

Walnut Creek at Purcell



Sample Record		Biological Collections	Station ID
February 2015 – December 2017		Gaging Data	520610030010-001AT
Stream Data	County	McClain	Request Data By Email
	Location	South of the Town of Purcell on US Highway 77	
	Latitude/Longitude	34.99932, -97.366951	
	Planning Watershed	Central (8-digit HUC - 11090202)	

	Parameter (<i>Descriptions</i>)	n	Mean	Median	Min./Max	p25/p75	Comments
In-Situ	Water Temperature (°C)	17	21.7	21.3	9.0/34.4	16.3/26.9	
	Turbidity (NTU)	17	106	8	2/996	4/58	
	pH (units)	17	8.18	8.22	7.58/8.42	8.16/8.31	
	Dissolved Oxygen (mg/L)	17	9.28	8.83	6.46/12.55	8.11/10.48	
	Hardness (mg/L)	17	367	394	182/442	377/402	
Minerals	Total Dissolved Solids (mg/L)	24	455	462	239/589	431/524	
	Specific Conductivity (uS/cm)	17	762	831	367/906	788/867	
	Chloride (mg/L)	18	31	33	<10/46	29/34	
	Sulfate (mg/L)	18	51	51	30/64	49/55	
Nutrients	Total Phosphorus (mg/L)	18	0.094	0.039	0.017/0.484	0.026/0.119	
	Total Nitrogen (mg/L)	18	0.71	0.40	0.27/2.56	0.34/0.85	
	Nitrate/Nitrite (mg/L)	18	0.12	<0.05	<0.05/0.38	<0.05/0.21	
	Chlorophyll A (mg/m ³)	18	3.4	2.9	1.1/6.5	1.9/4.8	TSI=42.5
Bacteria	Enterococcus (cfu/100ml)(* -Geo. Mn.)	5	1214	816	121/2420	291/2420	
	E. Coli (cfu/100ml)(* -Geo. Mn.)	5	719	118	22/2420	23/1011	

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

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

Notes