

NEORS - 2006 MACROINVERTEBRATE STUDY
ICI METRICS AND SCORES

L O C A T I O N	D R A M A M A R A	I C I T O R A L	T N A M S T A M E	M A X I M U M	C A T E G O R Y	D I S T R I B U T I O N	P E R C E N T	P E R C E N T	P E R C E N T	P E R C E N T	P E R C E N T	P E R C E N T	P E R C E N T	P E R C E N T	P E R C E N T	P E R C E N T	P E R C E N T	P E R C E N T	P E R C E N T	P E R C E N T	P E R C E N T	P E R C E N T	P E R C E N T	
<u>Big Creek River Mile 0.15</u>																								
BC25	AUG06	38.0	18	754	26	4	1	0	2	4	16	4	13.0	2	3.4	2	4.2	2	79.3	0	52.7	0	2	0
BC25	SEP06	38.0	34	388	25	4	2	0	5	6	13	2	53.1	6	17.3	6	0.5	2	29.1	4	7.2	4	3	0
<u>Doan Brook River Mile 0.75</u>																								
DB16.1	JUL06	10.0	26	382	27	4	1	0	3	6	18	4	8.9	2	1.6	6	16.2	4	73.3	0	31.7	0	2	0
DB16.1	SEP06	10.0	30	288	26	4	2	0	3	6	15	4	16.3	4	3.5	6	11.8	4	68.4	0	22.6	2	1	0
<u>Euclid Creek River Mile 0.55</u>																								
EC0.5(a,b)	AUG06	23.0	4	48	12	0	0	0	1	2	8	2	0.0	0	6.3	0	0.0	0	72.9	0	41.7	0	3	0
EC0.5	SEP06	23.0	24	443	29	4	2	0	2	4	16	4	7.2	2	5.2	4	14.2	4	67.0	0	16.0	2	3	0
<u>Euclid Creek River Mile 0.57</u>																								
EC0.5A	SEP06	23.0	32	264	28	4	1	0	4	6	18	4	0.8	2	4.2	4	34.8	6	59.5	2	9.8	4	3	0
<u>Mill Creek River Mile 0.12</u>																								
MC31	AUG06	18.1	12	297	14	2	1	0	1	2	8	2	0.7	2	3.4	4	0.0	0	96.0	0	74.4	0	1	0
MC31	SEP06	18.1	28	424	24	2	2	0	4	6	12	2	5.9	2	20.5	6	0.7	2	72.6	0	5.7	6	6	2

(a) ICI calculated with surber sample.
 (b) The ICI score is suspect. Low-end scoring instituted for Metrics 5 through 9 due to <50 individuals in the HD sample as per Ohio EPA errata (8 November 2006).

Euclid Creek River Mile 0.55

TAXA COMPOSITION, NUMBER, AND PERCENT OF ORGANISMS COLLECTED IN EACH SURBER, HESTER-DENDY, AND QUALITATIVE AT LOCATION EUCLID CREEK (EC0.5), AUGUST AND SEPTEMBER 2006.

TAXA	AUGUST				SEPTEMBER			
	SURBER		QUAL		HESTER		QUAL	
	#	%	#	%	#	%	#	%
Turbellaria	--	--	3	5.17	13	2.93	4	10.53
Nemertea	--	--	--	--	2	0.45	--	--
Oligochaeta	5	10.42	4	6.90	49	11.06	2	5.26
Helobdella stagnalis	--	--	--	--	1	0.23	--	--
Mooreobdella microstoma	1	2.08	1	1.72	--	--	--	--
Caecidotea	--	--	1	1.72	11	2.48	--	--
Crangonyx	--	--	1	1.72	--	--	1	2.63
Hydracarina	--	--	--	--	1	0.23	--	--
Baetis flavistriga	--	--	1	1.72	31	7.00	2	5.26
Stenonema femoratum	--	--	--	--	1	0.23	--	--
Caenis	--	--	1	1.72	--	--	--	--
Calopteryx	--	--	--	--	--	--	5	13.16
Aeshnidae	--	--	--	--	1	0.23	--	--
Boyeria grafiana	--	--	--	--	--	--	1	2.63
Cheumatopsyche	3	6.25	11	18.97	16	3.61	3	7.89
Hydropsyche depravata grp.	--	--	--	--	7	1.58	1	2.63
Stenelmis	10	20.83	18	31.03	27	6.09	9	23.68
Ablabesmyia mallochii	--	--	--	--	14	3.16	--	--
Thienemannimyia grp.	1	2.08	3	5.17	44	9.93	--	--
Corynoneura lobata	--	--	--	--	5	1.13	--	--
Cricotopus tremulus grp.	8	16.67	1	1.72	24	5.42	2	5.26
Cricotopus bicinctus grp.	12	25.00	5	8.62	5	1.13	1	2.63
Eukiefferiella claripennis grp.	--	--	--	--	--	--	1	2.63
Chironomus	--	--	--	--	3	0.68	1	2.63
Cryptochironomus	--	--	1	1.72	--	--	--	--
Dicrotendipes fumidus	--	--	--	--	24	5.42	1	2.63
Paratendipes	1	2.08	1	1.72	11	2.48	--	--
Phaenopsectra obediens grp.	1	2.08	--	--	--	--	--	--
Polypedilum flavum	--	--	1	1.72	16	3.61	--	--
Polypedilum illinoense	3	6.25	1	1.72	14	3.16	--	--
Polypedilum scalaenum grp.	2	4.17	2	3.45	57	12.87	--	--
Paratanytarsus	--	--	--	--	33	7.45	--	--
Tanytarsus glabrescens grp.	--	--	--	--	27	6.09	1	2.63
Tanytarsus guerlus grp.	--	--	--	--	3	0.68	--	--
Pericoma	--	--	--	--	--	--	2	5.26
Simulium	--	--	1	1.72	1	0.23	1	2.63
Hemerodromia	1	2.08	--	--	1	0.23	--	--
Physa	--	--	1	1.72	--	--	--	--
Helisoma	--	--	--	--	1	0.23	--	--
TOTAL	48	100.00	58	100.00	443	100.00	38	100.00
TOTAL TAXA	12		19		29		17	