

# Verdigris River at Lenapah



<b>Sample Record</b>		<a href="#">Biological Collections</a>	<b>Station ID</b>
December 1998 - Current		<a href="#">Gaging Data</a>	121510020010-001AT
<b>Stream Data</b>	County	Nowata	<a href="#">Request Data By Email</a>
	Location	East of the Town of Lenapah on State Highway 10	
	Latitude/Longitude	36.85121639, -95.58531345	
	Planning Watershed	Middle Arkansas (8-digit HUC - 11070103)	

	Parameter ( <i>Descriptions</i> )	n	Mean	Median	Min./Max	p25/p75	Comments
<b>In-Situ</b>	Water Temperature (°C)	156	17.0	17.8	0.7/33.7	10.0/25.0	
	Turbidity (NTU)	161	123	37	4/1000	17/102	65% of values > OWQS
	pH (units)	156	7.85	7.85	4.98/8.78	7.65/8.09	
	Dissolved Oxygen (mg/L)	159	9.22	8.62	3.83/18.49	7.07/11.15	
	Hardness (mg/L)	159	165	165	<10/300	135/197	
<b>Minerals</b>	Total Dissolved Solids (mg/L)	189	233	228	<10/490	173/290	
	Specific Conductivity (uS/cm)	154	372	373	<10/764	269/464	
	Chloride (mg/L)	121	20	14	<10/123	<10/22	
	Sulfate (mg/L)	120	38	34	12/97	28/43	
<b>Nutrients</b>	Total Phosphorus (mg/L)	161	0.167	0.101	0.019/1.220	0.066/0.177	
	Total Nitrogen (mg/L)	160	1.26	1.02	<0.10/4.55	0.78/1.49	
	Nitrate/Nitrite (mg/L)	101	0.38	0.31	<0.05/1.95	0.08/0.49	
	Chlorophyll A (mg/m <sup>3</sup> )	99	16.7	10.3	0.1/173.0	5.0/22.3	TSI=58.2
<b>Bacteria</b>	Enterococcus (cfu/100ml)(* -Geo. Mn.)	31	12433	67	<10/321000	25/644	Mean > OWQS
	E. Coli (cfu/100ml)(* -Geo. Mn.)	31	790	63	<10/6294	31/1108	

Beneficial Uses	Turbidity	pH	Dissolved Oxygen	Metals	Sulfates	Nitrates	Chlorides	Total Dissolved Solids	Bacteria	Bio. Fish	Bio. BMI	Sediment	Click to learn more about Beneficial Uses
Fish & Wildlife Propagation	NS	S	S	NS						S	S	S	
Aesthetics												S	
Agriculture					S		S	S					
Primary Body Contact Recreation									NS				
Public & Private Water Supply				NEI		NEI			NEI				
Fish Consumption				S									
<i>S = Fully Supporting</i> <i>NS = Not Supporting</i> <i>NEI = Not Enough Information</i>													<b>Notes</b> Fish & Wildlife Propagation not supporting for Lead