

# Neosho River at Commerce



<b>Sample Record</b>		<a href="#">Biological Collections</a>	<b>Station ID</b>
October 2000 – September 2019		<a href="#">Gaging Data</a>	121600040220-001AT
<b>Stream Data</b>	County	Ottawa	<a href="#">Request Data By Email</a>
	Location	West of the Town of Commerce on E60 Rd	
	Latitude/Longitude	36.92899836, -94.95707349	
	Planning Watershed	Grand (8-digit HUC - 11070206)	

	Parameter ( <i>Descriptions</i> )	n	Mean	Median	Min./Max	p25/p75	Comments
<b>In-Situ</b>	Water Temperature (°C)	133	16.7	17.5	0.3/33.2	8.7/25.0	
	Turbidity (NTU)	135	107	48	4/1000	24/87	21% of values>OWQS
	pH (units)	134	7.92	7.96	6.53/9.05	7.76/8.14	
	Dissolved Oxygen (mg/L)	134	9.21	8.54	3.34/15.43	7.31/11.37	
	Hardness (mg/L)	134	184	180	15/345	149/222	
<b>Minerals</b>	Total Dissolved Solids (mg/L)	142	251	251	52/578	194/306	
	Specific Conductivity (uS/cm)	134	388	387	81/701	303/468	
	Chloride (mg/L)	101	<10	<10	<10/20	<10/13	
	Sulfate (mg/L)	101	63	60	22/166	42/77	
<b>Nutrients</b>	Total Phosphorus (mg/L)	139	0.197	0.153	<0.010/1.040	0.101/0.248	
	Total Nitrogen (mg/L)	139	1.36	1.10	0.30/4.42	0.68/1.75	
	Nitrate/Nitrite (mg/L)	98	0.38	0.22	<0.05/3.59	<0.05/0.50	
	Chlorophyll A (mg/m <sup>3</sup> )	98	19.2	12.6	<0.1/200.0	6.2/22.2	TSI=59.6
<b>Bacteria</b>	Enterococcus (cfu/100ml)(* -Geo. Mn.)	38	7991	52	<10/282000	17/438	Mean>OWQS
	E. Coli (cfu/100ml)(* -Geo. Mn.)	38	472	31	<10/8074	<10/74	

<b>Beneficial Uses</b>	<a href="#">Click to learn more about Beneficial Uses</a>	Turbidity	pH	Dissolved Oxygen	Metals	Sulfates	Nitrates	Chlorides	Total Dissolved Solids	Bacteria	Bio. Fish	Bio. BMI	Sediment
	Fish & Wildlife Propagation		NS	S	S	NS						S	S
Aesthetics													S
Agriculture						S		S	S				
Primary Body Contact Recreation										NS			
Public & Private Water Supply					NEI		NEI			NEI			
Fish Consumption					NS								

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

**Notes**

Fish Consumption not supporting for Lead