

Appendix Table 1. ICI metrics and values from data collected NEORSD during 2012.

River Mile	Drainage Area (sq mi)	Number of				Percent:						Qual. EPT	ICI or Narrative
		Total Taxa	Mayfly Taxa	Caddisfly Taxa	Dipteran Taxa	Mayflies	Caddisflies	Tanytarsini	Other Dipt/NI	Tolerant Organisms			
Rocky River (13-001)													
Year: 2012													
10.20	280.0	31(4)	1(0)	6(6)	11(4)	0.5(2)	36.2(6)	15.5(2)	44.9(2)	1.7(6)	7(2)	34	
10.50	268.0	36(6)	5(2)	6(6)	12(4)	8.6(2)	46.4(6)	14.5(2)	29.0(4)	1.9(6)	11(4)	42	
Abram Creek (13-002)													
Year: 2012													
4.10	4.4	20(2)	0(0)	0(0)	8(2)	0.0(0)	0.0(0)	0.0(0)	99.7(0)	23.6(2)	1(0)	6	
3.65	7.3	14(2)	0(0)	0(0)	8(2)	0.0(0)	0.0(0)	0.5(2)	98.9(0)	60.6(0)	0(0)	6	
0.04	10.8	27(4)	2(0)	4(6)	15(4)	1.6(2)	18.1(6)	54.1(6)	25.8(6)	4.0(6)	5(2)	42	

Appendix Table 2. Macroinvertebrate taxa from NEORS sites during 2012.

River Code: 13-001		River: <i>Rocky River</i>		Site ID:	12H141-12Q142	
Site:				Subsample:	Collector: RAM, JN	
Collection Date: 09/12/2012		Latitude: 41.41727	Longitude: -81.8616	RM: 10.20		
Taxa Code	Taxa	Qt./Ql.	Taxa Code	Taxa	Qt./Ql.	
00401	Spongillidae	+	77750	Hayesomyia senata or	116	
01801	Turbellaria	3013 +		Thienemannimyia norena		
03600	Oligochaeta	193 +	78655	Procladius (Holotanypus) sp	+	
04964	Mooreobdella microstoma	1 +	79020	Tanytus neopunctipennis	+	
05800	Caecidotea sp	8 +	81270	Nanocladius (N.) spiniplenus	58	
06201	Hyalella azteca	+	82141	Thienemanniella xena	32	
06700	Crangonyx sp	+	82730	Chironomus (C.) decorus group	+	
07800	Cambarus sp	+	82800	Cladopelma sp	+	
08250	Orconectes (Procericambarus) rusticus	+	82820	Cryptochironomus sp	+	
08601	Hydracarina	48 +	83040	Dicrotendipes neomodestus	+	
11130	Baetis intercalaris	69 +	84201	Paratendipes sp 1	+	
13400	Stenacron sp	+	84450	Polypedilum (Uresipedilum) flavum	1559	
16700	Tricorythodes sp	+	84470	Polypedilum (P.) illinoense	+	
17200	Caenis sp	+	84540	Polypedilum (Tripodura) scalaenum group	751 +	
21200	Calopteryx sp	+	84888	Xenochironomus xenolabis	+	
21300	Hetaerina sp	+	85230	Cladotanytarsus mancus group	58	
22001	Coenagrionidae	1 +	85625	Rheotanytarsus sp	58 +	
22300	Argia sp	+	85800	Tanytarsus sp	+	
26700	Macromia sp	+	85821	Tanytarsus glabrescens group sp 7	1906 +	
28908	Perithemis tenera	+	85840	Tanytarsus sepp	58 +	
43570	Neoplea sp	+	93900	Elimia sp	1 +	
45400	Trichocorixa sp	+	95100	Physella sp	+	
49200	Climacia sp	+	96900	Ferrissia sp	32 +	
50315	Chimarra obscura	1	97601	Corbicula fluminea	+	
52200	Cheumatopsyche sp	2345 +	98200	Pisidium sp	+	
52430	Ceratopsyche morosa group	1974 +	98600	Sphaerium sp	18 +	
52450	Ceratopsyche sparna	126				
52530	Hydropsyche depravata group	381 +	No. Quantitative Taxa: 31		Total Taxa: 66	
53501	Hydroptilidae	18	No. Qualitative Taxa: 56		ICI: 34	
59970	Petrophila sp	1	Number of Organisms: 13386		Qual EPT: 7	
60900	Peltodytes sp	+	QCTV:		33.5	
65800	Berosus sp	+				
67700	Paracymus sp	+				
67800	Tropisternus sp	+				
68075	Psephenus herricki	+				
68601	Ancyronyx variegata	17 +				
68901	Macronychus glabratus	4 +				
69400	Stenelmis sp	365 +				
71900	Tipula sp	1				
74100	Simulium sp	+				
77500	Conchapelopia sp	173 +				

Appendix Table 2. Macroinvertebrate taxa from NEORS sites during 2012.

River Code: 13-001		River: <i>Rocky River</i>		Site ID:	12H143-12Q144	
Site:				Subsample:	Collector: RAM, JN	
Collection Date: 09/13/2012		Latitude: 41.41750	Longitude: -81.8686	RM: 10.50		
Taxa Code	Taxa	Qt./Ql.	Taxa Code	Taxa	Qt./Ql.	
00401	Spongillidae	+	77750	Hayesomyia senata or	47	
01320	Hydra sp	32		Thienemannimyia norena		
01801	Turbellaria	870 +	78655	Procladius (Holotanypus) sp	+	
03360	Plumatella sp	16 +	81200	Nanocladius sp	19	
03600	Oligochaeta	48 +	81231	Nanocladius (N.) crassicornus or N. (N.) "rectinervis"	56 +	
04687	Placobdella parasitica	1	82101	Thienemanniella taurocapita	19	
04962	Mooreobdella fervida	+	82730	Chironomus (C.) decorus group	+	
05800	Caecidotea sp	+	82820	Cryptochironomus sp	+	
06201	Hyalella azteca	+	83040	Dicrotendipes neomodestus	19 +	
06700	Crangonyx sp	+	84210	Paratendipes albimanus or P. duplicatus	+	
08601	Hydracarina	+	84450	Polypedilum (Uresipedilum) flavum	709 +	
11120	Baetis flavistriga	48	84470	Polypedilum (P.) illinoense	+	
11130	Baetis intercalaris	379 +	84540	Polypedilum (Tripodura) scalaenum group	+	
11200	Callibaetis sp	+	85230	Cladotanytarsus mancus group	+	
13400	Stenacron sp	+	85625	Rheotanytarsus sp	317	
13500	Maccaffertium sp	32 +	85800	Tanytarsus sp	+	
13521	Stenonema femoratum	1	85821	Tanytarsus glabrescens group sp 7	635	
16700	Tricorythodes sp	128 +	85840	Tanytarsus sepp	37 +	
17200	Caenis sp	+	87540	Hemerodromia sp	16	
21200	Calopteryx sp	2 +	96900	Ferrissia sp	80 +	
21300	Hetaerina sp	1	97601	Corbicula fluminea	+	
22001	Coenagrionidae	+	98600	Sphaerium sp	+	
22300	Argia sp	1 +	99280	Lasmigona costata	+	
26700	Macromia sp	+				
28908	Perithemis tenera	+				
44501	Corixidae	+				
50315	Chimarra obscura	41 +	No. Quantitative Taxa: 36		Total Taxa: 63	
52200	Cheumatopsyche sp	1525 +	No. Qualitative Taxa: 49		ICI: 42	
52430	Ceratopsyche morosa group	1388 +	Number of Organisms: 6838		Qual EPT: 11	
52450	Ceratopsyche sparna	2	QCTV:		34.3	
52530	Hydropsyche depravata group	146 +				
53800	Hydroptila sp	68 +				
60900	Peltodytes sp	+				
65800	Berosus sp	1 +				
68601	Ancyronyx variegata	33 +				
68901	Macronychus glabratus	65				
69400	Stenelmis sp	8 +				
71900	Tipula sp	1				
74100	Simulium sp	+				
77120	Ablabesmyia mallochi	+				
77500	Conchapelopia sp	47 +				