

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: 13-002		River: <i>Abram Creek</i>		Site ID:	12H135-12Q136	
Site:				Subsample:	Collector: RM, JN	
Collection Date: 09/11/2012		Latitude: 4141.763	Longitude: -81.8668	RM: 0.04		
Taxa Code	Taxa	Qt./Ql.	Taxa Code	Taxa	Qt./Ql.	
01801	Turbellaria	9 +	95100	Physella sp	+	
03000	Ectoprocta	+	98001	Sphaeriidae	+	
03600	Oligochaeta	104 +				
04660	Helobdella sp	+	No. Quantitative Taxa: 27		Total Taxa: 42	
04901	Erpobdellidae	7	No. Qualitative Taxa: 32		ICI: 42	
05800	Caecidotea sp	9 +	Number of Organisms: 2581		Qual EPT: 5	
06700	Crangonyx sp	+	QCTV:		33.6	
08601	Hydracarina	+				
11120	Baetis flavistriga	+				
11130	Baetis intercalaris	38 +				
13521	Stenonema femoratum	4				
21200	Calopteryx sp	+				
21300	Hetaerina sp	8				
22001	Coenagrionidae	+				
22300	Argia sp	+				
43300	Ranatra sp	+				
52200	Cheumatopsyche sp	241 +				
52430	Ceratopsyche morosa group	161 +				
52450	Ceratopsyche sparna	11				
52530	Hydropsyche depravata group	55 +				
65800	Berosus sp	1				
71900	Tipula sp	1				
74100	Simulium sp	10 +				
77500	Conchapelopia sp	292 +				
77800	Helopelopia sp	+				
80370	Corynoneura lobata	21				
80430	Cricotopus (C.) tremulus group	+				
81231	Nanocladius (N.) crassicornus or N. (N.) "rectinervis"	21				
82141	Thienemanniella xena	21				
82770	Chironomus (C.) riparius group	+				
83040	Dicrotendipes neomodestus	42 +				
84450	Polypedilum (Uresipedilum) flavum	83 +				
84470	Polypedilum (P.) illinoense	+				
84540	Polypedilum (Tripodura) scalaenum group	21 +				
85500	Paratanytarsus sp	104 +				
85625	Rheotanytarsus sp	125 +				
85821	Tanytarsus glabrescens group sp 7	1021 +				
85840	Tanytarsus sepp	146 +				
87540	Hemerodromia sp	24 +				
89501	Ephydriidae	1				

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

River Code: 13-002 River: **Abram Creek** Site ID: 12H137-12Q138
 Site: Subsample: Collector: SH, JB
 Collection Date: 09/12/2012 Latitude: 41.39201 Longitude: -81.8383 RM: 3.65

Taxa Code	Taxa	Qt./Ql.	Taxa Code	Taxa	Qt./Ql.
01320	Hydra sp	69			
01801	Turbellaria	180 +			
03600	Oligochaeta	554 +			
06700	Crangonyx sp	+			
22001	Coenagrionidae	8 +			
28908	Perithemis tenera	+			
44501	Corixidae	+			
74501	Ceratopogonidae	20			
81231	Nanocladius (N.) crassicornus or N. (N.) "rectinervis"	8			
81240	Nanocladius (N.) distinctus	23			
82800	Cladopelma sp	+			
83000	Dicrotendipes sp	98			
83051	Dicrotendipes simpsoni	316			
83300	Glyptotendipes (G.) sp	181 +			
84000	Parachironomus sp	+			
84470	Polypedilum (P.) illinoense	+			
84540	Polypedilum (Tripodura) scalaenum group	15			
85800	Tanytarsus sp	8			
86501	Stratiomyidae	+			
95100	Physella sp	1			
96900	Ferrissia sp	8			

No. Quantitative Taxa: 14 Total Taxa: 21
 No. Qualitative Taxa: 11 ICI: 6
 Number of Organisms: 1489 Qual EPT: 0
 QCTV: 25.7

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

River Code: 13-002 River: **Abram Creek** Site ID: 12H139-12Q140
 Site: Subsample: Collector: RAM, JN
 Collection Date: 09/10/2012 Latitude: 41.38644 Longitude: -81.8364 RM: 4.10

Taxa Code	Taxa	Qt./Ql.	Taxa Code	Taxa	Qt./Ql.
01320	Hydra sp	80			
01801	Turbellaria	134 +			
03600	Oligochaeta	1204 +			
05800	Caecidotea sp	1 +			
06700	Crangonyx sp	4			
11200	Callibaetis sp	+			
22001	Coenagrionidae	6 +			
27307	Epitheca (Epicordulia) princeps	+			
28705	Pachydiplax longipennis	1			
28908	Perithemis tenera	1 +			
44501	Corixidae	+			
68201	Scirtidae	+			
68707	Dubiraphia quadrinotata	8 +			
72700	Anopheles sp	+			
74501	Ceratopogonidae	+			
77140	Ablabesmyia peleensis	49 +			
77355	Clinotanypus pinguis	+			
78130	Labrundinia neopilosella	+			
78655	Procladius (Holotanypus) sp	+			
79020	Tanypus neopunctipennis	+			
80350	Corynoneura sp	16			
82141	Thienemanniella xena	16			
82710	Chironomus (C.) sp	49			
82800	Cladopelma sp	49 +			
82820	Cryptochironomus sp	+			
83000	Dicrotendipes sp	147			
83051	Dicrotendipes simpsoni	147 +			
83158	Endochironomus nigricans	+			
83300	Glyptotendipes (G.) sp	4119 +			
84460	Polypedilum (P.) fallax group	+			
84470	Polypedilum (P.) illinoense	+			
84520	Polypedilum (Tripodura) halterale group	+			
95100	Physella sp	1 +			
96120	Menetus (Micromenetus) dilatatus	16			
96900	Ferrissia sp	32			

No. Quantitative Taxa: 20 Total Taxa: 35
 No. Qualitative Taxa: 26 ICI: 6
 Number of Organisms: 6080 Qual EPT: 1
 QCTV: 25.0