

Table 2. ICI metrics and values from data collected by NEORSD.

River Mile	Drainage Area (sq mi)	Number of				Percent:						Qual. EPT	ICI or Narrative	
		Total Taxa	Mayfly Taxa	Caddisfly Taxa	Dipteran Taxa	Mayflies	Caddis- flies	Tany- tarsini	Other Dipt/NI	Tolerant Organisms				
<b>Euclid Creek (19-041)</b>														
Year: 2011														
1.65	21.8	35(4)	1(0)	5(6)	22(6)	19.0(4)	26.2(6)	1.0(2)	52.2(2)	14.1(4)	6(2)	<b>36</b>		
0.55	23.0	30(4)	0(0)	3(6)	17(4)	0.0(0)	3.9(4)	20.4(4)	73.7(0)	15.6(2)	3(0)	<b>24</b>		

**Appendix Table 2. Macroinvertebrate taxa for sites in Big Creek, Mill Run, Doan Brook and Euclid Creek during 2011.**

Site:				Site ID:			
Collection Date: 08/11/2011		River Code: 19-041		River: Euclid Creek		Subsample: RM: 0.55	
Taxa Code	Taxa	CWH Tol.	Qt./Ql.	Taxa Code	Taxa	CWH Tol.	Qt./Ql.
01801	Turbellaria	F	40 +	95100	Physella sp	T	+
03360	Plumatella sp	F	+				
03600	Oligochaeta	T	137 +	No. Quantitative Taxa: 30		Total Taxa: 40	
04660	Helobdella sp	T	1	No. Qualitative Taxa: 24		ICI: 24	
04801	Hirudinidae		1	Number of Organisms: 923		Qual EPT: 3	
04935	Erpobdella punctata punctata	T	1 +				
04960	Mooreobdella sp	T	6 +				
05800	Caecidotea sp	MT	55 +				
06700	Crangonyx sp	MT	9 +				
11120	Baetis flavistriga	F	+				
21300	Hetaerina sp	F	+				
22001	Coenagrionidae	MT	+				
23700	Anax sp	T	+				
52200	Cheumatopsyche sp	F	26 +				
52530	Hydropsyche depravata group	F	2 +				
53800	Hydroptila sp	F	8				
68601	Ancyronyx variegata	MI	1				
69400	Stenelmis sp	F	18 +				
77001	Tanypodinae		7				
77100	Ablabesmyia sp		7				
77120	Ablabesmyia mallochi	F	+				
77800	Helopelopia sp	F	+				
79100	Thienemannimyia group	F	67				
80420	Cricotopus (C.) bicinctus	MT	7 +				
80430	Cricotopus (C.) tremulus group	F	7 +				
80470	Cricotopus (C.) or Orthocladius (O.) sp	F	13				
81231	Nanocladius (N.) crassicornus or N. (N.) "rectinervis"	F	7				
82070	Synorthocladius semivirens	I	7				
82100	Thienemanniella sp	F	7				
82820	Cryptochironomus sp	F	+				
83040	Dicrotendipes neomodestus	F	154 +				
84210	Paratendipes albimanus or P. duplicatus	MI	67 +				
84300	Phaenopsectra obediens group	F	20				
84450	Polypedilum (Uresipedilum) flavum	F	13				
84470	Polypedilum (P.) illinoense	T	+				
84540	Polypedilum (Tripodura) scalaenum group	F	47 +				
85500	Paratanytarsus sp	F	107				
85800	Tanytarsus sp	MI	27				
85821	Tanytarsus glabrescens group sp 7	MI	54				

**Appendix Table 2. Macroinvertebrate taxa collected by NEORS in 2010 and 2011.**

Site:				Subsample:		Collector: RAM-J	
Collection Date: 08/11/2011		River Code: 19-041		River: Euclid Creek		RM: <sup>N</sup> 1.65	
Taxa Code	Taxa	CWH Tol.	Qt./Ql.	Taxa Code	Taxa	CWH Tol.	Qt./Ql.
01320	Hydra sp	F	2	84460	Polypedilum (P.) fallax group	F	12
01801	Turbellaria	F	24 +	84470	Polypedilum (P.) illinoense	T	2
01900	Nemertea	F	4	84540	Polypedilum (Tripodura) scalaenum group	F	24
03600	Oligochaeta	T	49 +	85500	Paratanytarsus sp	F	2
05800	Caecidotea sp	MT	4 +	85625	Rheotanytarsus sp	MI	+
06700	Crangonyx sp	MT	+	85821	Tanytarsus glabrescens group sp 7	MI	3
08601	Hydracarina	F	2 +	87540	Hemerodromia sp	F	10
11120	Baetis flavistriga	F	94 +				
21200	Calopteryx sp	F	+				
21300	Hetaerina sp	F	+	No. Quantitative Taxa: 35		Total Taxa: 46	
23600	Aeshna sp	F	+	No. Qualitative Taxa: 21		ICI: 36	
50301	Chimarra aterrima	MI	+	Number of Organisms: 496		Qual EPT: 6	
52200	Cheumatopsyche sp	F	86 +	QCTV:		37.1	
52430	Ceratopsyche morosa group	MI	7 +				
52450	Ceratopsyche sparna	MI	6 +				
52530	Hydropsyche depravata group	F	21 +				
53800	Hydroptila sp	F	10				
68601	Ancyronyx variegata	MI	+				
69400	Stenelmis sp	F	8 +				
71900	Tipula sp	F	+				
74100	Simulium sp	F	+				
77120	Ablabesmyia mallochi	F	3				
77500	Conchapelopia sp	F	10				
77750	Hayesomyia senata or Thienemannimyia norena	F	5				
78450	Nilotanypus fimbriatus	MI	12				
79100	Thienemannimyia group	F	15				
80310	Cardiocladius obscurus	MI	+				
80370	Corynoneura lobata	MI	3				
80420	Cricotopus (C.) bicinctus	MT	5				
80430	Cricotopus (C.) tremulus group	F	26				
80740	Eukiefferiella claripennis group	MT	+				
81650	Parametriocnemus sp	X MI	3				
81825	Rheocricotopus (Psilocricotopus) robacki	MI	2				
82141	Thienemanniella xena	F	9				
82710	Chironomus (C.) sp	T	2				
83050	Dicrotendipes lucifer	MT	5				
83300	Glyptotendipes (G.) sp	MT	3				
84210	Paratendipes albimanus or P. duplicatus	MI	3				
84450	Polypedilum (Uresipedilum) flavum	F	20				