

2014 Cuyahoga River
River Mile: 16.20
Drainage Area: 696.0 miles²

OEPA

Taxa Code	Species	Qualitative <u>EPT Taxa</u>	Qualitative <u>Taxa</u>	Coldwater <u>Taxa</u>	Pollution <u>Tolerance</u>
1801	Turbellaria		y		F
3360	Plumatella sp		y		F
3600	Oligochaeta		y		T
4960	Erpobdella sp (=Mooreobdella)		y		MT
5800	Caecidotea sp		y		T
6810	Gammarus fasciatus		y		F
7701	Cambaridae		y		
11120	Baetis flavistriga	y	y		F
11130	Baetis intercalaris	y	y		F
13000	Leucrocuta sp	y	y		MI
13570	Maccaffertium terminatum	y	y		MI
16700	Tricorythodes sp	y	y		MI
22700	Ischnura sp		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
52560	Hydropsyche orris	y	y		MI
59407	Nectopsyche candida	y	y		MI
68901	Macronychus glabratus		y		F
69400	Stenelmis sp		y		F
70600	Antocha sp		y		MI
74100	Simulium sp		y		F
80310	Cardiocladius obscurus		y		MI
80420	Cricotopus (C.) bicinctus		y		T
80430	Cricotopus (C.) tremulus group		y		MT
80440	Cricotopus (C.) trifascia		y		F
81240	Nanocladius (N.) distinctus		y		MT
82220	Tvetenia discoloripes group		y		MI
82820	Cryptochironomus sp		y		F
84520	Polypedilum (Tripodura) halterale group		y		MT
85625	Rheotanytarsus sp		y		F
85840	Tanytarsus sepp		y		F
Totals:		11	33	0	

2014 Cuyahoga River**River Mile:****16.20****Drainage Area:****696.0 miles²****OEPA**

Taxa Code	Species	Number	
		HD	Qual
1801	Turbellaria	154	+
3600	Oligochaeta	18	+
4960	Erpobdella sp (= Mooreobdella)		+
5800	Caecidotea sp		+
6810	Gammarus fasciatus		+
11120	Baetis flavistriga		+
11130	Baetis intercalaris	541	+
13550	Maccaffertium mexicanum integrum	10	
13570	Maccaffertium terminatum	226	+
16700	Tricorythodes sp		+
21200	Calopteryx sp		+
22300	Argia sp		+
23909	Boyeria vinosa		+
50301	Chimarra aterrima	18	+
50906	Psychomyia flavida		+
52200	Cheumatopsyche sp	1174	+
52431	Ceratopsyche morosa	833	+
52450	Ceratopsyche sparna	202	+
52520	Hydropsyche bidens	55	+
52530	Hydropsyche depravata group	18	
52560	Hydropsyche orris	1	+
53800	Hydroptila sp		+
59407	Nectopsyche candida		+
68601	Ancyronyx variegata	1	
68901	Macronychus glabratus	25	
69400	Stenelmis sp	9	+
70600	Antocha sp	8	+
71900	Tipula sp	3	+
74100	Simulium sp	57	+
74501	Ceratopogonidae	2	
79100	Thienemannimyia group	45	
80310	Cardiocladius obscurus	19	+
80420	Cricotopus (C.) bicinctus	13	+
80430	Cricotopus (C.) tremulus group	26	+
80440	Cricotopus (C.) trifascia	71	+
81240	Nanocladius (N.) distinctus	39	
81825	Rheocricotopus (Psilocricotopus) robacki	26	
82141	Thienemanniella xena	6	
82220	Tvetenia discoloripes group	116	+

2014 Cuyahoga River

River Mile: 16.20
Drainage Area: 696.0 miles²

OEPA

Taxa	Species	<u>Number</u>	
		HD	Qual
82820	Cryptochironomus sp	6	
83840	Microtendipes pedellus group	12	
84450	Polypedilum (Uresipedilum) flavum	220	
84460	Polypedilum (P.) fallax group	6	
84520	Polypedilum (Tripodura) halterale group		+
85625	Rheotanytarsus sp	6	
96900	Ferrissia sp		+

Number of Organisms	3966
ICI Score	44
Number of Quantitative Taxa	33
Number of Qualitative Taxa	32
Number of Qualitative EPT Taxa	13
Total Number of Taxa	46

2014 Cuyahoga River
River Mile: 12.10
Drainage Area: 709.0 miles²

OEPA

Taxa Code	Species	Qualitative <u>EPT Taxa</u>	Qualitative <u>Taxa</u>	Coldwater <u>Taxa</u>	Pollution <u>Tolerance</u>
401	Spongillidae		y		F
1801	Turbellaria		y		F
3360	Plumatella sp		y		F
3600	Oligochaeta		y		T
4685	Placobdella ornata		y		MT
4960	Erpobdella sp (=Mooreobdella)		y		MT
5800	Caecidotea sp		y		T
6700	Crangonyx sp		y		MT
6810	Gammarus fasciatus		y		F
7701	Cambaridae		y		
11120	Baetis flavistriga	y	y		F
11130	Baetis intercalaris	y	y		F
13400	Stenacron sp	y	y		F
13510	Maccaffertium exiguum	y	y		MI
13521	Stenonema femoratum	y	y		F
13570	Maccaffertium terminatum	y	y		MI
16700	Tricorythodes sp	y	y		MI
17200	Caenis sp	y	y		F
21200	Calopteryx sp		y		F
21300	Hetaerina sp		y		F
22300	Argia sp		y		F
22600	Enallagma sp		y		
23909	Boyeria vinosa		y		F
43570	Neoplea sp		y		F
52200	Cheumatopsyche sp	y	y		F
52431	Ceratopsyche morosa	y	y		MI
52450	Ceratopsyche sparna	y	y		F
52520	Hydropsyche bidens	y	y		MI
52560	Hydropsyche orris	y	y		MI
59407	Nectopsyche candida	y	y		MI
60900	Peltodytes sp		y		MT
68601	Ancyronyx variegata		y		F
68901	Macronychus glabratus		y		F
69400	Stenelmis sp		y		F
71900	Tipula sp		y		F
74100	Simulium sp		y		F
79100	Thienemannimyia group		y		F
80310	Cardiocladius obscurus		y		MI
80420	Cricotopus (C.) bicinctus		y		T

2014 Cuyahoga River
River Mile: 12.10
Drainage Area: 709.0 miles²

OEPA

Taxa		Qualitative	Qualitative	Coldwater	Pollution
Code	Species	<u>EPT Taxa</u>	<u>Taxa</u>	<u>Taxa</u>	<u>Tolerance</u>
80430	Cricotopus (C.) tremulus group		y		MT
80440	Cricotopus (C.) trifascia		y		F
81630	Parakiefferiella sp		y		F
81825	Rheocricotopus (Psilocricotopus) robacki		y		F
82220	Tvetenia discoloripes group		y		MI
84000	Parachironomus sp		y		MT
84300	Phaenopsectra obediens group		y		F
84450	Polypedilum (Uresipedilum) flavum		y		F
84520	Polypedilum (Tripodura) halterale group		y		MT
84600	Saetheria sp				F
85230	Cladotanytarsus mancus group		y		F
85840	Tanytarsus sepp		y		F
86001	Tabanidae		y		F
87540	Hemerodromia sp		y		F
96900	Ferrissia sp		y		F
97601	Corbicula fluminea		y		F
Totals:		14	55	0	

2014 Cuyahoga River

River Mile:

11.30

Drainage Area:

730.0 miles²

OEPA

Taxa Code	Species	Number	
		HD	Qual
1801	Turbellaria	74	+
3600	Oligochaeta	50	+
4664	Helobdella stagnalis		+
4935	Erpobdella punctata punctata	7	+
5800	Caecidotea sp	8	+
6700	Crangonyx sp		+
6810	Gammarus fasciatus	14	+
8601	Hydrachnidia	2	
11115	Baetis tricaudatus		+
11120	Baetis flavistriga	6	+
11130	Baetis intercalaris	318	+
13000	Leucrocuta sp		+
13570	Maccaffertium terminatum	178	+
16700	Tricorythodes sp	21	+
21200	Calopteryx sp		+
21300	Hetaerina sp		+
22600	Enallagma sp		+
22700	Ischnura sp		+
23909	Boyeria vinosa		+
51600	Polycentropus sp	16	
52200	Cheumatopsyche sp	1271	+
52431	Ceratopsyche morosa	333	+
52450	Ceratopsyche sparna	35	+
52520	Hydropsyche bidens	19	+
52530	Hydropsyche depravata group	19	
52560	Hydropsyche orris	35	+
52801	Potamyia flava	1	
59407	Nectopsyche candida		+
68601	Ancyronyx variegata	35	+
68901	Macronychus glabratus	75	+
69400	Stenelmis sp	63	+
70600	Antocha sp	2	
71900	Tipula sp		+
74100	Simulium sp	36	+
78450	Nilotanypus fimbriatus	4	
79100	Thienemannimyia group	137	+
80310	Cardiocladius obscurus		+
80420	Cricotopus (C.) bicinctus		+
80430	Cricotopus (C.) tremulus group	4	+

2014 Cuyahoga River**River Mile: 11.30****Drainage Area: 730.0 miles²****OEPA**

Taxa Code	Species	<u>Number</u>	
		HD	Qual
81240	Nanocladius (N.) distinctus		+
81630	Parakiefferiella sp		+
81650	Parametrioconemus sp	4	
82130	Thienemanniella similis		+
82220	Tvetenia discoloripes group	76	+
82820	Cryptochironomus sp	4	+
83840	Microtendipes pedellus group	4	
84450	Polypedilum (Uresipedilum) flavum	42	
84520	Polypedilum (Tripodura) halterale group	15	
84540	Polypedilum (Tripodura) scalaenum group	19	
85625	Rheotanytarsus sp	38	
85840	Tanytarsus sepp		+
87540	Hemerodromia sp	16	
97601	Corbicula fluminea		+

Number of Organisms	2981
ICI Score	48
Number of Quantitative Taxa	35
Number of Qualitative Taxa	40
Number of Qualitative EPT Taxa	12
Total Number of Taxa	53

2014 Cuyahoga River
River Mile: 10.75
Drainage Area: 743.0 miles²

OEPA

Taxa Code	Species	<u>Qualitative EPT Taxa</u>	<u>Qualitative Taxa</u>	<u>Coldwater Taxa</u>	<u>Pollution Tolerance</u>
401	Spongillidae		y		F
1801	Turbellaria		y		F
3360	Plumatella sp		y		F
3600	Oligochaeta		y		T
5800	Caecidotea sp		y		T
6700	Crangonyx sp		y		MT
6810	Gammarus fasciatus		y		F
11120	Baetis flavistriga	y	y		F
11130	Baetis intercalaris	y	y		F
13000	Leucrocuta sp	y	y		MI
13570	Maccaffertium terminatum	y	y		MI
16700	Tricorythodes sp	y	y		MI
21200	Calopteryx sp		y		F
22300	Argia sp		y		F
22600	Enallagma sp		y		
23909	Boyeria vinosa		y		F
49200	Climacia sp		y		F
52200	Cheumatopsyche sp	y	y		F
52431	Ceratopsyche morosa	y	y		MI
52450	Ceratopsyche sparna	y	y		F
52520	Hydropsyche bidens	y	y		MI
52530	Hydropsyche depravata group	y	y		F
52560	Hydropsyche orris	y	y		MI
53800	Hydroptila sp	y	y		F
59407	Nectopsyche candida	y	y		MI
68901	Macronychus glabratus		y		F
69400	Stenelmis sp		y		F
71900	Tipula sp		y		F
74100	Simulium sp		y		F
80310	Cardiocladius obscurus		y		MI
80420	Cricotopus (C.) bicinctus		y		T
80430	Cricotopus (C.) tremulus group		y		MT
80440	Cricotopus (C.) trifascia		y		F
80470	Cricotopus (C.) or Orthocladius (O.) sp		y		
81240	Nanocladius (N.) distinctus		y		MT
82220	Tvetenia discoloripes group		y		MI
84300	Phaenopsectra obediens group		y		F
84470	Polypedilum (P.) illinoense		y		T
85200	Cladotanytarsus sp		y		
Totals:		13	39	0	

2014 Cuyahoga River

River Mile: 10.10

Drainage Area: 748.0 miles²

OEPA

Taxa Code	Species	Number	
		HD	Qual
1801	Turbellaria	12	
3360	Plumatella sp		+
3600	Oligochaeta	1034	+
4960	Erpobdella sp (= Mooreobdella)	1	+
5800	Caecidotea sp	10	+
6700	Crangonyx sp		+
6810	Gammarus fasciatus	2	+
8601	Hydrachnidia	48	
11120	Baetis flavistriga		+
11130	Baetis intercalaris	304	+
13570	Maccaffertium terminatum	121	+
16700	Tricorythodes sp	9	+
21200	Calopteryx sp		+
21300	Hetaerina sp		+
22300	Argia sp		+
22700	Ischnura sp		+
23909	Boyeria vinosa		+
50301	Chimarra aterrima	2	
52200	Cheumatopsyche sp	1670	+
52431	Ceratopsyche morosa	915	+
52450	Ceratopsyche sparna	129	+
52520	Hydropsyche bidens	96	+
52530	Hydropsyche depravata group	19	+
52560	Hydropsyche orris	41	
59407	Nectopsyche candida		+
59520	Oecetis cinerascens		+
60900	Peltodytes sp		+
63900	Laccophilus sp		+
68601	Ancyronyx variegata	21	+
68901	Macronychus glabratus	13	+
69400	Stenelmis sp	63	+
70600	Antocha sp	6	
71900	Tipula sp	2	+
74100	Simulium sp	14	+
79100	Thienemannimyia group	191	
80310	Cardiocladius obscurus	12	+
80420	Cricotopus (C.) bicinctus	69	+
80430	Cricotopus (C.) tremulus group	75	+
80440	Cricotopus (C.) trifascia	29	

2014 Cuyahoga River**River Mile: 10.10****Drainage Area: 748.0 miles²****OEPA**

Taxa Code	Species	<u>Number</u>	
		HD	Qual
80510	Cricotopus (Isocladius) sylvestris group		+
81240	Nanocladius (N.) distinctus	12	
82130	Thienemanniella similis		+
82141	Thienemanniella xena		+
82220	Tvetenia discoloripes group	12	+
82730	Chironomus (C.) decorus group		+
82820	Cryptochironomus sp	6	
83040	Dicrotendipes neomodestus	6	+
83300	Glyptotendipes (G.) sp	6	
83840	Microtendipes pedellus group	29	
84440	Polypedilum (Uresipedilum) aviceps		+
84450	Polypedilum (Uresipedilum) flavum	58	
84460	Polypedilum (P.) fallax group	6	
84520	Polypedilum (Tripodura) halterale group	6	+
84700	Stenochironomus sp	12	
85625	Rheotanytarsus sp	6	
85840	Tanytarsus sepp	6	+
87540	Hemerodromia sp	53	

Number of Organisms	5126
ICI Score	34
Number of Quantitative Taxa	40
Number of Qualitative Taxa	41
Number of Qualitative EPT Taxa	11
Total Number of Taxa	57

2014 Cuyahoga River

River Mile:

8.60

Drainage Area:

745.0 miles²

OEPA

Taxa Code	Species	Number	
		HD	Qual
1801	Turbellaria	4	
3600	Oligochaeta	713	+
4664	Helobdella stagnalis		+
4960	Erpobdella sp (=Mooreobdella)		+
5800	Caecidotea sp	1	+
6810	Gammarus fasciatus	1	+
8200	Orconectes sp		+
11130	Baetis intercalaris	319	+
13570	Maccaffertium terminatum	84	+
16700	Tricorythodes sp	12	+
21200	Calopteryx sp		+
52200	Cheumatopsyche sp	446	+
52431	Ceratopsyche morosa	291	+
52450	Ceratopsyche sparna	28	+
52520	Hydropsyche bidens		+
52560	Hydropsyche orris	45	+
59407	Nectopsyche candida		+
68601	Ancyronyx variegata	9	+
68901	Macronychus glabratus	7	+
69400	Stenelmis sp	17	+
70600	Antocha sp	1	
74100	Simulium sp	356	+
79100	Thienemannimyia group	10	
80310	Cardiocladius obscurus	3	
80420	Cricotopus (C.) bicinctus	6	+
80430	Cricotopus (C.) tremulus group	67	+
80440	Cricotopus (C.) trifascia		+
81825	Rheocricotopus (Psilocricotopus) robacki	3	
82130	Thienemanniella similis	3	
82220	Tvetenia discoloripes group	54	+
82730	Chironomus (C.) decorus group	3	
82770	Chironomus (C.) riparius group		+
82820	Cryptochironomus sp		+
84450	Polypedilum (Uresipedilum) flavum	38	+
84460	Polypedilum (P.) fallax group	3	
84470	Polypedilum (P.) illinoense	19	
84520	Polypedilum (Tripodura) halterale group	64	
84540	Polypedilum (Tripodura) scalaenum group	16	
84700	Stenochironomus sp		+

2014 Cuyahoga River

River Mile: 8.60

Drainage Area: 745.0 miles²

OEPA

Taxa Code	Species	<u>Number</u>	
		HD	Qual
85625	Rheotanytarsus sp	10	
85840	Tanytarsus sepp	3	
87540	Hemerodromia sp	2	
97601	Corbicula fluminea		+

Number of Organisms	2638
ICI Score	30
Number of Quantitative Taxa	32
Number of Qualitative Taxa	29
Number of Qualitative EPT Taxa	9
Total Number of Taxa	43

2014 Cuyahoga River

River Mile:

7.00

Drainage Area:

786.0 miles²

OEPA

Taxa Code	Species	Number	
		HD	Qual
401	Spongillidae		+
1801	Turbellaria	8	+
3360	Plumatella sp		+
3600	Oligochaeta	81	+
4960	Erpobdella sp (=Mooreobdella)	1	
5800	Caecidotea sp	24	+
6810	Gammarus fasciatus	1	+
11120	Baetis flavistriga	15	+
11130	Baetis intercalaris	149	+
13000	Leucrocuta sp		+
13570	Maccaffertium terminatum	82	+
16700	Tricorythodes sp	88	+
21200	Calopteryx sp		+
22300	Argia sp	1	
23600	Aeshna sp		+
42700	Belostoma sp		+
52200	Cheumatopsyche sp	642	+
52431	Ceratopsyche morosa	256	+
52520	Hydropsyche bidens	66	
52530	Hydropsyche depravata group	2	
52540	Hydropsyche dicantha		+
52560	Hydropsyche orris	49	
68601	Ancyronyx variegata	4	+
68901	Macronychus glabratus	7	+
69400	Stenelmis sp	11	+
74100	Simulium sp		+
79100	Thienemannimyia group	102	+
80310	Cardiocladius obscurus		+
80420	Cricotopus (C.) bicinctus	230	+
80430	Cricotopus (C.) tremulus group	563	+
80440	Cricotopus (C.) trifascia	51	
81240	Nanocladius (N.) distinctus		+
81650	Parametriocnemus sp	13	
81825	Rheocricotopus (Psilocricotopus) robacki	13	
82130	Thienemanniella similis	37	+
82220	Tvetenia discoloripes group	51	
83040	Dicrotendipes neomodestus	13	
83840	Microtendipes pedellus group	13	
84000	Parachironomus sp		+

2014 Cuyahoga River

River Mile: 7.00

Drainage Area: 786.0 miles²

OEPA

Taxa Code	Species	<u>Number</u>	
		HD	Qual
84450	Polypedilum (Uresipedilum) flavum	115	+
84540	Polypedilum (Tripodura) scalaenum group	13	+
85625	Rheotanytarsus sp	90	
85840	Tanytarsus sepp		+
87540	Hemerodromia sp	22	
96900	Ferrissia sp		+
97601	Corbicula fluminea		+

Number of Organisms	2813
ICI Score	28
Number of Quantitative Taxa	32
Number of Qualitative Taxa	33
Number of Qualitative EPT Taxa	8
Total Number of Taxa	46

2014 Cuyahoga River
River Mile: 5.90
Percent of Lacustrary: 84.3 %

OEPA Taxa Code	Species	Number	
		HD	Qual
1320	Hydra sp	7	
1801	Turbellaria	10	
3600	Oligochaeta	570	+
5800	Caecidotea sp	15	
6810	Gammarus fasciatus	23	
13570	Maccaffertium terminatum	10	
16700	Tricorythodes sp	30	
22300	Argia sp	3	
51206	Cyrnellus fraternus	6	
51600	Polycentropus sp	1	
52200	Cheumatopsyche sp	2	
59407	Nectopsyche candida	2	
63900	Laccophilus sp		+
68601	Ancyronyx variegata	2	
68901	Macronychus glabratus	7	
69400	Stenelmis sp	3	
71900	Tipula sp		+
77120	Ablabesmyia mallochii	8	
79020	Tanypus neopunctipennis	8	
79100	Thienemannimyia group	76	
80420	Cricotopus (C.) bicinctus	17	+
81240	Nanocladius (N.) distinctus	25	
82730	Chironomus (C.) decorus group		+
82820	Cryptochironomus sp		+
83040	Dicrotendipes neomodestus	161	
83051	Dicrotendipes simpsoni	8	
83300	Glyptotendipes (G.) sp	525	+
84520	Polypedilum (Tripodura) halterale group		+
85625	Rheotanytarsus sp	17	
85821	Tanytarsus glabrescens group sp 7	17	
87540	Hemerodromia sp	6	
	Number of Organisms	1559	
	LICI Score	28	
	Number of Quantitative Taxa	26	
	Number of Qualitative Taxa	8	
	Number of Qualitative EPT Taxa	8	
	Total Number of Taxa	31	

2014 Cuyahoga River

River Mile: 2.75
Percent of Lacustrary: 39.3 %

OEPA

Taxa Code	Species	Number	
		HD	Qual
1801	Turbellaria	195	
3600	Oligochaeta	731	+
5800	Caecidotea sp	2	
6810	Gammarus fasciatus	32	+
16700	Tricorythodes sp	6	
22300	Argia sp	1	+
49200	Climacia sp	1	
51206	Cyrnellus fraternus	534	
52520	Hydropsyche bidens	1	
59407	Nectopsyche candida	1	
77120	Ablabesmyia mallochi	4	
78655	Procladius (Holotanypus) sp	4	+
79020	Tanypus neopunctipennis		+
79100	Thienemannimyia group	15	
80430	Cricotopus (C.) tremulus group	4	
81240	Nanocladius (N.) distinctus	8	
82730	Chironomus (C.) decorus group		+
83040	Dicrotendipes neomodestus	49	
83051	Dicrotendipes simpsoni	103	
83300	Glyptotendipes (G.) sp	190	
84000	Parachironomus sp		+
85625	Rheotanytarsus sp	4	
85821	Tanytarsus glabrescens group sp 7	8	
97601	Corbicula fluminea		+
98200	Pisidium sp		+

Number of Organisms	1893
LCI Score	36
Number of Quantitative Taxa	20
Number of Qualitative Taxa	9
Number of Qualitative EPT Taxa	
Total Number of Taxa	25

2014 Cuyahoga River

River Mile: 0.20

Percent of Lacustrary: 2.9 %

OEPA

Taxa		Number	
Code	Species	HD	Qual
3600	Oligochaeta	10	+
6810	Gammarus fasciatus	448	+
51206	Cyrnellus fraternus	62	
80430	Cricotopus (C.) tremulus group	35	
80440	Cricotopus (C.) trifascia	49	
82730	Chironomus (C.) decorus group		+
83040	Dicrotendipes neomodestus	28	
83051	Dicrotendipes simpsoni	99	
83300	Glyptotendipes (G.) sp	401	
84470	Polypedilum (P.) illinoense	28	
85500	Paratanytarsus sp	7	
85625	Rheotanytarsus sp	42	
85821	Tanytarsus glabrescens group sp 7	14	
87540	Hemerodromia sp	8	
97710	Dreissena polymorpha	107	

Number of Organisms 1338

LICI Score 26

Number of Quantitative Taxa 14

Number of Qualitative Taxa 3

Number of Qualitative EPT Taxa

Total Number of Taxa 15