

Chagrin River Upstream of Miles Road

River Mile: 29.00

Station ID: D01S11

Drainage Area: 58.0 miles²

OEPA

Taxa Code	Species	Number	
		HD	Qual
1801	Turbellaria	189	+
2600	Nematomorpha		+
3600	Oligochaeta		+
4935	Erpobdella punctata punctata		+
5800	Caecidotea sp		+
6201	Hyalella azteca		+
8200	Faxonius sp		+
11014	Acentrella turbida	27	+
11115	Baetis tricaudatus	2	
11120	Baetis flavistriga		+
11130	Baetis intercalaris	351	+
12200	Isonychia sp	25	+
12956	Heptagenia marginalis		+
13000	Leucrocota sp		+
13400	Stenacron sp		+
13561	Maccaffertium pulchellum	81	+
13570	Maccaffertium terminatum	37	
13590	Maccaffertium vicarium	1	+
16324	Teloganopsis deficiens	145	+
17200	Caenis sp		+
21200	Calopteryx sp		+
21300	Hetaerina sp		+
22001	Coenagrionidae		+
23909	Boyeria vinosa		+
25510	Stylogomphus albistylus		+
27404	Neurocordulia molesta		+
34410	Paragnetina media	4	+
48410	Corydalus cornutus		+
50301	Chimarra aterrima		+
50315	Chimarra obscura	301	+
50804	Lype diversa		+
50906	Psychomyia flavida	1	
52200	Cheumatopsyche sp	296	+
52315	Diplectrona modesta		+
52430	Ceratopsyche morosa group	207	+
52450	Ceratopsyche sparna	68	+
52530	Hydropsyche depravata group	160	+
52540	Hydropsyche dicantha	21	
57400	Neophylax sp		+
58505	Helicopsyche borealis		+
60300	Dineutus sp		+
68075	Psephenus herricki		+
68130	Helichus sp		+
68601	Ancyronyx variegata	4	
68708	Dubiraphia vittata group		+

Chagrin River Upstream of Miles Road

River Mile:

29.00

Station ID:

D01S11

68901	Macronychus glabratus	26	+
69275	Optioservus trivittatus		+
69400	Stenelmis sp	31	+
74100	Simulium sp	68	+
77750	Thienemannimyia sp	8	+
80350	Corynoneura sp	4	
81060	Lopescladius sp		+
81650	Parametriocnemus sp	25	
82220	Tvetenia discoloripes group	8	
82820	Cryptochironomus sp	8	+
83040	Dicrotendipes neomodestus	8	
83840	Microtendipes pedellus group		+
84450	Polypedilum (Uresipedilum) flavum	424	+
84470	Polypedilum (P.) illinoense		+
84540	Polypedilum (Tripodura) scalaenum group		+
84750	Stictochironomus sp		+
85625	Rheotanytarsus sp	271	
85840	Tanytarsus sepp		+
86401	Atherix lantha	3	+
94201	Lymnaeidae		+
96900	Ferrissia sp	2	
98600	Sphaerium sp		+

Number of Organisms 2806

ICI Score 48

Number of Quantitative Taxa 31

Number of Qualitative Taxa 56

Number of Qualitative EPT Taxa 22

Total Number of Taxa 67

Chagrin River Upstream of Willey Creek

River Mile: 26.70

Station ID: DP01P03

Drainage Area: 119.0 miles²

OEPA

Taxa

Code	Species	Number	
		HD	Qual
401	Spongillidae		+
1801	Turbellaria	216	+
2600	Nematomorpha		+
3360	Plumatella sp		+
3600	Oligochaeta	1	+
4935	Erpobdella punctata punctata		+
6700	Crangonyx sp		+
8601	Hydrachnidia		+
11014	Acentrella turbida	16	+
11115	Baetis tricaudatus		+
11120	Baetis flavistriga	37	+
11130	Baetis intercalaris	1302	+
12200	Isonychia sp	1	+
12956	Heptagenia marginalis		+
13400	Stenacron sp	1	+
13561	Maccaffertium pulchellum	9	
13570	Maccaffertium terminatum	1	+
16324	Teloganopsis deficiens	15	+
17200	Caenis sp		+
21200	Calopteryx sp		+
21300	Hetaerina sp		+
22300	Argia sp		+
23905	Boyeria grafiana		+
23909	Boyeria vinosa		+
25010	Hagenius brevistylus		+
25510	Stylogomphus albistylus		+
33100	Leuctra sp		+
48410	Corydalus cornutus		+
49200	Climacia sp		+
50315	Chimarra obscura	3	+
52200	Cheumatopsyche sp	562	+
52430	Ceratopsyche morosa group	698	+
52450	Ceratopsyche sparna	75	+
52530	Hydropsyche depravata group	91	
55501	Brachycentridae		+
59410	Nectopsyche diarina		+
59740	Triaenodes perna		+
67750	Sperchopsis tessellata		+
68075	Psephenus herricki	1	+
68130	Helichus sp		+
68601	Ancyronyx variegata	16	
68708	Dubiraphia vittata group		+
68901	Macronychus glabratus	19	+
69200	Optioservus sp		+
69400	Stenelmis sp	23	+

Chagrin River Upstream of Willey Creek

River Mile: 26.70

Station ID: DP01P03

Drainage Area: 119.0 miles²

74100	Simulium sp	37	+
77750	Thienemannimyia sp	8	+
78450	Nilotanytus fimbriatus		+
79720	Diamesa sp		+
80310	Cardiocladius obscurus	2	
81650	Parametriocnemus sp	2	
81813	Rheocricotopus (R.) unidentatus	2	
81825	Rheocricotopus (Psilocricotopus) robacki	2	
82100	Thienemanniella sp	8	
82220	Tvetenia discoloripes group	27	+
82820	Cryptochironomus sp		+
84210	Paratendipes albimanus or P. duplicatus		+
84450	Polypedilum (Uresipedilum) flavum	153	+
84460	Polypedilum (P.) fallax group	4	
84470	Polypedilum (P.) illinoense		+
84540	Polypedilum (Tripodura) scalaenum group		+
84888	Xenochironomus xenolabis		+
85500	Paratanytarsus sp		+
85625	Rheotanytarsus sp	27	+
85821	Tanytarsus glabrescens group sp 7	2	
85840	Tanytarsus sepp		+
86401	Atherix lantha	1	
95100	Physella sp		+

Number of Organisms	3362
ICI Score	50
Number of Quantitative Taxa	32
Number of Qualitative Taxa	57
Number of Qualitative EPT Taxa	18
Total Number of Taxa	68

Chagrin River Downstream of Pepper-Luce Creek

River Mile: 22.60

Station ID: 301454

Drainage Area: 153.0 miles²

OEPA

Taxa Code	Species	Number	
		HD	Qual
401	Spongillidae		+
1801	Turbellaria	359	+
2600	Nematomorpha	1	
3600	Oligochaeta	100	+
4935	Erpobdella punctata punctata	1	+
5800	Caecidotea sp		+
6201	Hyalella azteca		+
6700	Crangonyx sp		+
11014	Acentrella turbida	9	
11115	Baetis tricaudatus		+
11120	Baetis flavistriga	11	+
11130	Baetis intercalaris	251	+
12200	Isonychia sp	1	
13000	Leucrocota sp		+
13400	Stenacron sp		+
13570	Maccaffertium terminatum	5	+
16324	Teloganopsis deficiens	3	
17200	Caenis sp		+
21300	Hetaerina sp		+
23909	Boyeria vinosa		+
24900	Gomphus complex		+
43570	Neoplea sp		+
44300	Pelocoris sp		+
50315	Chimarra obscura	41	+
52200	Cheumatopsyche sp	366	+
52430	Ceratopsyche morosa group	264	+
52450	Ceratopsyche sparna	28	+
52530	Hydropsyche depravata group	46	+
52540	Hydropsyche dicantha	33	+
53800	Hydroptila sp		+
59410	Nectopsyche diarina		+
59700	Triaenodes sp		+
59720	Triaenodes ignitus		+
59970	Petrophila sp	1	
65800	Berosus sp		+
67100	Hydrobius sp		+
67750	Sperchopsis tessellata		+
68075	Psephenus herricki	1	+
68300	Cyphon sp		+
68601	Ancyronyx variegata	58	+
68708	Dubiraphia vittata group	2	+
68901	Macronychus glabratus	13	+
69400	Stenelmis sp	148	+
74100	Simulium sp	1	+
77750	Thienemannimyia sp	125	+

Chagrin River Downstream of Pepper-Luce Creek

River Mile:

22.60

Station ID:

301454

80370	Corynoneura lobata		+
80420	Cricotopus (C.) bicinctus		+
80440	Cricotopus (C.) trifascia		+
81630	Parakiefferiella sp		+
81650	Parametriocnemus sp	21	
82070	Synorthocladius semivirens	8	
82220	Tvetenia discoloripes group	145	+
83840	Microtendipes pedellus group	21	
84450	Polypedilum (Uresipedilum) flavum	187	+
84470	Polypedilum (P.) illinoense		+
84520	Polypedilum (Tripodura) halterale group		+
84540	Polypedilum (Tripodura) scalaenum group	395	+
85625	Rheotanytarsus sp	52	+
85821	Tanytarsus glabrescens group sp 7	62	+
86401	Atherix lantha		+
93200	Hydrobiidae		+
95100	Physella sp		+
97601	Corbicula fluminea	2	
98600	Sphaerium sp		+

Number of Organisms	2761
ICI Score	40
Number of Quantitative Taxa	33
Number of Qualitative Taxa	55
Number of Qualitative EPT Taxa	17
Total Number of Taxa	64

Wiley Creek DS of Former Jackson Valley WWTP

River Mile: 1.00
 Station ID: DP01P24
 Drainage Area: 3.7 miles²

OEPA

Taxa Code	Species	Number	
		HD	Qual
1801	Turbellaria	14	+
3600	Oligochaeta	6	+
5800	Caecidotea sp	2	
6700	Crangonyx sp		+
11115	Baetis tricaudatus		+
11120	Baetis flavistriga	32	+
11130	Baetis intercalaris	2	
21200	Calopteryx sp		+
22001	Coenagrionidae		+
23600	Aeshna sp		+
23909	Boyeria vinosa		+
50301	Chimarra aterrima		+
51600	Polycentropus sp		+
52200	Cheumatopsyche sp	201	+
52430	Ceratopsyche morosa group	8	
52450	Ceratopsyche sparna	2	+
52530	Hydropsyche depravata group	1	+
68601	Ancyronyx variegata	2	
68708	Dubiraphia vittata group		+
69400	Stenelmis sp	1	+
70600	Antocha sp	3	
71900	Tipula sp	3	
74100	Simulium sp	2	+
77750	Thienemannimyia sp	31	+
78450	Nilotanytus fimbriatus	5	
79400	Zavrelimyia sp		+
80310	Cardiocladius obscurus		+
80350	Corynoneura sp	3	
82100	Thienemanniella sp	2	
82820	Cryptochironomus sp		+
83040	Dicrotendipes neomodestus	2	
84450	Polypedilum (Uresipedilum) flavum	14	
84460	Polypedilum (P.) fallax group	6	
84540	Polypedilum (Tripodura) scalaenum group	2	
85500	Paratanytarsus sp	16	+
85625	Rheotanytarsus sp	10	
85821	Tanytarsus glabrescens group sp 7	8	
87540	Hemerodromia sp	1	
94201	Lymnaeidae		+

Number of Organisms 379
 ICI Score 40
 Number of Quantitative Taxa 26
 Number of Qualitative Taxa 23
 Number of Qualitative EPT Taxa 7
 Total Number of Taxa 39

Pepper-Luce Creek DS of Former Creekside WWTP

River Mile: 3.20
Station ID: 301455
Drainage Area: 7.5 miles²

OEPA

Taxa Code	Species	Number	
		HD	Qual
401	Spongillidae		+
1801	Turbellaria	198	+
3360	Plumatella sp	2	+
3600	Oligochaeta		+
4664	Helobdella stagnalis		+
4960	Erpobdella sp (= Mooreobdella)		+
5800	Caecidotea sp	1	+
6700	Crangonyx sp		+
8601	Hydrachnidia	8	+
11120	Baetis flavistriga	789	+
11130	Baetis intercalaris	19	
13400	Stenacron sp		+
13521	Stenonema femoratum	14	+
17200	Caenis sp	3	+
21200	Calopteryx sp		+
22001	Coenagrionidae		+
23909	Boyeria vinosa		+
49200	Climacia sp		+
50315	Chimarra obscura	73	+
52200	Cheumatopsyche sp	679	+
52430	Ceratopsyche morosa group	21	+
52530	Hydropsyche depravata group	129	+
53800	Hydroptila sp	9	+
60900	Peltodytes sp		+
68601	Ancyronyx variegata	1	+
68708	Dubiraphia vittata group		+
69400	Stenelmis sp		+
70600	Antocha sp	3	
71900	Tipula sp		+
74100	Simulium sp		+
77120	Ablabesmyia mallochii		+
77750	Thienemannimyia sp	290	+
78450	Nilotanytus fimbriatus	56	+
80420	Cricotopus (C.) bicinctus		+
80430	Cricotopus (C.) tremulus group	14	+
82141	Thienemanniella xena	48	
82220	Tvetenia discoloripes group		+
82820	Cryptochironomus sp		+
83040	Dicrotendipes neomodestus	83	+
83300	Glyptotendipes (G.) sp		+
84039	Parachironomus frequens group		+
84210	Paratendipes albimanus or P. duplicatus	124	+
84300	Phaenopsectra obediens group		+
84450	Polypedilum (Uresipedilum) flavum	193	+
84460	Polypedilum (P.) fallax group	69	

Pepper-Luce Creek DS of Former Creekside WWTP

River Mile: 3.20

Station ID: 301455

84470	Polypedilum (P.) illinoense		+
84540	Polypedilum (Tripodura) scalaenum group	83	+
85500	Paratanytarsus sp	138	+
85625	Rheotanytarsus sp	235	
85821	Tanytarsus glabrescens group sp 7	83	+
87540	Hemerodromia sp	1	
89501	Ephydridae		+
94201	Lymnaeidae		+
95100	Physella sp		+
96900	Ferrissia sp	3	
98600	Sphaerium sp		+

Number of Organisms	3369
ICI Score	46
Number of Quantitative Taxa	29
Number of Qualitative Taxa	49
Number of Qualitative EPT Taxa	9
Total Number of Taxa	56