

# Elm Fork of the Red River at Carl



<b>Sample Record</b>		<a href="#">Biological Collections</a>	<b>Station ID</b>
May 2006 – September 2018		<a href="#">Gaging Data</a>	31180000010-002RS
<b>Stream Data</b>	County	Harmon	<a href="#">Request Data By Email</a>
	Location	North of the Town of Carl on State Highway 30	
	Latitude/Longitude	35.011719, -99.903717	
	Planning Watershed	Southwest (8-digit HUC -11120304)	

	Parameter ( <i>Descriptions</i> )	n	Mean	Median	Min./Max	p25/p75	Comments
<b>In-Situ</b>	Water Temperature (°C)	118	20.2	22.0	-0.9/37.6	13.1/28.4	
	Turbidity (NTU)	122	47	5	1/>1000	3/8	
	pH (units)	117	7.81	7.90	6.80/8.54	7.71/8.02	
	Dissolved Oxygen (mg/L)	119	7.75	8.10	0.91/13.18	6.01/9.50	
	Hardness (mg/L)	123	4253	3200	856/13670	2593/4693	
<b>Minerals</b>	Total Dissolved Solids (mg/L)	232	47179	25950	900/270000	17178/55815	
	Specific Conductivity (uS/cm)	119	62653	39159	1678/235299	26428/81076	
	Chloride (mg/L)	129	29878	14200	313/181000	7780/31600	
	Sulfate (mg/L)	128	3788	1905	138/231001	1623/2253	
<b>Nutrients</b>	Total Phosphorus (mg/L)	65	0.035	<0.010	<0.010/0.945	<0.010/0.019	
	Total Nitrogen (mg/L)	75	1.62	1.33	0.43/4.78	1.11/1.80	
	Nitrate/Nitrite (mg/L)	75	0.32	0.20	<0.05/1.48	0.10/0.44	
	Chlorophyll A (mg/m <sup>3</sup> )	38	3.3	2.5	<0.1/21.9	1.6/3.1	TSI=42.3
<b>Bacteria</b>	Enterococcus (cfu/100ml)(* -Geo. Mn.)	5	485	<10	<10/2420	<10/<10	
	E. Coli (cfu/100ml)(* -Geo. Mn.)	5	<10	<10	<10/<10	<10/<10	Not Enough Samples

<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		S	S	NS	NS						NS	NS
Aesthetics													S
Agriculture						NS		NS	NS				
Primary Body Contact Recreation										NEI			
Public & Private Water Supply					NS		S			S			
Fish Consumption					S								
<i>S = Fully Supporting</i> <i>NS = Not Supporting</i> <i>NEI = Not Enough Information</i>		<b>Notes</b> <i>Fish &amp; Wildlife Propagation not supporting for Selenium</i> <i>Public &amp; Private Water Supply not supporting for Selenium</i>											