

**Big Creek Snow & Pearl Branch**

**River Mile: 0.20**

**Drainage Area: 2.5 miles<sup>2</sup>**

**OEPA**

<b>Taxa Code</b>	<b>Species</b>	<b>Number</b>	
		<b>HD</b>	<b>Qual</b>
1801	Turbellaria	43	+
3600	Oligochaeta	268	+
4664	Helobdella stagnalis	1	+
4960	Erpobdella sp (= Mooreobdella)	9	+
5800	Caecidotea sp	50	+
6700	Crangonyx sp	2	+
11120	Baetis flavistriga	38	+
21200	Calopteryx sp	5	+
21300	Hetaerina sp		+
22001	Coenagrionidae		+
50301	Chimarra aterrima		+
50315	Chimarra obscura		+
52200	Cheumatopsyche sp	17	+
52431	Ceratopsyche morosa	1	+
52530	Hydropsyche depravata group	6	+
68300	Cyphon sp		+
74100	Simulium sp		+
77120	Ablabesmyia mallochii		+
78450	Nilotanytus fimbriatus	36	
79100	Thienemannimyia group	84	
80370	Corynoneura lobata	152	
80470	Cricotopus (C.) or Orthocladius (O.) sp	7	
80510	Cricotopus (Isocladius) sylvestris group	7	
82141	Thienemanniella xena	84	
83040	Dicrotendipes neomodestus	14	
83051	Dicrotendipes simpsoni	7	
83300	Glyptotendipes (G.) sp	35	
84210	Paratendipes albimanus or P. duplicatus	7	
84315	Phaenopsectra flavipes	21	
84450	Polypedilum (Uresipedilum) flavum	133	+
84470	Polypedilum (P.) illinoense	28	
84700	Stenochironomus sp	21	
85500	Paratanytarsus sp	84	
85625	Rheotanytarsus sp	35	
85800	Tanytarsus sp	140	
85840	Tanytarsus sepp	28	
87540	Hemerodromia sp	3	
95900	Gyraulus sp	8	
96900	Ferrissia sp	1	
98600	Sphaerium sp		+
	Number of Organisms	1375	
	ICI Score	32	
	Number of Quantitative Taxa	32	
	Number of Qualitative Taxa	20	
	Number of Qualitative EPT Taxa	6	
	Total Number of Taxa	40	

## Stickney Creek South of Memphis Avenue

River Mile: **0.15**  
 Drainage Area: **15.8 miles<sup>2</sup>**

### OEPA

Taxa Code	Species	Number	
		HD	Qual
1801	Turbellaria	177	+
3600	Oligochaeta	146	+
4935	Erpobdella punctata punctata	1	+
4960	Erpobdella sp (= Mooreobdella)	1	
5800	Caecidotea sp		+
6700	Crangonyx sp		+
11120	Baetis flavistriga	11	+
11130	Baetis intercalaris		+
21200	Calopteryx sp		+
22001	Coenagrionidae		+
28955	Plathemis lydia		+
52200	Cheumatopsyche sp	15	+
52431	Ceratopsyche morosa		+
52450	Ceratopsyche sparna		+
52530	Hydropsyche depravata group	10	+
53800	Hydroptila sp	9	+
60900	Peltodytes sp		+
70600	Antocha sp	3	
72700	Anopheles sp		+
74100	Simulium sp		+
77120	Ablabesmyia mallochi	14	+
79100	Thienemannimyia group	383	+
80310	Cardiocladius obscurus		+
80370	Corynoneura lobata	30	
80420	Cricotopus (C.) bicinctus	14	
80430	Cricotopus (C.) tremulus group	99	
80470	Cricotopus (C.) or Orthocladius (O.) sp		+
81231	Nanocladius (N.) crassicornus or N. (N.) "rectinervis"	28	
82820	Cryptochironomus sp		+
83040	Dicrotendipes neomodestus	113	
84450	Polypedilum (Uresipedilum) flavum	57	+
84470	Polypedilum (P.) illinoense		+
84540	Polypedilum (Tripodura) scalaenum group	14	+
85500	Paratanytarsus sp	142	+
85821	Tanytarsus glabrescens group sp 7	581	+
85840	Tanytarsus sepp	28	

Number of Organisms	1876
ICI Score	28
Number of Quantitative Taxa	21
Number of Qualitative Taxa	28
Number of Qualitative EPT Taxa	7
Total Number of Taxa	36

**Big Creek West Branch**

**River Mile: 0.02**  
**Drainage Area: 11.9 miles<sup>2</sup>**

**OEPA**

<b>Taxa Code</b>	<b>Species</b>	Qualitative <u>EPT Taxa</u>	Qualitative <u>Taxa</u>	Coldwater <u>Taxa</u>	Pollution <u>Tolerance</u>
1801	Turbellaria		y		F
3600	Oligochaeta		y		T
4664	Helobdella stagnalis		y		T
4935	Erpobdella punctata punctata		y		MT
5800	Caecidotea sp		y		T
11120	Baetis flavistriga	y	y		F
21200	Calopteryx sp		y		F
22001	Coenagrionidae		y		T
23600	Aeshna sp		y		MT
28705	Pachydiplax longipennis		y		T
28955	Plathemis lydia		y		T
79100	Thienemannimyia group		y		F
80470	Cricotopus (C.) or Orthocladius (O.) sp		y		
84470	Polypedilum (P.) illinoense		y		T
84540	Polypedilum (Tripodura) scalaenum group		y		F
85500	Paratanytarsus sp		y		F
		1	16	0	

**Big Creek**

**River Mile: 9.80**  
**Drainage Area: 5.6 miles<sup>2</sup>**

**OEPA**

<b>Taxa</b>		Qualitative	Qualitative	Coldwater	Pollution
<b>Code</b>	<b>Species</b>	<u>EPT Taxa</u>	<u>Taxa</u>	<u>Taxa</u>	<u>Tolerance</u>
1801	Turbellaria		y		F
5800	Caecidotea sp		y		T
11120	Baetis flavistriga	y	y		F
21200	Calopteryx sp		y		F
52200	Cheumatopsyche sp	y	y		F
52450	Ceratopsyche sparna	y	y		F
52530	Hydropsyche depravata group	y	y		F
79100	Thienemannimyia group		y		F
80420	Cricotopus (C.) bicinctus		y		T
80430	Cricotopus (C.) tremulus group		y		MT
82770	Chironomus (C.) riparius group		y		T
95100	Physella sp		y		T
		<hr/>	<hr/>	<hr/>	
		4	12	0	

### Big Creek at Memphis Park

**River Mile: 4.40**  
**Drainage Area: 19.3 miles<sup>2</sup>**

**OEPA**

<b>Taxa Code</b>	<b>Species</b>	Qualitative <u>EPT Taxa</u>	Qualitative <u>Taxa</u>	Coldwater <u>Taxa</u>	Pollution <u>Tolerance</u>
1801	Turbellaria		y		F
3600	Oligochaeta		y		T
4960	Erpobdella sp (= Mooreobdella)		y		MT
5800	Caecidotea sp		y		T
6700	Crangonyx sp		y		MT
11120	Baetis flavistriga	y	y		F
11130	Baetis intercalaris	y	y		F
21200	Calopteryx sp		y		F
21300	Hetaerina sp		y		F
27000	Corduliidae or Libellulidae		y		
50301	Chimarra aterrima	y	y		MI
52200	Cheumatopsyche sp	y	y		F
52431	Ceratopsyche morosa	y	y		MI
52450	Ceratopsyche sparna	y	y		F
52530	Hydropsyche depravata group	y	y		F
69400	Stenelmis sp		y		F
71900	Tipula sp		y		F
74100	Simulium sp		y		F
77120	Ablabesmyia mallochi		y		F
78655	Procladius (Holotanypus) sp		y		MT
79100	Thienemannimyia group		y		F
80420	Cricotopus (C.) bicinctus		y		T
80430	Cricotopus (C.) tremulus group		y		MT
81825	Rheocricotopus (Psilocricotopus) robacki		y		F
83040	Dicrotendipes neomodestus		y		F
84440	Polypedilum (Uresipedilum) aviceps		y	y	MI
84470	Polypedilum (P.) illinoense		y		T
84540	Polypedilum (Tripodura) scalaenum group		y		F
		7	28	1	

**Big Creek**

**River Mile: 0.15**  
**Drainage Area: 37.1 miles<sup>2</sup>**

**OEPA**

<b>Taxa Code</b>	<b>Species</b>	<u>Qualitative EPT Taxa</u>	<u>Qualitative Taxa</u>	<u>Coldwater Taxa</u>	<u>Pollution Tolerance</u>
1801	Turbellaria		y		F
3600	Oligochaeta		y		T
4935	Erpobdella punctata punctata		y		MT
5800	Caecidotea sp		y		T
6700	Crangonyx sp		y		MT
11120	Baetis flavistriga	y	y		F
11130	Baetis intercalaris	y	y		F
22001	Coenagrionidae		y		T
22300	Argia sp		y		F
52530	Hydropsyche depravata group	y	y		F
77120	Ablabesmyia mallochi		y		F
80430	Cricotopus (C.) tremulus group		y		MT
84470	Polypedilum (P.) illinoense		y		T
84540	Polypedilum (Tripodura) scalaenum group		y		F
85840	Tanytarsus sepp		y		F
87601	Dolichopodidae		y		MT
		3	16	0	