

Mill Creek Upstream of South Miles Road

River Mile: 8.30

Drainage Area: 3.9 miles²

OEPA

Taxa Code	Species	<u>Number</u>	
		HD	Qual
1801	Turbellaria	4	
2600	Nematomorpha	2	
3600	Oligochaeta	79	+
4910	Erpobdella sp (= Dina)	1	
5900	Lirceus sp	1	
6700	Crangonyx sp		+
11120	Baetis flavistriga	701	+
11200	Callibaetis sp		+
21300	Hetaerina sp		+
22001	Coenagrionidae		+
22300	Argia sp		+
23600	Aeshna sp		+
52200	Cheumatopsyche sp	134	+
52450	Ceratopsyche sparna	36	+
52530	Hydropsyche depravata group	95	+
53800	Hydroptila sp	678	+
67800	Tropisternus sp		+
68601	Ancyronyx variegata		+
69400	Stenelmis sp		+
70600	Antocha sp	8	
72700	Anopheles sp		+
74100	Simulium sp		+
74501	Ceratopogonidae		+
77120	Ablabesmyia mallochi	95	+
79100	Thienemannimyia group	453	+
80310	Cardiocladius obscurus		+
80420	Cricotopus (C.) bicinctus	83	+
80430	Cricotopus (C.) tremulus group	24	+
80440	Cricotopus (C.) trifascia	24	
80470	Cricotopus (C.) or Orthocladius (O.) sp	203	
80510	Cricotopus (Isocladius) sylvestris group		+
82730	Chironomus (C.) decorus group	24	+
82770	Chironomus (C.) riparius group		+
82820	Cryptochironomus sp	12	+
83040	Dicrotendipes neomodestus	59	
84210	Paratendipes albimanus or P. duplicatus	24	
84300	Phaenopsectra obediens group	12	+
84315	Phaenopsectra flavipes	24	+
84460	Polypedilum (P.) fallax group	36	
84470	Polypedilum (P.) illinoense		+
84540	Polypedilum (Tripodura) scalaenum group	36	
85500	Paratanytarsus sp	59	
87540	Hemerodromia sp	48	
89704	Limnophora aequifrons	4	+
95100	Physella sp	83	+

Mill Creek Upstream of South Miles Road

River Mile:	8.30	
Drainage Area:	3.9	miles²
Number of Organisms	3042	
ICI Score	38	
Number of Quantitative Taxa	29	
Number of Qualitative Taxa	32	
Number of Qualitative EPT Taxa	6	
Total Number of Taxa	45	

Mill Creek Downstream of Mill Creek Falls

River Mile: 2.75

Drainage Area: 14.6 miles²

OEPA

Taxa Code	Species	<u>Number</u>	
		HD	Qual
401	Spongillidae		+
1801	Turbellaria	90	+
3600	Oligochaeta		+
4664	Helobdella stagnalis		+
5800	Caecidotea sp	11	+
6700	Crangonyx sp	1	+
11120	Baetis flavistriga	547	+
11130	Baetis intercalaris	19	+
21200	Calopteryx sp		+
52200	Cheumatopsyche sp	824	+
52431	Ceratopsyche morosa	64	+
52450	Ceratopsyche sparna	563	+
52530	Hydropsyche depravata group	104	+
53800	Hydroptila sp	38	+
70600	Antocha sp	9	
71900	Tipula sp	1	
77120	Ablabesmyia mallochii		+
78450	Nilotanytus fimbriatus	8	
79100	Thienemannimyia group	90	+
80420	Cricotopus (C.) bicinctus	6	
80430	Cricotopus (C.) tremulus group		+
81650	Parametriocnemus sp	6	
81825	Rheocricotopus (Psilocricotopus) robacki	6	
82100	Thienemanniella sp	8	
82800	Cladopelma sp		+
83040	Dicrotendipes neomodestus		+
84300	Phaenopsectra obediens group		+
84315	Phaenopsectra flavipes	6	
84450	Polypedilum (Uresipedilum) flavum	443	+
84460	Polypedilum (P.) fallax group	6	
84470	Polypedilum (P.) illinoense		+
85500	Paratanytarsus sp	19	
85821	Tanytarsus glabrescens group sp 7	96	

Number of Organisms	2965
ICI Score	36
Number of Quantitative Taxa	23
Number of Qualitative Taxa	22
Number of Qualitative EPT Taxa	7
Total Number of Taxa	33

Mill Creek Upstream of Warner Road Tributary

River Mile: 0.70
 Drainage Area: 18.2 miles²

OEPA

Taxa Code	Species	Number	
		HD	Qual
1801	Turbellaria	21	+
3600	Oligochaeta	435	+
4960	Erpobdella sp (= Mooreobdella)	1	+
5800	Caecidotea sp	1	
6700	Crangonyx sp		+
11120	Baetis flavistriga	105	+
11130	Baetis intercalaris	1	+
17200	Caenis sp	1	
21200	Calopteryx sp		+
21300	Hetaerina sp	1	
22001	Coenagrionidae		+
43570	Neoplea sp		+
52200	Cheumatopsyche sp	175	+
52430	Ceratopsyche morosa group	68	+
52450	Ceratopsyche sparna	34	+
52530	Hydropsyche depravata group	22	+
53800	Hydroptila sp	24	+
70600	Antocha sp	3	
72700	Anopheles sp		+
74100	Simulium sp		+
74650	Atrichopogon sp	1	
77120	Ablabesmyia mallochi	25	+
78450	Nilotanypus fimbriatus	25	
78655	Procladius (Holotanypus) sp		+
79100	Thienemannimyia group	628	+
80350	Corynoneura sp	32	
80420	Cricotopus (C.) bicinctus	75	
80430	Cricotopus (C.) tremulus group	25	+
82100	Thienemanniella sp	32	
82730	Chironomus (C.) decorus group		+
82820	Cryptochironomus sp		+
83040	Dicrotendipes neomodestus	226	+
84300	Phaenopsectra obediens group		+
84440	Polypedilum (Uresipedilum) aviceps		+
84450	Polypedilum (Uresipedilum) flavum	879	+
84460	Polypedilum (P.) fallax group	100	
84470	Polypedilum (P.) illinoense		+
84540	Polypedilum (Tripodura) scalaenum group	226	+
85500	Paratanytarsus sp	151	
85821	Tanytarsus glabrescens group sp 7	151	
85840	Tanytarsus sepp		+
87540	Hemerodromia sp	1	+
89704	Limnophora aequifrons		+
98001	Pisidiidae		+

Number of Organisms 3469

Mill Creek Upstream of Warner Road Tributary

River Mile:	0.70	
Drainage Area:	18.2	miles²
ICI Score	30	
Number of Quantitative Taxa	29	
Number of Qualitative Taxa	32	
Number of Qualitative EPT Taxa	7	
Total Number of Taxa	44	

Mill Creek Upstream of Canal Road
River Mile: 0.12
Drainage Area: 19.5 miles²

OEPA

Taxa		Qualitative	Qualitative	Coldwater	Pollution
Code	Species	<u>EPT Taxa</u>	<u>Taxa</u>	<u>Taxa</u>	<u>Tolerance</u>
1801	Turbellaria		y		F
3600	Oligochaeta		y		T
5800	Caecidotea sp		y		T
6700	Crangonyx sp		y		MT
7701	Cambaridae		y		
11120	Baetis flavistriga	y	y		F
11130	Baetis intercalaris	y	y		F
17200	Caenis sp	y	y		F
22600	Enallagma sp		y		
52200	Cheumatopsyche sp	y	y		F
52430	Ceratopsyche morosa group	y	y		MI
52450	Ceratopsyche sparna	y	y		F
52530	Hydropsyche depravata group	y	y		F
53800	Hydroptila sp	y	y		F
74100	Simulium sp		y		F
77120	Ablabesmyia mallochii		y		F
79100	Thienemannimyia group		y		F
80310	Cardiocladius obscurus		y		MI
80420	Cricotopus (C.) bicinctus		y		T
80430	Cricotopus (C.) tremulus group		y		MT
80470	Cricotopus (C.) or Orthocladius (O.) sp		y		
81040	Limnophyes sp		y		T
82730	Chironomus (C.) decorus group		y		T
84450	Polypedilum (Uresipedilum) flavum		y		F
84540	Polypedilum (Tripodura) scalaenum group		y		F
85840	Tanytarsus sepp		y		F
96900	Ferrissia sp		y		F
		8	27	0	