	90	37	1/1000	11/86	11% of values>OWQS
	pH (units)	150	7.94	7.96	7.15/8.42	7.83/8.09	
	Dissolved Oxygen (mg/L)	159	9.77	9.27	4.49/26.91	8.17/11.23	
	Hardness (mg/L)	151	905	900	432/1660	815/988	
Minerals	Total Dissolved Solids (mg/L)	215	1421	1419	520/3170	1269/1560	
	Specific Conductivity (uS/cm)	152	2047	2063	905/3688	1870/2234	
	Chloride (mg/L)	150	178	172	29/591	131/214	
	Sulfate (mg/L)	151	737	736	150/1130	665/824	
Nutrients	Total Phosphorus (mg/L)	152	0.099	0.058	<0.010/1.710	0.029/0.105	
	Total Nitrogen (mg/L)	151	1.12	0.86	0.28/18.71	0.70/1.09	
	Nitrate/Nitrite (mg/L)	88	0.34	0.32	<0.05/1.05	0.20/0.45	
	Chlorophyll A (mg/m ³)	58	6.4	4.2	<0.1/53.4	2.1/6.8	TSI=48.8
Bacteria	Enterococcus (cfu/100ml)(* -Geo. Mn.)	30	5432	1700	74/46080	395/5000	Mean>OWQS
	E. Coli (cfu/100ml)(* -Geo. Mn.)	30	1407	311	20/19863	121/1122	Mean>OWQS

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

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

Notes

U = Assessment yielded undetermined supporting status