



Chagrin River RM 29.00 Upstream of Miles Road
 8/3/2022 12:00:00 AM
 River Mile: 29.00
 Collection Method: Hester-Dendy
 Drainage Area: 58 square miles
 ICI Report

OEPA Taxa		<u>Number</u>	
Code	Species	HD	Qual
01801	<i>Turbellaria</i>	3	+
03360	<i>Plumatella sp</i>		+
03600	<i>Oligochaeta</i>	16	+
05800	<i>Caecidotea sp</i>		+
06700	<i>Crangonyx sp</i>		+
08200	<i>Faxonius sp</i>		+
08601	<i>Hydrachnidia</i>		+
11014	<i>Acentrella turbida</i>	2	+
11120	<i>Baetis flavistriga</i>	190	+
11130	<i>Baetis intercalaris</i>	247	+
11670	<i>Proclleon viridoculare</i>		+
12200	<i>Isonychia sp</i>	7	+
12956	<i>Heptagenia marginalis</i>		+
13000	<i>Leucrocuta sp</i>	1	
13400	<i>Stenacron sp</i>	17	+
13561	<i>Maccaffertium pulchellum</i>	27	+
13590	<i>Maccaffertium vicarium</i>	2	
16324	<i>Teloganopsis deficiens</i>	97	+
16700	<i>Tricorythodes sp</i>		+
17200	<i>Caenis sp</i>	10	
21200	<i>Calopteryx sp</i>		+
22001	<i>Coenagrionidae</i>		+
22300	<i>Argia sp</i>	1	+
23600	<i>Aeshna sp</i>		+
23905	<i>Boyeria grafiana</i>	1	
23909	<i>Boyeria vinosa</i>		+
24900	<i>Gomphus Complex</i>		+
34110	<i>Acroneuria abnormis</i>		+
48410	<i>Corydalus cornutus</i>	1	
50301	<i>Chimarra aterrima</i>	13	+
50315	<i>Chimarra obscura</i>	23	+
51600	<i>Polycentropus group</i>		+
52200	<i>Cheumatopsyche sp</i>	161	+
52430	<i>Ceratopsyche morosa group</i>	123	+



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52450	<i>Ceratopsyche sparna</i>	2	+
52530	<i>Hydropsyche depravata</i> group	20	+
54000	<i>Leucotrichia pictipes</i>		+
57400	<i>Neophylax</i> sp		+
57900	<i>Pycnopsyche</i> sp		+
58505	<i>Helicopsyche borealis</i>		+
59410	<i>Nectopsyche diarina</i>		+
59510	<i>Oecetis avara</i>	49	
59580	<i>Oecetis persimilis</i>		+
59720	<i>Triaenodes ignitus</i>		+
59970	<i>Petrophila</i> sp		+
67750	<i>Sperchopsis tessellatus</i>		+
68075	<i>Psephenus herricki</i>		+
68601	<i>Ancyronyx variegata</i>		+
68708	<i>Dubiraphia vittata</i> group		+
68901	<i>Macronychus glabratus</i>	24	+
69200	<i>Optioservus</i> sp		+
69275	<i>Optioservus trivittatus</i>		+
69400	<i>Stenelmis</i> sp	29	+
70600	<i>Antocha</i> sp	8	+
74100	<i>Simulium</i> sp		+
77120	<i>Ablabesmyia mallochi</i>		+
77750	<i>Thienemannimyia</i> sp	100	+
78450	<i>Nilotanytus fimbriatus</i>	92	
78655	<i>Procladius (Holotanytus)</i> sp		+
80420	<i>Cricotopus (C.) bicinctus</i>		+
82220	<i>Tvetenia discoloripes</i> group	8	
82730	<i>Chironomus (C.) decorus</i> group		+
82820	<i>Cryptochironomus</i> sp		+
83040	<i>Dicrotendipes neomodestus</i>	8	
83840	<i>Microtendipes pedellus</i> group	108	+
84210	<i>Paratendipes albimanus</i> or <i>P. duplicatus</i>	8	+
84315	<i>Phaenopsectra flavipes</i>	8	
84450	<i>Polypedilum (Uresipedium)</i> flavum	33	+
84460	<i>Polypedilum (P.) fallax</i> group	25	
84470	<i>Polypedilum (P.) illinoense</i>		+
84540	<i>Polypedilum (Tripodura) scalaenum</i> group	141	+



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84700	<i>Stenochironomus sp</i>	8	
84750	<i>Stictochironomus sp</i>		+
84960	<i>Pseudochironomus sp</i>		+
85200	<i>Cladotanytarsus sp</i>	8	
85625	<i>Rheotanytarsus sp</i>	175	+
85710	<i>Stempellinella sp</i>	8	
85821	<i>Tanytarsus glabrescens group sp 7</i>	33	+
85840	<i>Tanytarsus sepp</i>	58	
86401	<i>Atherix lantha</i>		+
87540	<i>Hemerodromia sp</i>	10	
93200	<i>Hydrobiidae</i>		+
95100	<i>Physella sp</i>		+
96900	<i>Ferrissia sp</i>	47	+
98600	<i>Sphaerium sp</i>		+

Number of Organisms	1952
ICI Score	52 (Exceptional)
Number of Quantitative Taxa	43
Number of Qualitative Taxa.	69
Number of Qualitative EPT Taxa	25
Total Number of Taxa	85



Chagrin River RM 26.70 Upstream of Willey Creek near Miles Rd.
 8/12/2022 12:00:00 AM
 River Mile: 26.70
 Collection Method: Hester-Dendy
 Drainage Area: 119 square miles
 ICI Report

OEPA Taxa		<u>Number</u>	
Code	Species	HD	Qual
00401	<i>Spongillidae</i>		+
01801	<i>Turbellaria</i>	52	+
03360	<i>Plumatella sp</i>		+
03600	<i>Oligochaeta</i>	1	+
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>	16	+
11014	<i>Acentrella turbida</i>	1	+
11120	<i>Baetis flavistriga</i>	142	+
11130	<i>Baetis intercalaris</i>	13	+
11670	<i>Procloeon viridoculare</i>		+
12200	<i>Isonychia sp</i>	2	
12956	<i>Heptagenia marginalis</i>		+
13400	<i>Stenacron sp</i>	13	+
13521	<i>Stenonema femoratum</i>	1	+
13561	<i>Maccaffertium pulchellum</i>	18	+
13590	<i>Maccaffertium vicarium</i>	1	
16324	<i>Teloganopsis deficiens</i>	2	+
17200	<i>Caenis sp</i>		+
21200	<i>Calopteryx sp</i>		+
21300	<i>Hetaerina sp</i>		+
22300	<i>Argia sp</i>	13	+
23905	<i>Boyeria grafiana</i>	1	
23909	<i>Boyeria vinosa</i>		+
24900	<i>Gomphus Complex</i>		+
44501	<i>Corixidae</i>		+
49200	<i>Climacia areolaris</i>		+
52200	<i>Cheumatopsyche sp</i>	396	+
52430	<i>Ceratopsyche morosa group</i>	173	+
52450	<i>Ceratopsyche sparna</i>	75	+
52530	<i>Hydropsyche depravata group</i>	10	+
53800	<i>Hydroptila sp</i>	16	



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ICI Report

59410	<i>Nectopsyche diarina</i>		+
59720	<i>Triaenodes ignitus</i>		+
63900	<i>Laccophilus sp</i>		+
65800	<i>Berosus sp</i>		+
68075	<i>Psephenus herricki</i>	1	+
68601	<i>Ancyronyx variegata</i>		+
68700	<i>Dubiraphia sp</i>		+
68901	<i>Macronychus glabratus</i>	6	+
69275	<i>Optioservus trivittatus</i>		+
69400	<i>Stenelmis sp</i>	5	+
70600	<i>Antocha sp</i>	11	+
71900	<i>Tipula sp</i>	1	+
72700	<i>Anopheles sp</i>		+
74100	<i>Simulium sp</i>		+
77120	<i>Ablabesmyia mallochi</i>		+
77750	<i>Thienemannimyia sp</i>	220	+
78450	<i>Nilotanytus fimbriatus</i>	16	
78655	<i>Procladius (Holotanytus) sp</i>		+
80310	<i>Cardiocladius obscurus</i>		+
80470	<i>Cricotopus (C.) or Orthocladius (O.) sp</i>	24	
82220	<i>Tvetenia discoloripes group</i>	98	+
82730	<i>Chironomus (C.) decorus group</i>		+
82820	<i>Cryptochironomus sp</i>		+
82881	<i>Cryptotendipes sp 1</i>		+
83040	<i>Dicrotendipes neomodestus</i>	24	
83840	<i>Microtendipes pedellus group</i>	98	
84155	<i>Paralauterborniella nigrohalteralis</i>		+
84210	<i>Paratendipes albimanus or P. duplicatus</i>		+
84450	<i>Polypedilum (Uresipedilum) flavum</i>	196	+
84470	<i>Polypedilum (P.) illinoense</i>		+
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	49	
84700	<i>Stenochironomus sp</i>	49	
85625	<i>Rheotanytarsus sp</i>	1419	+
85821	<i>Tanytarsus glabrescens group sp 7</i>	294	+
85840	<i>Tanytarsus sepp</i>	49	+
86401	<i>Atherix lantha</i>		+
87540	<i>Hemerodromia sp</i>	18	+



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95100	<i>Physella sp</i>		+
96900	<i>Ferrissia sp</i>	27	
97601	<i>Corbicula fluminea</i>		+
98200	<i>Pisidium sp</i>		+
98600	<i>Sphaerium sp</i>		+

Number of Organisms	3551
ICI Score	54 (Exceptional)
Number of Quantitative Taxa	38
Number of Qualitative Taxa.	65
Number of Qualitative EPT Taxa	16
Total Number of Taxa	76



Chagrin River RM 22.60 DS of Pepper-Luce Cr.
 8/3/2022 12:00:00 AM
 River Mile: 22.60
 Collection Method: Hester-Dendy
 Drainage Area: 153 square miles
 ICI Report

OEPA Taxa		<u>Number</u>	
Code	Species	HD	Qual
00401	<i>Spongillidae</i>		+
01801	<i>Turbellaria</i>	759	+
03360	<i>Plumatella sp</i>		+
03600	<i>Oligochaeta</i>		+
04960	<i>Erpobdella sp (= Mooreobdella)</i>		+
05800	<i>Caecidotea sp</i>	1	+
06700	<i>Crangonyx sp</i>		+
08200	<i>Faxonius sp</i>		+
08601	<i>Hydrachnidia</i>	2	+
11014	<i>Acentrella turbida</i>		+
11120	<i>Baetis flavistriga</i>	319	+
11130	<i>Baetis intercalaris</i>	226	+
13400	<i>Stenacron sp</i>	69	+
13521	<i>Stenonema femoratum</i>		+
13561	<i>Maccaffertium pulchellum</i>	58	+
16324	<i>Teloganopsis deficiens</i>		+
16700	<i>Tricorythodes sp</i>	1	
17200	<i>Caenis sp</i>		+
21200	<i>Calopteryx sp</i>		+
21300	<i>Hetaerina sp</i>		+
22001	<i>Coenagrionidae</i>		+
22300	<i>Argia sp</i>		+
23600	<i>Aeshna sp</i>		+
23905	<i>Boyeria grafiana</i>		+
23909	<i>Boyeria vinosa</i>	1	+
27500	<i>Somatochlora sp</i>		+
44501	<i>Corixidae</i>		+
49200	<i>Climacia areolaris</i>		+
50315	<i>Chimarra obscura</i>	103	+
52200	<i>Cheumatopsyche sp</i>	828	+
52430	<i>Ceratopsyche morosa group</i>	331	+
52450	<i>Ceratopsyche sparna</i>	18	
52530	<i>Hydropsyche depravata group</i>	19	+
52540	<i>Hydropsyche dicantha</i>		+



Chagrin River RM 22.60 DS of Pepper-Luce Cr.
8/3/2022 12:00:00 AM
River Mile: 22.60
Collection Method: Hester-Dendy
Drainage Area: 153 square miles
ICI Report

52570	<i>Hydropsyche simulans</i>	1	
53800	<i>Hydroptila sp</i>	21	
59160	<i>Ceraclea spongillovorax</i>		+
59410	<i>Nectopsyche diarina</i>		+
59720	<i>Triaenodes ignitus</i>		+
59970	<i>Petrophila sp</i>		+
65800	<i>Berosus sp</i>		+
67750	<i>Sperchopsis tessellatus</i>		+
68075	<i>Psephenus herricki</i>		+
68601	<i>Ancyronyx variegata</i>		+
68901	<i>Macronychus glabratus</i>	1	+
69275	<i>Optioservus trivittatus</i>		+
69400	<i>Stenelmis sp</i>		+
70600	<i>Antocha sp</i>	4	
71900	<i>Tipula sp</i>		+
74100	<i>Simulium sp</i>		+
77750	<i>Thienemannimyia sp</i>	324	+
78655	<i>Procladius (Holotanypus) sp</i>		+
79020	<i>Tanypus neopunctipennis</i>		+
80420	<i>Cricotopus (C.) bicinctus</i>	231	+
81240	<i>Nanocladius (N.) distinctus</i>		+
82220	<i>Tvetenia discoloripes group</i>		+
82730	<i>Chironomus (C.) decorus group</i>		+
82820	<i>Cryptochironomus sp</i>		+
82881	<i>Cryptotendipes sp 1</i>		+
83040	<i>Dicrotendipes neomodestus</i>	231	+
83840	<i>Microtendipes pedellus group</i>		+
84210	<i>Paratendipes albimanus or P. duplicatus</i>		+
84450	<i>Polypedilum (Uresipedilum) flavum</i>	555	+
84470	<i>Polypedilum (P.) illinoense</i>		+
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	46	+
85625	<i>Rheotanytarsus sp</i>	3100	+
85821	<i>Tanytarsus glabrescens group sp 7</i>	185	
85840	<i>Tanytarsus sepp</i>	46	+
86401	<i>Atherix lantha</i>		+
93200	<i>Hydrobiidae</i>		+
94201	<i>Lymnaeidae</i>		+



Chagrin River RM 22.60 DS of Pepper-Luce Cr.
 8/3/2022 12:00:00 AM
 River Mile: 22.60
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 Drainage Area: 153 square miles
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95100	<i>Physella sp</i>		+
95900	<i>Gyraulus sp</i>		+
96900	<i>Ferrissia sp</i>	3	+
97601	<i>Corbicula fluminea</i>		+
98200	<i>Pisidium sp</i>		+
98600	<i>Sphaerium sp</i>		+

Number of Organisms	7483
ICI Score	42 (Very Good)
Number of Quantitative Taxa	27
Number of Qualitative Taxa.	71
Number of Qualitative EPT Taxa	16
Total Number of Taxa	77



Pepper-Luce Creek RM 3.20 Downstream of Creekside WWTP
 8/3/2022 12:00:00 AM
 River Mile: 3.20
 Collection Method: Hester-Dendy
 Drainage Area: 7.5 square miles
 ICI Report

OEPA Taxa		<u>Number</u>	
Code	Species	HD	Qual
00401	<i>Spongillidae</i>		+
01801	<i>Turbellaria</i>	35	+
03360	<i>Plumatella sp</i>	5	+
03600	<i>Oligochaeta</i>	8	+
04960	<i>Erpobdella sp (= Mooreobdella)</i>		+
05800	<i>Caecidotea sp</i>	13	+
06700	<i>Crangonyx sp</i>		+
08200	<i>Faxonius sp</i>		+
08250	<i>Faxonius rusticus</i>		+
08601	<i>Hydrachnidia</i>		+
11120	<i>Baetis flavistriga</i>	40	+
11130	<i>Baetis intercalaris</i>	2	+
13521	<i>Stenonema femoratum</i>	86	+
17200	<i>Caenis sp</i>	31	+
21200	<i>Calopteryx sp</i>	1	+
22001	<i>Coenagrionidae</i>	2	+
22300	<i>Argia sp</i>	2	
23600	<i>Aeshna sp</i>		+
23909	<i>Boyeria vinosa</i>		+
27000	<i>Corduliidae or Libellulidae</i>		+
50315	<i>Chimarra obscura</i>		+
52200	<i>Cheumatopsyche sp</i>	19	+
52430	<i>Ceratopsyche morosa group</i>		+
52530	<i>Hydropsyche depravata group</i>		+
53800	<i>Hydroptila sp</i>	5	
59970	<i>Petrophila sp</i>		+
68601	<i>Ancyronyx variegata</i>		+
69400	<i>Stenelmis sp</i>		+
71900	<i>Tipula sp</i>		+
74100	<i>Simulium sp</i>		+
77120	<i>Ablabesmyia mallochi</i>		+
77750	<i>Thienemannimyia sp</i>	43	+
78450	<i>Nilotanypus fimbriatus</i>	14	+
80350	<i>Corynoneura sp</i>	12	



Pepper-Luce Creek RM 3.20 Downstream of Creekside WWTP
 8/3/2022 12:00:00 AM
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 Collection Method: Hester-Dendy
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80420	<i>Cricotopus (C.) bicinctus</i>	12	
80430	<i>Cricotopus (C.) tremulus group</i>	12	+
81650	<i>Parametriocnemus sp</i>		+
82141	<i>Thienemanniella xena</i>	30	
82820	<i>Cryptochironomus sp</i>		+
83040	<i>Dicrotendipes neomodestus</i>	106	+
83300	<i>Glyptotendipes (G.) sp</i>		+
83840	<i>Microtendipes pedellus group</i>	6	+
84210	<i>Paratendipes albimanus or P. duplicatus</i>	93	+
84450	<i>Polypedilum (Uresipedilum) flavum</i>	6	+
84470	<i>Polypedilum (P.) illinoense</i>		+
84520	<i>Polypedilum (Tripodura) halterale group</i>		+
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	19	
85500	<i>Paratanytarsus sp</i>	143	
85821	<i>Tanytarsus glabrescens group sp 7</i>	43	
85840	<i>Tanytarsus sepp</i>	25	
95100	<i>Physella sp</i>	2	+
96900	<i>Ferrissia sp</i>	8	
98600	<i>Sphaerium sp</i>	2	+

Number of Organisms	825
ICI Score	42 (Very Good)
Number of Quantitative Taxa	30
Number of Qualitative Taxa.	43
Number of Qualitative EPT Taxa	8
Total Number of Taxa	53



Willey Creek RM 1.00 Willey Creek DS of Jackson Valley WWTP
 8/3/2022 12:00:00 AM
 River Mile: 1.00
 Collection Method: Hester-Dendy
 Drainage Area: 4.0 square miles
 ICI Report

OEPA Taxa		<u>Number</u>	
Code	Species	HD	Qual
00401	<i>Spongillidae</i>		+
01801	<i>Turbellaria</i>	10	+
03600	<i>Oligochaeta</i>		+
05800	<i>Caecidotea sp</i>		+
06700	<i>Crangonyx sp</i>		+
11120	<i>Baetis flavistriga</i>	394	+
11130	<i>Baetis intercalaris</i>	1	+
21300	<i>Hetaerina sp</i>	1	+
22001	<i>Coenagrionidae</i>		+
22300	<i>Argia sp</i>		+
23600	<i>Aeshna sp</i>		+
23909	<i>Boyeria vinosa</i>		+
26120	<i>Cordulegaster maculata</i>		+
50301	<i>Chimarra aterrima</i>		+
50315	<i>Chimarra obscura</i>		+
51600	<i>Polycentropus group</i>	2	
52200	<i>Cheumatopsyche sp</i>	25	+
52430	<i>Ceratopsyche morosa group</i>	12	+
52450	<i>Ceratopsyche sparna</i>	42	+
52530	<i>Hydropsyche depravata group</i>	47	+
54000	<i>Leucotrichia pictipes</i>		+
59720	<i>Triaenodes ignitus</i>		+
68601	<i>Ancyronyx variegata</i>		+
69400	<i>Stenelmis sp</i>		+
70600	<i>Antocha sp</i>	9	+
71900	<i>Tipula sp</i>		+
74100	<i>Simulium sp</i>		+
77120	<i>Ablabesmyia mallochi</i>		+
77750	<i>Thienemannimyia sp</i>	63	+
78450	<i>Nilotanytus fimbriatus</i>	32	
80310	<i>Cardiocladius obscurus</i>		+
80370	<i>Corynoneura lobata</i>	12	
80420	<i>Cricotopus (C.) bicinctus</i>		+
81240	<i>Nanocladius (N.) distinctus</i>	7	



Willey Creek RM 1.00 Willey Creek DS of Jackson Valley WWTP
8/3/2022 12:00:00 AM
River Mile: 1.00
Collection Method: Hester-Dendy
Drainage Area: 4.0 square miles
ICI Report

82141	<i>Thienemanniella xena</i>	16	
82220	<i>Tvetenia discoloripes</i> group		+
83040	<i>Dicrotendipes neomodestus</i>	21	
83840	<i>Microtendipes pedellus</i> group	7	
84210	<i>Paratendipes albimanus</i> or <i>P. duplicatus</i>	83	+
84300	<i>Phaenopsectra obediens</i> group	7	+
84315	<i>Phaenopsectra flavipes</i>		+
84450	<i>Polypedilum (Uresipedilum) flavum</i>	28	+
84460	<i>Polypedilum (P.) fallax</i> group		+
84540	<i>Polypedilum (Tripodura) scalaenum</i> group	56	+
84700	<i>Stenochironomus</i> sp		+
85500	<i>Paratanytarsus</i> sp	21	+
85625	<i>Rheotanytarsus</i> sp	222	+
85821	<i>Tanytarsus glabrescens</i> group sp 7	125	
85840	<i>Tanytarsus sepp</i>	21	+
87540	<i>Hemerodromia</i> sp	3	
95100	<i>Physella</i> sp		+
96900	<i>Ferrissia</i> sp	4	+

Number of Organisms	1271
ICI Score	50 (Exceptional)
Number of Quantitative Taxa	27
Number of Qualitative Taxa.	43
Number of Qualitative EPT Taxa	10
Total Number of Taxa	52