

# Mountain Fork River at Smithville



<b>Sample Record</b>		<a href="#">Biological Collections</a>	<b>Station ID</b>
November 1998 - Current		<a href="#">Gaging Data</a>	410210060010-001AT
<b>Stream Data</b>	County	McCurtain	<a href="#">Request Data by Email</a>
	Location	East of the Town of Smithville on State Highway 4	
	Latitude/Longitude	34.4616061, -94.63230583	
	Planning Watershed	Southeast (8-digit HUC - 11140108)	

	Parameter ( <i>Descriptions</i> )	n	Mean	Median	Min./Max	p25/p75	Comments	
<b>Parameters</b>	<b>In-Situ</b>	Water Temperature (°C)	217	18.3	19.0	0.5/33.5	11.0/26.1	
		Turbidity (NTU)	222	15	8	1/347	5/13	
		pH (units)	218	7.17	7.08	4.73/8.94	6.84/7.48	
		Dissolved Oxygen (mg/L)	222	8.98	8.70	3.66/19.00	7.49/10.39	
		Hardness (mg/L)	218	13	<10	<10/135	<10/13	
	<b>Minerals</b>	Total Dissolved Solids (mg/L)	240	26	25	<10/116	19/31	
		Specific Conductivity (uS/cm)	217	35	36	<10/180	30/42	
		Chloride (mg/L)	121	<10	<10	<10/28	<10/<10	
		Sulfate (mg/L)	120	<10	<10	<10/30	<10/<10	
	<b>Nutrients</b>	Total Phosphorus (mg/L)	213	0.029	0.022	<0.010/0.281	0.014/0.031	
Total Nitrogen (mg/L)		211	0.47	0.42	<0.10/2.09	0.30/0.54		
Nitrate/Nitrite (mg/L)		147	0.10	<0.05	<0.05/0.72	<0.05/0.15		
Chlorophyll A (mg/m <sup>3</sup> )		142	2.7	1.9	<0.1/15.8	0.9/3.6	TSI=40.3	
<b>Bacteria</b>	Enterococcus (cfu/100ml)(* -Geo. Mn.)	55	1243	<10	<10/57000	<10/56		
	E. Coli (cfu/100ml)(* -Geo. Mn.)	55	90	<10	<10/2420	<10/41		

<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	Total Phosphorus
		Fish & Wildlife Propagation	S	S	S	NS							S	S
Aesthetics													S	NEI
Agriculture						S		S	S					
Primary Body Contact Recreation										S				
Public & Private Water Supply					S		S			S				
Fish Consumption					S									

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

**Notes**

*Fish & Wildlife Propagation not supporting for Copper, Lead, Silver, and Zinc*