

Muddy Boggy Creek at Atoka



Sample Record		Biological Collections	Station ID
November 1998 - Current		Gaging Data	410400050270-001AT
Stream Data	County	Atoka	Request Data By Email
	Location	North of the Town of Atoka on US Highway 69	
	Latitude/Longitude	34.39420542, -96.12436418	
	Planning Watershed	Blue-Boggy (8-digit HUC -11140103)	

	Parameter (<i>Descriptions</i>)	n	Mean	Median	Min./Max	p25/p75	Comments
In-Situ	Water Temperature (°C)	158	17.6	17.6	1.7/32.1	10.3/25.0	
	Turbidity (NTU)	157	134	75	5/>1000	38/145	
	pH (units)	158	7.33	7.37	5.92/8.31	7.12/7.54	
	Dissolved Oxygen (mg/L)	162	7.57	6.94	2.97/34.62	5.39/9.34	19% of values<OWQS and 6% of values<alt OWQS
	Hardness (mg/L)	157	89	85	24/290	65/108	
Minerals	Total Dissolved Solids (mg/L)	194	169	160	40/485	104/214	
	Specific Conductivity (uS/cm)	157	252	225	62/757	154/314	
	Chloride (mg/L)	122	21	15	<10/148	<10/24	
	Sulfate (mg/L)	122	54	47	16/134	37/64	
Nutrients	Total Phosphorus (mg/L)	161	0.134	0.103	<0.010/0.632	0.068/0.161	
	Total Nitrogen (mg/L)	160	1.08	0.98	0.36/4.21	0.76/1.31	
	Nitrate/Nitrite (mg/L)	100	0.12	0.09	<0.05/0.70	<0.05/0.18	
	Chlorophyll A (mg/m ³)	58	11.0	6.0	<0.1/72.4	2.7/15.4	TSI=54.2
Bacteria	Enterococcus (cfu/100ml)(* -Geo. Mn.)	45	884	100	<10/19863	43/800	Mean>OWQS
	E. Coli (cfu/100ml)(* -Geo. Mn.)	45	854	56	<10/19863	20/292	

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		S	S	NEI	NS						S	NEI
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 & Wildlife Propagation not supporting for Lead
 Fish Consumption not supporting for Lead