

Walnut Bayou at Burneyville



Sample Record		Biological Collections	Station ID
January 2013 – September 2019		Gaging Data	311100010250-001AT
Stream Data	County	Love	Request Data By Email
	Location	North of the Town of Burneyville on State Highway 96	
	Latitude/Longitude	33.916559, -97.282427	
	Planning Watershed	Lower Washita (8-digit HUC - 11130201)	

	Parameter (<i>Descriptions</i>)	n	Mean	Median	Min./Max	p25/p75	Comments	
Parameters	In-Situ	Water Temperature (°C)	25	18.7	20.5	4.6/33.7	12.0/25.5	
		Turbidity (NTU)	25	85	15	3/944	8/35	22% of values > OWQS
		pH (units)	25	7.94	7.97	7.38/8.36	7.76/8.07	
		Dissolved Oxygen (mg/L)	25	9.46	9.37	6.24/12.54	8.27/10.94	
		Hardness (mg/L)	25	278	259	123/685	189/319	
	Minerals	Total Dissolved Solids (mg/L)	38	452	417	<10/1610	339/473	
		Specific Conductivity (uS/cm)	25	765	745	234/1311	554/868	
		Chloride (mg/L)	27	91	75	17/218	53/109	
		Sulfate (mg/L)	27	73	59	27/178	48/86	
	Nutrients	Total Phosphorus (mg/L)	27	0.097	0.058	<0.010/0.427	0.038/0.097	
		Total Nitrogen (mg/L)	27	0.80	0.60	0.32/2.01	0.51/0.87	
		Nitrate/Nitrite (mg/L)	27	<0.05	<0.05	<0.05/0.23	<0.05/<0.05	
		Chlorophyll A (mg/m ³)	27	5.6	3.0	0.6/29.6	2.1/6.5	TSI=47.5
	Bacteria	Enterococcus (cfu/100ml)(* -Geo. Mn.)	4	735	231	60/2420	104/863	
		E. Coli (cfu/100ml)(* -Geo. Mn.)	4	239	68	<10/816	<10/301	

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