

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			
<b>West Branch Rocky River (13-200)</b>													
Year: 2012													
4.40	160.0	34(4)	6(4)	4(4)	10(2)	15.5(2)	0.8(2)	38.0(6)	40.6(4)	1.0(6)	12(4)	<b>38</b>	
1.05	185.0	33(4)	6(4)	2(2)	13(4)	25.9(4)	10.1(2)	33.9(4)	27.5(4)	2.8(6)	11(4)	<b>38</b>	
<b>Plum Creek (13-201)</b>													
Year: 2012													
2.90	17.1	25(4)	2(0)	1(2)	10(2)	4.4(2)	0.0(2)	37.1(6)	58.1(2)	12.6(4)	2(0)	<b>24</b>	
0.30	18.5	23(2)	1(0)	0(0)	17(4)	4.8(2)	0.0(0)	44.0(6)	51.1(2)	20.0(2)	2(0)	<b>18</b>	

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

River Code: 13-201		River: <i>Plum Creek</i>		Site ID:	12H149-12Q150	
Site:				Subsample:	Collector: RM, JN	
Collection Date: 09/11/2012		Latitude: 41.37580	Longitude: -81.9022	RM: 0.30		
Taxa Code	Taxa	Qt./Ql.	Taxa Code	Taxa	Qt./Ql.	
01801	Turbellaria	42 +				
01900	Nemertea	+	No. Quantitative Taxa: 23		Total Taxa: 39	
03600	Oligochaeta	36	No. Qualitative Taxa: 21		ICI: 18	
04964	Mooreobdella microstoma	+	Number of Organisms: 1241		Qual EPT: 2	
05800	Caecidotea sp	54 +	QCTV:		33.1	
06700	Crangonyx sp	+				
08601	Hydracarina	+				
17200	Caenis sp	60 +				
21200	Calopteryx sp	1				
22001	Coenagrionidae	+				
22300	Argia sp	+				
53800	Hydroptila sp	+				
68700	Dubiraphia sp	+				
69400	Stenelmis sp	+				
74100	Simulium sp	+				
77120	Ablabesmyia mallochi	41				
77500	Conchapelopia sp	62				
78655	Procladius (Holotanypus) sp	+				
79100	Thienemannimyia group	+				
81650	Parametriocnemus sp	24				
82730	Chironomus (C.) decorus group	139				
82880	Cryptotendipes sp	+				
83000	Dicrotendipes sp	+				
83040	Dicrotendipes neomodestus	90				
83045	Dicrotendipes nervosus	8				
83840	Microtendipes pedellus group	16				
84210	Paratendipes albimanus or P. duplicatus	16				
84300	Phaenopsectra obediens group	8				
84315	Phaenopsectra flavipes	16				
84450	Polypedilum (Uresipedilum) flavum	+				
84460	Polypedilum (P.) fallax group	16				
84470	Polypedilum (P.) illinoense	57				
85500	Paratanytarsus sp	122				
85625	Rheotanytarsus sp	16 +				
85800	Tanytarsus sp	82 +				
85821	Tanytarsus glabrescens group sp 7	106				
85840	Tanytarsus sepp	220				
96900	Ferrissia sp	+				
96930	Laevapex fuscus	9				

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

River Code: 13-201		River: <i>Plum Creek</i>		Site ID:	12H151-12Q152	
Site: Usher Rd.				Subsample:	Collector: RM, JN	
Collection Date: 09/11/2012		Latitude: 41.35860	Longitude: -81.9214	RM: 2.90		
Taxa Code	Taxa	Qt./Ql.	Taxa Code	Taxa	Qt./Ql.	
01320	Hydra sp	54	98200	Pisidium sp	7	
01801	Turbellaria	16 +	99180	Strophitus undulatus undulatus	+	
03600	Oligochaeta	232 +				
04964	Mooreobdella microstoma	+	No. Quantitative Taxa: 25		Total Taxa: 42	
06700	Crangonyx sp	1 +	No. Qualitative Taxa: 33		ICI: 24	
08240	Orconectes (Crockerinus) propinquus	2 +	Number of Organisms: 2295		Qual EPT: 2	
08601	Hydracarina	+	QCTV:		33.1	
13400	Stenacron sp	24 +				
17200	Caenis sp	78 +				
21200	Calopteryx sp	+				
22001	Coenagrionidae	5 +				
22300	Argia sp	+				
28500	Libellula sp	+				
52200	Cheumatopsyche sp	1				
68708	Dubiraphia vittata group	+				
69400	Stenelmis sp	2 +				
71900	Tipula sp	+				
72700	Anopheles sp	+				
77120	Ablabesmyia mallochi	32				
77500	Conchapelopia sp	+				
78655	Procladius (Holotanypus) sp	+				
80350	Corynoneura sp	32				
82710	Chironomus (C.) sp	+				
82880	Cryptotendipes sp	+				
83040	Dicrotendipes neomodestus	158 +				
83840	Microtendipes pedellus group	552 +				
84210	Paratendipes albimanus or P. duplicatus	63 +				
84300	Phaenopsectra obediens group	+				
84470	Polypedilum (P.) illinoense	47 +				
85500	Paratanytarsus sp	284 +				
85625	Rheotanytarsus sp	95				
85800	Tanytarsus sp	+				
85821	Tanytarsus glabrescens group sp 7	205				
85840	Tanytarsus sepp	268 +				
86501	Stratiomyidae	+				
95100	Physella sp	11				
96120	Menetus (Micromenetus) dilatatus	1				
96930	Laevapex fuscus	124 +				
97601	Corbicula fluminea	1 +				
98001	Sphaeriidae	+				