

Canadian River at Purcell



Sample Record		Biological Collections	Station ID
February 1999 - Current		Gaging Data	520610010010-001AT
Stream Data	County	McClain	Request Data By Email
	Location	East of the Town of Purcell on US Highway 77	
	Latitude/Longitude	35.01433266, -97.35035449	
	Planning Watershed	Central (8-digit HUC - 11090202)	

	Parameter (<i>Descriptions</i>)	n	Mean	Median	Min./Max	p25/p75	Comments
In-Situ	Water Temperature (°C)	154	17.6	18.6	-2.3/34.4	11.0/24.9	
	Turbidity (NTU)	152	133	34	4/1000	16/123	
	pH (units)	153	8.36	8.27	7.36/9.85	8.09/8.58	
	Dissolved Oxygen (mg/L)	155	10.56	10.34	4.21/26.87	8.41/12.33	
	Hardness (mg/L)	155	435	441	74/990	302/556	
Minerals	Total Dissolved Solids (mg/L)	227	811	807	194/1804	608/1023	
	Specific Conductivity (uS/cm)	154	1258	1270	303/2215	946/1599	
	Chloride (mg/L)	156	138	132	20/419	95/180	
	Sulfate (mg/L)	156	292	286	41/972	194/367	
Nutrients	Total Phosphorus (mg/L)	160	0.544	0.423	0.011/2.765	0.281/0.631	
	Total Nitrogen (mg/L)	157	2.91	2.62	0.54/11.87	1.99/3.33	
	Nitrate/Nitrite (mg/L)	99	1.22	1.03	<0.05/9.69	0.39/1.59	
	Chlorophyll A (mg/m ³)	94	62.7	37.1	0.5/275.0	11.9/105.3	TSI=71.2
Bacteria	Enterococcus (cfu/100ml)(* -Geo. Mn.)	30	2480	322	<10/31700	93/907	
	E. Coli (cfu/100ml)(* -Geo. Mn.)	30	1028	36	<10/19863	15/493	

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		S	S	S	S						U
Aesthetics													NEI
Agriculture						S		S	S				
Primary Body Contact Recreation										S			
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