



Big Creek Downstream of Pearl Road
9/4/2024
River Mile: 9.80
Collection Method: Hester-Dendy
Drainage Area: 5.7 square miles
ICI Report

OEPA Taxa		<u>Number</u>	
Code	Species	HD	Qual
00401	<i>Spongillidae</i>		+
01801	<i>Turbellaria</i>	291	+
03600	<i>Oligochaeta</i>	458	+
04960	<i>Erpobdella</i> sp (= <i>Mooreobdella</i>)	1	+
05800	<i>Caecidotea</i> sp	12	+
06700	<i>Crangonyx</i> sp		+
08601	<i>Hydrachnidia</i>	2	+
11020	<i>Acerpenna pygmaea</i>		+
11115	<i>Baetis tricaudatus</i>		+
11120	<i>Baetis flavistriga</i>	1	+
11130	<i>Baetis intercalaris</i>		+
13521	<i>Stenonema femoratum</i>	2	+
21200	<i>Calopteryx</i> sp		+
22001	<i>Coenagrionidae</i>		+
22300	<i>Argia</i> sp		+
50301	<i>Chimarra aterrima</i>		+
50315	<i>Chimarra obscura</i>		+
52200	<i>Cheumatopsyche</i> sp	7	+
52430	<i>Hydropsyche</i> (= <i>Ceratopsyche</i>) <i>morosa</i> group	2	
52530	<i>Hydropsyche depravata</i> group	11	+
53800	<i>Hydroptila</i> sp	76	+
69400	<i>Stenelmis</i> sp		+
70600	<i>Antocha</i> sp	5	+
71900	<i>Tipula</i> sp		+
74100	<i>Simulium</i> sp		+
77750	<i>Thienemannimyia</i> sp	300	+
78450	<i>Nilotanytus fimbriatus</i>	40	
80420	<i>Cricotopus</i> (C.) <i>bicinctus</i>		+
80430	<i>Cricotopus</i> (C.) <i>tremulus</i> group	413	+
80470	<i>Cricotopus</i> (C.) or <i>Orthocladus</i> (O.) sp		+
82141	<i>Thienemanniella xena</i>	72	+
82820	<i>Cryptochironomus</i> sp		+
83040	<i>Dicrotendipes neomodestus</i>	38	+
84210	<i>Paratendipes albimanus</i> or <i>P. duplicatus</i>	75	



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84450	<i>Polypedilum (Uresipedilum) flavum</i>	38	+
84460	<i>Polypedilum (P.) fallax group</i>	38	
84540	<i>Polypedilum (Tripodura) scalaenum group</i>		+
85500	<i>Paratanytarsus sp</i>	2103	+
85821	<i>Tanytarsus glabrescens group sp 7</i>	638	+
85840	<i>Tanytarsus sepp</i>	38	+
89501	<i>Ephydridae</i>		+
95900	<i>Gyraulus sp</i>	8	+
96900	<i>Ferrissia sp</i>	7	

Number of Organisms 4676

ICI Score 40 (Good)

Number of Quantitative Taxa 25

Number of Qualitative Taxa. 38

Number of Qualitative EPT Taxa 10

Total Number of Taxa 43



Big Creek Memphis Picnic Area, Upstream of West Branch Confluence
 9/5/2024 River Mile: 4.40
 Collection Method: Kick-Net
 Drainage Area: 19.3 square miles
 ICI Report

OEPA Taxa		<u>Number</u>	
Code	Species	HD	Qual
00401	<i>Spongillidae</i>		+
01801	<i>Turbellaria</i>		+
03600	<i>Oligochaeta</i>		+
04935	<i>Erpobdella punctata punctata</i>		+
05800	<i>Caecidotea sp</i>		+
06700	<i>Crangonyx sp</i>		+
08200	<i>Faxonius sp</i>		+
08601	<i>Hydrachnidia</i>		+
11120	<i>Baetis flavistriga</i>		+
11130	<i>Baetis intercalaris</i>		+
13521	<i>Stenonema femoratum</i>		+
21200	<i>Calopteryx sp</i>		+
21300	<i>Hetaerina sp</i>		+
49200	<i>Climacia areolaris</i>		+
50301	<i>Chimarra aterrima</i>		+
50315	<i>Chimarra obscura</i>		+
52200	<i>Cheumatopsyche sp</i>		+
52430	<i>Hydropsyche (=Ceratopsyche) morosa group</i>		+
52450	<i>Hydropsyche (=Ceratopsyche) sparna</i>		+
52530	<i>Hydropsyche depravata group</i>		+
74100	<i>Simulium sp</i>		+
77120	<i>Ablabesmyia mallochii</i>		+
77750	<i>Thienemannimyia sp</i>		+
80420	<i>Cricotopus (C.) bicinctus</i>		+
80430	<i>Cricotopus (C.) tremulus group</i>		+
80470	<i>Cricotopus (C.) or Orthocladius (O.) sp</i>		+
82141	<i>Thienemanniella xena</i>		+
82820	<i>Cryptochironomus sp</i>		+
83040	<i>Dicrotendipes neomodestus</i>		+
84450	<i>Polypedilum (Uresipedilum) flavum</i>		+
84470	<i>Polypedilum (P.) illinoense</i>		+
85500	<i>Paratanytarsus sp</i>		+
85821	<i>Tanytarsus glabrescens group sp 7</i>		+
96900	<i>Ferrissia sp</i>		+



Big Creek Memphis Picnic Area, Upstream of West Branch Confluence
9/5/2024
River Mile: 4.40
Collection Method: Kick-Net
Drainage Area: 19.3 square miles
ICI Report

Number of Qualitative Taxa.	34
Number of Qualitative EPT Taxa	9



Big Creek Downstream of John Nagy Drop Structure
9/26/2024
River Mile: 2.40
Collection Method: Hester-Dendy
Drainage Area: 33.8 square miles
ICI Report

OEPA Taxa		<u>Number</u>	
Code	Species	HD	Qual
00401	<i>Spongillidae</i>		+
01801	<i>Turbellaria</i>	1114	+
03600	<i>Oligochaeta</i>	501	+
04935	<i>Erpobdella punctata punctata</i>	7	+
05800	<i>Caecidotea sp</i>	452	+
06700	<i>Crangonyx sp</i>	21	+
08601	<i>Hydrachnidia</i>	1	+
11120	<i>Baetis flavistriga</i>	7	+
11130	<i>Baetis intercalaris</i>	8	+
13521	<i>Stenonema femoratum</i>		+
17200	<i>Caenis sp</i>		+
21200	<i>Calopteryx sp</i>		+
42700	<i>Belostoma sp</i>		+
50315	<i>Chimarra obscura</i>		+
52200	<i>Cheumatopsyche sp</i>	718	+
52430	<i>Hydropsyche (=Ceratopsyche) morosa group</i>	12	+
52530	<i>Hydropsyche depravata group</i>	127	+
52570	<i>Hydropsyche simulans</i>	18	
53800	<i>Hydroptila sp</i>	1	+
69400	<i>Stenelmis sp</i>		+
71900	<i>Tipula sp</i>		+
72700	<i>Anopheles sp</i>		+
74100	<i>Simulium sp</i>		+
74501	<i>Ceratopogonidae</i>		+
77750	<i>Thienemannimyia sp</i>	242	+
78450	<i>Nilotanytus fimbriatus</i>	4	
80412	<i>Cricotopus (Isocladius) sp "Santa Fe" (sensu Epler, 2001)</i>		+
80420	<i>Cricotopus (C.) bicinctus</i>	145	+
80430	<i>Cricotopus (C.) tremulus group</i>	10	+
80440	<i>Cricotopus (C.) trifascia</i>	48	+
80510	<i>Cricotopus (Isocladius) sylvestris group</i>		+
81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	29	+
82141	<i>Thienemanniella xena</i>	16	+



Big Creek Downstream of John Nagy Drop Structure
9/26/2024
River Mile: 2.40
Collection Method: Hester-Dendy
Drainage Area: 33.8 square miles
ICI Report

82220	<i>Tvetenia discoloripes group</i>	10	+
83040	<i>Dicrotendipes neomodestus</i>	10	
84450	<i>Polypedilum (Uresipedilum) flavum</i>	87	+
84470	<i>Polypedilum (P.) illinoense</i>	19	+
84960	<i>Pseudochironomus sp</i>	10	+
85500	<i>Paratanytarsus sp</i>	68	
85625	<i>Rheotanytarsus sp</i>	10	
85821	<i>Tanytarsus glabrescens group sp 7</i>	126	+
93900	<i>Elimia sp</i>		+

Number of Organisms 3821

ICI Score 30 (Marginally Good)

Number of Quantitative Taxa 28

Number of Qualitative Taxa. 37

Number of Qualitative EPT Taxa 9

Total Number of Taxa 42



Big Creek Downstream From Jennings Road
9/4/2024
River Mile: 0.15
Collection Method: Kick-Net
Drainage Area: 37.10 square miles
ICI Report

OEPA Taxa		<u>Number</u>	
Code	Species	HD	Qual
01801	<i>Turbellaria</i>		+
03600	<i>Oligochaeta</i>		+
04664	<i>Helobdella stagnalis</i>		+
04960	<i>Erpobdella</i> sp (= <i>Mooreobdella</i>)		+
05800	<i>Caecidotea</i> sp		+
06201	<i>Hyalella</i> sp		+
06810	<i>Gammarus fasciatus</i>		+
11130	<i>Baetis intercalaris</i>		+
12501	<i>Heptageniidae</i>		+
21300	<i>Hetaerina</i> sp		+
22001	<i>Coenagrionidae</i>		+
60900	<i>Peltodytes</i> sp		+
77120	<i>Ablabesmyia mallochi</i>		+
77750	<i>Thienemannimyia</i> sp		+
80420	<i>Cricotopus</i> (C.) <i>bicinctus</i>		+
80430	<i>Cricotopus</i> (C.) <i>tremulus</i> group		+
80470	<i>Cricotopus</i> (C.) or <i>Orthocladius</i> (O.) sp		+
80510	<i>Cricotopus</i> (<i>Isocladius</i>) <i>sylvestris</i> group		+
82730	<i>Chironomus</i> (C.) <i>decorus</i> group		+
83040	<i>Dicrotendipes neomodestus</i>		+
84450	<i>Polypedilum</i> (<i>Uresipedilum</i>) <i>flavum</i>		+
84470	<i>Polypedilum</i> (P.) <i>illinoense</i>		+
84540	<i>Polypedilum</i> (<i>Tripodura</i>) <i>scalaenum</i> group		+
85500	<i>Paratanytarsus</i> sp		+
85821	<i>Tanytarsus glabrescens</i> group sp 7		+
85840	<i>Tanytarsus sepp</i>		+
96900	<i>Ferrissia</i> sp		+

Number of Qualitative Taxa 27

Number of Qualitative EPT Taxa 2



Big Creek Tributary at RM 7.78 (Snow & Pearl Branch)
 9/4/2024
 River Mile: 0.20
 Collection Method: Kick-Net
 Drainage Area: 2.5 square miles
 ICI Report

OEPA Taxa		<u>Number</u>	
Code	Species	HD	Qual
01801	<i>Turbellaria</i>		+
03600	<i>Oligochaeta</i>		+
04960	<i>Erpobdella</i> sp (= <i>Mooreobdella</i>)		+
05800	<i>Caecidotea</i> sp		+
06700	<i>Crangonyx</i> sp		+
08200	<i>Faxonius</i> sp		+
11120	<i>Baetis flavistriga</i>		+
11130	<i>Baetis intercalaris</i>		+
13521	<i>Stenonema femoratum</i>		+
50315	<i>Chimarra obscura</i>		+
52200	<i>Cheumatopsyche</i> sp		+
52430	<i>Hydropsyche</i> (= <i>Ceratopsyche</i>) <i>morosa</i> group		+
52530	<i>Hydropsyche depravata</i> group		+
69400	<i>Stenelmis</i> sp		+
72700	<i>Anopheles</i> sp		+
74100	<i>Simulium</i> sp		+
77750	<i>Thienemannimyia</i> sp		+
78450	<i>Nilotanytus fimbriatus</i>		+
80350	<i>Corynoneura</i> sp		+
83040	<i>Dicrotendipes neomodestus</i>		+
84450	<i>Polypedilum (Uresipedilum) flavum</i>		+

Number of Qualitative Taxa 21

Number of Qualitative EPT Taxa 7



Big Creek West Branch (Ford Branch) Downstream of Memphis Ave
9/5/2024
River Mile: 0.02
Collection Method: Kick-Net
Drainage Area: 11.9 square miles
ICI Report

OEPA Taxa		<u>Number</u>	
Code	Species	HD	Qual
00401	<i>Spongillidae</i>		+
01801	<i>Turbellaria</i>		+
03600	<i>Oligochaeta</i>		+
04664	<i>Helobdella stagnalis</i>		+
04666	<i>Helobdella papillata</i>		+
05800	<i>Caecidotea sp</i>		+
06700	<i>Crangonyx sp</i>		+
11120	<i>Baetis flavistriga</i>		+
21200	<i>Calopteryx sp</i>		+
22001	<i>Coenagrionidae</i>		+
23600	<i>Aeshna sp</i>		+
49200	<i>Climacia areolaris</i>		+
52200	<i>Cheumatopsyche sp</i>		+
52530	<i>Hydropsyche depravata group</i>		+
52570	<i>Hydropsyche simulans</i>		+
74100	<i>Simulium sp</i>		+
77120	<i>Ablabesmyia mallochi</i>		+
77750	<i>Thienemannimyia sp</i>		+
80430	<i>Cricotopus (C.) tremulus group</i>		+
83040	<i>Dicrotendipes neomodestus</i>		+
84470	<i>Polypedilum (P.) illinoense</i>		+
84540	<i>Polypedilum (Tripodura) scalaenum group</i>		+
85625	<i>Rheotanytarsus sp</i>		+
93900	<i>Elimia sp</i>		+
95900	<i>Gyraulus sp</i>		+

Number of Qualitative Taxa. 25

Number of Qualitative EPT Taxa 4



Stickney Creek Upstream of Ridge Road
9/3/2024
River Mile: 1.15
Collection Method: Hester-Dendy
Drainage Area: 3.2 square miles
ICI Report

OEPA Taxa		<u>Number</u>	
Code	Species	HD	Qual
00401	<i>Spongillidae</i>		+
01801	<i>Turbellaria</i>	1758	
03600	<i>Oligochaeta</i>	559	+
04664	<i>Helobdella stagnalis</i>		+
04701	<i>Piscicolidae</i>	1	
04935	<i>Erpobdella punctata punctata</i>	1	+
06700	<i>Crangonyx sp</i>	1	+
11120	<i>Baetis flavistriga</i>	24	
11130	<i>Baetis intercalaris</i>	1	
13561	<i>Maccaffertium pulchellum</i>	1	
21200	<i>Calopteryx sp</i>		+
22001	<i>Coenagrionidae</i>		+
22300	<i>Argia sp</i>		+
23600	<i>Aeshna sp</i>		+
28955	<i>Plathemis lydia</i>		+
49200	<i>Climacia areolaris</i>		+
74100	<i>Simulium sp</i>		+
77750	<i>Thienemannimyia sp</i>	14	+
80420	<i>Cricotopus (C.) bicinctus</i>	41	+
80430	<i>Cricotopus (C.) tremulus group</i>	124	
81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	28	
82100	<i>Thienemanniella sp</i>	8	
83040	<i>Dicrotendipes neomodestus</i>	55	
83840	<i>Microtendipes pedellus group</i>	14	
84315	<i>Phaenopsectra flavipes</i>	28	
84470	<i>Polypedilum (P.) illinoense</i>	28	+
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	14	
84888	<i>Xenochironomus xenolabis</i>		+
85500	<i>Paratanytarsus sp</i>	165	
85625	<i>Rheotanytarsus sp</i>	28	
85821	<i>Tanytarsus glabrescens group sp 7</i>	799	+
85840	<i>Tanytarsus sepp</i>		+
87540	<i>Hemerodromia sp</i>	19	
98200	<i>Pisidium sp</i>		+



Stickney Creek Upstream of Ridge Road
9/3/2024
River Mile: 1.15
Collection Method: Hester-Dendy
Drainage Area: 3.2 square miles
ICI Report

Number of Organisms	3711
ICI Score	20 (Fair)
Number of Quantitative Taxa	22
Number of Qualitative Taxa.	19
Number of Qualitative EPT Taxa	0
Total Number of Taxa	34



Stickney Creek Downstream of Rodoan Road
9/3/2024
River Mile: 0.50
Collection Method: Hester-Dendy
Drainage Area: 4.45 square miles
ICI Report

OEPA Taxa		<u>Number</u>	
Code	Species	HD	Qual
00401	<i>Spongillidae</i>		+
01801	<i>Turbellaria</i>	361	+
03360	<i>Plumatella sp</i>		+
03600	<i>Oligochaeta</i>	684	
04935	<i>Erpobdella punctata punctata</i>	6	+
05800	<i>Caecidotea sp</i>	6	+
06700	<i>Crangonyx sp</i>	9	
11120	<i>Baetis flavistriga</i>	83	+
11130	<i>Baetis intercalaris</i>	1	+
21200	<i>Calopteryx sp</i>		+
22001	<i>Coenagrionidae</i>		+
49200	<i>Climacia areolaris</i>		+
52450	<i>Hydropsyche (=Ceratopsyche) sparna</i>	2	
52530	<i>Hydropsyche depravata group</i>		+
74100	<i>Simulium sp</i>		+
77750	<i>Thienemannimyia sp</i>	107	+
80420	<i>Cricotopus (C.) bicinctus</i>	9	
80430	<i>Cricotopus (C.) tremulus group</i>	25	
80470	<i>Cricotopus (C.) or Orthocladius (O.) sp</i>	21	
81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	12	
84315	<i>Phaenopsectra flavipes</i>	12	
84470	<i>Polypedilum (P.) illinoense</i>	3	+
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	15	
85500	<i>Paratanytarsus sp</i>	3	
85821	<i>Tanytarsus glabrescens group sp 7</i>	67	+
87540	<i>Hemerodromia sp</i>	1	
98600	<i>Sphaerium sp</i>	1	

Number of Organisms 1428

ICI Score 14 (Fair)

Number of Quantitative Taxa 20

Number of Qualitative Taxa. 15



Stickney Creek Downstream of Rodoan Road
9/3/2024
River Mile: 0.50
Collection Method: Hester-Dendy
Drainage Area: 4.45 square miles
ICI Report

Number of Qualitative EPT Taxa	3
Total Number of Taxa	27