



Big Creek Downstream of Pearl Road
7/23/2021 10:42:00 AM
River Mile: 9.80
Collection Method: Longline Electrofishing
Drainage Area: 5.7 square miles
0.09 km
IBI Type: Headwaters

Code	Species	No.	Pollution Tolerance	DELT Anomalies	
				#	Description
43-011	<i>Rhinichthys atratulus</i> Blacknose dace	925	Tolerant	0	--
43-013	<i>Semotilus atromaculatus</i> Creek chub	164	Tolerant	0	--
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	481	--	0	--
77-008	<i>Lepomis cyanellus</i> Green sunfish	3	Tolerant	0	--
Totals		1573		0	

*DELT anomalies were observed on = 0 % of the fish collected

Index of Biotic Integrity (IBI) = 30 (Fair)



Big Creek Downstream of Pearl Road
9/30/2021 10:21:00 AM
River Mile: 9.80
Collection Method: Longline Electrofishing
Drainage Area: 5.7 square miles
0.09 km
IBI Type: Headwaters

Code	Species	No.	Pollution Tolerance	DELT Anomalies	
				#	Description
43-011	<i>Rhinichthys atratulus</i> Blacknose dace	863	Tolerant	0	--
43-013	<i>Semotilus atromaculatus</i> Creek chub	208	Tolerant	0	--
43-043	<i>Pimephales notatus</i> Bluntnose minnow	1	Tolerant	0	--
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	108	--	0	--
Totals		1180		0	

*DELT anomalies were observed on = 0 % of the fish collected

Index of Biotic Integrity (IBI) = 28 (Fair)



Big Creek Memphis Picnic Area, Upstream of West Branch
Confluence (Site 26)
6/23/2021 9:39:00 AM
River Mile: 4.40
Collection Method: Longline Electrofishing
Drainage Area: 19.3 square miles
0.15 km
IBI Type: Headwaters

Code	Species	No.	Pollution Tolerance	DELT Anomalies	
				#	Description
43-011	<i>Rhinichthys atratulus</i> Blacknose dace	164	Tolerant	0	--
43-013	<i>Semotilus atromaculatus</i> Creek chub	181	Tolerant	0	--
43-033	<i>Notropis dorsalis</i> Bigmouth shiner	19	--	0	--
43-034	<i>Notropis stramineus</i> Sand shiner	88	Moderately Intolerant	0	--
43-042	<i>Pimephales promelas</i> Northern fathead minnow	1	Tolerant	0	--
43-043	<i>Pimephales notatus</i> Bluntnose minnow	24	Tolerant	0	--
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	280	--	0	--
77-008	<i>Lepomis cyanellus</i> Green sunfish	1	Tolerant	0	--
Totals		758		0	

*DELT anomalies were observed on = 0 % of the fish collected

Index of Biotic Integrity (IBI) = 34 (Fair)



Big Creek Memphis Picnic Area, Upstream of West Branch
Confluence (Site 26)
7/26/2021 1:51:00 PM
River Mile: 4.40
Collection Method: Longline Electrofishing
Drainage Area: 19.3 square miles
0.15 km
IBI Type: Headwaters

Code	Species	No.	Pollution Tolerance	DELT Anomalies	
				#	Description
40-016	<i>Catostomus commersonii</i> Common white sucker	7	Tolerant	0	--
43-011	<i>Rhinichthys atratulus</i> Blacknose dace	183	Tolerant	0	--
43-013	<i>Semotilus atromaculatus</i> Creek chub	596	Tolerant	0	--
43-033	<i>Notropis dorsalis</i> Bigmouth shiner	35	--	0	--
43-034	<i>Notropis stramineus</i> Sand shiner	50	Moderately Intolerant	0	--
43-043	<i>Pimephales notatus</i> Bluntnose minnow	35	Tolerant	0	--
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	634	--	0	--
47-004	<i>Ictalurus natalis</i> Yellow bullhead	1	Tolerant	0	--
Totals		1541		0	

*DELT anomalies were observed on = 0 % of the fish collected

Index of Biotic Integrity (IBI) = 28 (Fair)



Stickney Creek RM 1.15 Upstream of Ridge Road
6/23/2021 1:30:00 PM
River Mile: 1.15
Collection Method: Longline Electrofishing
Drainage Area: 3.2 square miles
0.15 km
IBI Type: Headwaters

Code	Species	No.	Pollution Tolerance	DELT Anomalies	
				#	Description
40-016	<i>Catostomus commersonii</i> Common white sucker	383	Tolerant	0	--
43-011	<i>Rhinichthys atratulus</i> Blacknose dace	108	Tolerant	0	--
43-013	<i>Semotilus atromaculatus</i> Creek chub	601	Tolerant	0	--
43-043	<i>Pimephales notatus</i> Bluntnose minnow	84	Tolerant	0	--
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	1743	--	1	Deformities
Totals		2919		1	

*DELT anomalies were observed on = 0.0 % of the fish collected

Index of Biotic Integrity (IBI) = 32 (Fair)



Stickney Creek RM 1.15 Upstream of Ridge Road
7/26/2021 10:12:00 AM
River Mile: 1.15
Collection Method: Longline Electrofishing
Drainage Area: 3.2 square miles
0.15 km
IBI Type: Headwaters

Code	Species	No.	Pollution Tolerance	DELT Anomalies	
				#	Description
40-016	<i>Catostomus commersonii</i> Common white sucker	215	Tolerant	0	--
43-011	<i>Rhinichthys atratulus</i> Blacknose dace	87	Tolerant	0	--
43-013	<i>Semotilus atromaculatus</i> Creek chub	1140	Tolerant	0	--
43-043	<i>Pimephales notatus</i> Bluntnose minnow	180	Tolerant	0	--
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	2346	--	0	--
Totals		3968		0	

*DELT anomalies were observed on = 0 % of the fish collected

Index of Biotic Integrity (IBI) = 32 (Fair)