

**2014 Mill Creek**

**River Mile:**

**10.13**

**Drainage Area:**

**2.6 miles<sup>2</sup>**

**OEPA**

<b>Taxa Code</b>	<b>Species</b>	<b>Number</b>	
		<b>HD</b>	<b>Qual</b>
1801	Turbellaria		+
3600	Oligochaeta	4	+
6700	Crangonyx sp		+
11120	Baetis flavistriga	2	+
21001	Calopterygidae	1	
21200	Calopteryx sp		+
22300	Argia sp		+
22600	Enallagma sp		+
23600	Aeshna sp		+
23909	Boyeria vinosa		+
47600	Sialis sp		+
52200	Cheumatopsyche sp	12	+
52530	Hydropsyche depravata group	1	+
52570	Hydropsyche simulans	5	+
53501	Hydroptilidae	3	+
69400	Stenelmis sp		+
71900	Tipula sp		+
74100	Simulium sp		+
77120	Ablabesmyia mallochii	9	+
77500	Conchapelopia sp	87	+
78401	Natarsia species A (sensu Roback, 1978)		+
79400	Zavrelimyia sp	3	
80370	Corynoneura lobata	8	+
80400	Cricotopus sp	3	
80420	Cricotopus (C.) bicinctus	5	+
80510	Cricotopus (Isocladius) sylvestris group	3	
81231	Nanocladius (N.) crassicornus or N. (N.) "rectinervis"	4	+
81400	Orthocladius sp	35	+
81650	Parametriocnemus sp	1	
82700	Chironomus sp	3	+
82820	Cryptochironomus sp		+
83040	Dicrotendipes neomodestus	95	+
84200	Paratendipes sp	64	+
84302	Phaenopsectra punctipes	4	+
84450	Polypedilum (Uresipedilum) flavum	1	+
84469	Polypedilum (P.) illinoense group	33	+
84540	Polypedilum (Tripodura) scalaenum group	9	+
85400	Micropsectra sp		+
85500	Paratanytarsus sp	53	

**2014 Mill Creek**  
**River Mile: 10.13**  
**Drainage Area: 2.6 miles<sup>2</sup>**

**OEPA**

<b>Taxa</b>	<b>Code</b>	<b>Species</b>	<u>Number</u>	
			<b>HD</b>	<b>Qual</b>
85814	Tanytarsus glabrescens group		14	
89700	Limnophora sp		1	
94400	Fossaria sp			+
95100	Physella sp		4	+

Number of Organisms	467
ICI Score	36
Number of Quantitative Taxa	28
Number of Qualitative Taxa	35
Number of Qualitative EPT Taxa	5
Total Number of Taxa	43

**2014 Mill Creek**  
**River Mile: 8.30**  
**Drainage Area: 3.9 miles<sup>2</sup>**

**OEPA**

Taxa Code	Species	Number	
		HD	Qual
1801	Turbellaria	2	
3600	Oligochaeta	1	
4935	Erpobdella punctata punctata		+
6700	Crangonyx sp		+
11001	Baetidae	1	
11120	Baetis flavistriga	67	+
21200	Calopteryx sp		+
22001	Coenagrionidae		+
23600	Aeshna sp		+
52200	Cheumatopsyche sp	111	+
52401	Ceratopsyche sp	20	+
52530	Hydropsyche depravata group	24	+
53800	Hydroptila sp	26	+
68601	Ancyronyx variegata		+
69400	Stenelmis sp	1	+
70600	Antocha sp	2	
71900	Tipula sp		+
74100	Simulium sp	1	+
77500	Conchapelopia sp	76	+
77800	Helopelopia sp	7	+
80400	Cricotopus sp	63	+
80420	Cricotopus (C.) bicinctus		+
80510	Cricotopus (Isocladius) sylvestris group	1	+
80770	Eukiefferiella gracei group		+
81200	Nanocladius sp	2	
81400	Orthocladius sp	8	
83040	Dicrotendipes neomodestus	69	
84210	Paratendipes albimanus or P. duplicatus	5	
84302	Phaenopsectra punctipes	2	
84450	Polypedilum (Uresipedilum) flavum	1	
84460	Polypedilum (P.) fallax group	1	
84469	Polypedilum (P.) illinoense group	3	+
84540	Polypedilum (Tripodura) scalaenum group	23	
84800	Tribelos jucundum		+
85500	Paratanytarsus sp	33	
85625	Rheotanytarsus sp	6	
85752	Sublettea coffmani	2	
85814	Tanytarsus glabrescens group	6	
87540	Hemerodromia sp	23	+
95100	Physella sp (also named Physa sp.)		+

Number of Organisms	587
ICI Score	38
Number of Quantitative Taxa	29
Number of Qualitative Taxa	24
Number of Qualitative EPT Taxa	5
Total Number of Taxa	40

**2014 Mill Creek**  
**River Mile: 6.80**  
**Drainage Area: 4.4 miles<sup>2</sup>**

**OEPA**

<b>Taxa Code</b>	<b>Species</b>	<b>Number</b>	
		<b>HD</b>	<b>Qual</b>
1801	Turbellaria		+
3600	Oligochaeta	10	+
4962	Erpobdella fervida		+
6700	Crangonyx sp		+
11120	Baetis flavistriga	2	+
17200	Caenis sp		+
21200	Calopteryx sp		+
21604	Archilestes grandis		+
22001	Coenagrionidae		+
23600	Aeshna sp		+
52200	Cheumatopsyche sp	1	+
52401	Ceratopsyche sp		+
52530	Hydropsyche depravata group	3	+
68601	Ancyronyx variegata	1	+
71900	Tipula sp		+
74100	Simulium sp		+
77500	Conchapelopia sp	75	+
77800	Helopelopia sp	13	+
80400	Cricotopus sp	1	
80420	Cricotopus (C.) bicinctus	1	
80510	Cricotopus (Isocladius) sylvestris group		+
81200	Nanocladius sp	3	+
82141	Thienemanniella xena	1	
82700	Chironomus sp	1	+
83040	Dicrotendipes neomodestus	2	
84315	Phaenopsectra flavipes	2	+
84400	Polypedilum sp	1	
84460	Polypedilum (P.) fallax group	3	
84500	Polypedilum (P.) trigonus	2	
84540	Polypedilum (Tripodura) scalaenum group	20	
85500	Paratanytarsus sp	3	
85625	Rheotanytarsus sp	1	
87540	Hemerodromia sp	5	
95100	Physella sp (also named Physa sp.)		+

Number of Organisms	151
ICI Score	26
Number of Quantitative Taxa	21
Number of Qualitative Taxa	23
Number of Qualitative EPT Taxa	5
Total Number of Taxa	34

**2014 Mill Creek**  
**River Mile: 3.15**  
**Drainage Area: 14.6 miles<sup>2</sup>**

**OEPA**

Taxa Code	Species	Number	
		HD	Qual
401	Spongillidae		+
1320	Hydra sp	2	
1801	Turbellaria	46	+
3600	Oligochaeta	88	
4935	Erpobdella punctata punctata	44	+
5800	Caecidotea sp	37	+
6700	Crangonyx sp		+
11120	Baetis flavistriga	50	+
11130	Baetis intercalaris	2	
17200	Caenis sp		+
21200	Calopteryx sp		+
21300	Hetaerina sp	1	+
22001	Coenagrionidae		+
22300	Argia sp		+
23600	Aeshna sp		+
23909	Boyeria vinosa		+
52200	Cheumatopsyche sp	147	+
52431	Ceratopsyche morosa		+
52450	Ceratopsyche sparna	46	+
52530	Hydropsyche depravata group	145	+
53800	Hydroptila sp	1	
74100	Simulium sp		+
77120	Ablabesmyia mallochi		+
79100	Thienemannimyia group	204	+
80310	Cardiocladius obscurus		+
80350	Corynoneura sp	8	
80420	Cricotopus (C.) bicinctus		+
80430	Cricotopus (C.) tremulus group		+
81200	Nanocladius sp		+
81670	Paraphaenocladius sp	8	
82100	Thienemanniella sp	4	
82820	Cryptochironomus sp		+
83040	Dicrotendipes neomodestus		+
84300	Phaenopsectra obediens group		+
84470	Polypedilum (P.) illinoense	8	+
84540	Polypedilum (Tripodura) scalaenum group	386	+
84700	Stenochironomus sp	8	
85500	Paratanytarsus sp	8	
85625	Rheotanytarsus sp	53	

**2014 Mill Creek**  
**River Mile: 3.15**  
**Drainage Area: 14.6 miles<sup>2</sup>**

**OEPA**

<b>Taxa Code</b>	<b>Species</b>	<b><u>Number</u></b>	
		<b>HD</b>	<b>Qual</b>
85800	Tanytarsus sp		+
85840	Tanytarsus sepp	23	
87540	Hemerodromia sp	28	
95100	Physella sp (also named Physa sp.)		+
98600	Sphaerium sp	1	

Number of Organisms	1348
ICI Score	28
Number of Quantitative Taxa	24
Number of Qualitative Taxa	31
Number of Qualitative EPT Taxa	6
Total Number of Taxa	44

**2014 Mill Creek**  
**River Mile: 2.75**  
**Drainage Area: 14.6 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
5800	Caecidotea sp		y		T
6700	Crangonyx sp		y		MT
11120	Baetis flavistriga	y	y		F
21200	Calopteryx sp		y		F
21300	Hetaerina sp		y		F
23600	Aeshna sp		y		MT
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
53800	Hydroptila sp	y	y		F
71900	Tipula sp		y		F
74100	Simulium sp		y		F
77120	Ablabesmyia mallochi		y		F
79100	Thienemannimyia group		y		F
80310	Cardiocladius obscurus		y		MI
82820	Cryptochironomus sp		y		F
84300	Phaenopsectra obediens group		y		F
84450	Polypedilum (Uresipedilum) flavum		y		F
84470	Polypedilum (P.) illinoense		y		T
84540	Polypedilum (Tripodura) scalaenum group		y		F
85800	Tanytarsus sp		y		F
85840	Tanytarsus sepp		y		F
87540	Hemerodromia sp		y		F
<b>Totals:</b>		6	26	0	

**2014 Mill Creek**  
**River Mile: 0.70**  
**Drainage Area: 18.2 miles<sup>2</sup>**

**OEPA**

Taxa Code	Species	Number	
		HD	Qual
1801	Turbellaria	11	+
3600	Oligochaeta	397	+
4664	Helobdella stagnalis		+
4960	Erpobdella sp (=Mooreobdella)		+
5800	Caecidotea sp	3	
6700	Crangonyx sp		+
11120	Baetis flavistriga	153	+
11130	Baetis intercalaris	5	+
21200	Calopteryx sp		+
21300	Hetaerina sp		+
23600	Aeshna sp		+
52200	Cheumatopsyche sp	262	+
52431	Ceratopsyche morosa	73	+
52450	Ceratopsyche sparna	16	+
52530	Hydropsyche depravata group	18	+
53800	Hydroptila sp	4	
70600	Antocha sp	1	
74100	Simulium sp		+
77120	Ablabesmyia mallochi		+
79100	Thienemannimyia group	427	+
80310	Cardiocladius obscurus		+
80420	Cricotopus (C.) bicinctus	27	
80430	Cricotopus (C.) tremulus group	240	
82100	Thienemanniella sp	32	
82141	Thienemanniella xena		+
82220	Tvetenia discoloripes group		+
82730	Chironomus (C.) decorus group		+
83040	Dicrotendipes neomodestus	134	+
83840	Microtendipes pedellus group	27	+
84300	Phaenopsectra obediens group	80	+
84450	Polypedilum (Uresipedilum) flavum	1015	+
84460	Polypedilum (P.) fallax group	27	
84470	Polypedilum (P.) illinoense		+
84540	Polypedilum (Tripodura) scalaenum group	214	+
85625	Rheotanytarsus sp	321	
85821	Tanytarsus glabrescens group sp 7	240	
85840	Tanytarsus sepp		+
87540	Hemerodromia sp	2	

Number of Organisms	3729
ICI Score	30
Number of Quantitative Taxa	24
Number of Qualitative Taxa	28
Number of Qualitative EPT Taxa	6
Total Number of Taxa	38



**2014 Mill Creek**  
**River Mile: 0.12**  
**Drainage Area: 19.5 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>
01801	Turbellaria		y		F
03600	Oligochaeta		y		T
04901	Erpobdellidae		y		MT
06700	Crangonyx sp		y		MT
08601	Hydrachnidia		y		F
11120	Baetis flavistriga	y	y		F
11130	Baetis intercalaris	y	y		F
16700	Tricorythodes sp	y	y		MI
21200	Calopteryx sp		y		F
21300	Hetaerina sp		y		F
22001	Coenagrionidae		y		T
22300	Argia sp		y		F
23909	Boyeria vinosa		y		F
43300	Ranatra sp		y		F
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
52540	Hydropsyche dicantha	y	y		MI
72700	Anopheles sp		y		F
74100	Simulium sp		y		F
79100	Thienemannimyia group		y		F
80310	Cardiocladius obscurus		y		MI
80420	Cricotopus (C.) bicinctus		y		T
82820	Cryptochironomus sp		y		F
84300	Phaenopsectra obediens group		y		F
84450	Polypedilum (Uresipedilum) flavum		y		F
84470	Polypedilum (P.) illinoense		y		T
84540	Polypedilum (Tripodura) scalaenum group		y		F
85840	Tanytarsus sepp		y		F
87540	Hemerodromia sp		y		F
95100	Physella sp (also named Physa sp.)		y		T
Totals:		8	32	0	