

ICI METRICS AND SCORES FOR LOCATION RM 0.12 IN MILL CREEK, AUGUST 2009.

L		I		T	M	C		D		P		P	P	P	P	P	P	P	P	P	Q	P		
O		D	C		N	A		A	N	I		P		P	P	P	P	P	P	P	P	P		
C		R	I	T	U	X	N	Y	N	D	U	P	P	M	P	C	E	T	R	O	E	T	U	
A	M	N	T	O	M	S	U	S	U	S	M	S	E	A	E	A	R	A	O	T	R	O	A	
T	O	A	O	T	T	C	M	C	M	C	D	C	R	Y	R	D	T	N	T	H	T	L	L	
I	N	R	T	N	A	O	M	O	C	O	I	O	M	S	C	S	A	S	H	S	O	S	E	
O	Y	E	A	U	X	R	A	R	A	R	P	R	A	C	A	C	N	C	E	C	L	C	P	
N	R	A	L	M	A	E	Y	E	D	E	T	E	Y	R	D	R	Y	R	R	R	N	R	T	
RM 0.12	Aug09	19.5	34	2,632	27	4	1	0	5	6	15	4	0.5	2	4.4	4	36	6	59	2	14	4	6	2

Number, Percent, and/or Taxa Composition of Organisms Collected in the Hester-Dendy and Qualitative Samples at Location Mill Creek (RM 0.12), August 2009.

TAXA	Hester		Qual
	No.	%	
Turbellaria	6	0.23	X
Oligochaeta	14	0.53	X
Erpobdella punctata punctata	3	0.11	X
Mooreobdella microstoma	52	1.98	X
Caecidotea	10	0.38	--
Crangonyx	--	--	X
Hydracarina	--	--	X
Baetis intercalaris	13	0.49	X
Baetis flavistriga	--	--	X
Hetaerina	1	0.04	X
Boyeria vinosa	--	--	X
Aeshna	--	--	X
Cheumatopsyche	55	2.09	X
Hydropsyche depravata grp.	3	0.11	X
Ceratopsyche morosa	42	1.60	X
Ceratopsyche sparna	8	0.30	X
Hydroptila	9	0.34	--
Berosus	--	--	X
Natarsia sp. A	--	--	X
Thienemannimyia grp.	421	16.00	X
Thienemanniella xena	--	--	X
Cardiocladius	65	2.47	X
Cricotopus tremulus grp.	259	9.84	X
Cricotopus bicinctus grp.	291	11.06	X
Cricotopus sylvestris grp.	--	--	X
Chironomus	--	--	X
Cryptochironomus	32	1.22	X
Dicrotendipes neomodestus	--	--	X
Paratendipes	32	1.22	X
Phaenopsectra flavipes	--	--	X
Phaenopsectra obediens	--	--	X
Polypedilum fallax grp.	65	2.47	--
Polypedilum flavum	227	8.62	X
Polypedilum illinoense	--	--	X
Polypedilum scalaenum grp.	65	2.47	X
Paratanytarsus	356	13.53	X
Rheotanytarsus	291	11.06	--
Tanytarsus	259	9.84	X
Tanytarsus glabrescens grp.	48	1.82	--
Anopheles	--	--	X
Tipula	2	0.08	--
Hemerodromia	3	0.11	--
Fossaria	--	--	X
TOTAL	2,632	100.00	
Total Taxa Richness	27		36

ICI METRICS AND SCORES FOR LOCATION RM 8.30 IN MILL CREEK, JULY AND AUGUST 2009.

L		I		T	M	C	D		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
O		D	C		N	A	A		A	N	I		P	P	P	P	P	P	P	P	P	P	P	
C		R	I	T	U	X	N	Y	N	D	U	P	P	M	P	C	E	T	R	O	E	T	U	
A	M	N	T	O	M	S	U	S	U	S	M	S	E	A	E	A	R	A	O	T	R	O	A	
T	O	A	O	T	T	C	M	C	M	C	D	C	R	Y	R	D	T	N	T	H	T	L	L	
I	N	R	T	N	A	O	M	O	C	O	I	O	M	S	C	S	A	S	H	S	O	S	E	
O	Y	E	A	U	X	R	A	R	A	R	P	R	A	C	A	C	N	C	E	C	L	C	P	
N	R	A	L	M	A	E	Y	E	D	E	T	E	Y	R	D	R	Y	R	R	R	N	R	E	
RM 8.30	Jul09	10.0	24	2,486	24	2	1	0	2	4	18	4	3.5	2	3.6	6	17	4	76	0	19	2	2	0

Number, Percent, and/or Taxa Composition of Organisms Collected in the Hester-Dendy and Qualitative Samples at Location Mill Creek (RM 8.30), July 2009.

TAXA	Hester		Qual
	No.	%	
Turbellaria	50	2.01	X
Plumatella	1	0.04	--
Oligochaeta	105	4.22	X
Crangonyx	--	--	X
Hydracarina	--	--	X
Baetis flavistriga	88	3.54	X
Argia	--	--	X
Enallagma	--	--	X
Aeshna	--	--	X
Cheumatopsyche	7	0.28	--
Hydroptila	83	3.34	X
Stenelmis	--	--	X
Thienemannimyia grp.	480	19.31	X
Corynoneura	16	0.64	--
Cricotopus tremulus grp.	112	4.51	X
Cricotopus bicinctus grp.	288	11.58	X
Nanocladius distinctus	80	3.22	--
Cryptochironomus	--	--	X
Dicrotendipes neomodestus	176	7.08	--
Dicrotendipes fumidus	16	0.64	X
Paratendipes	48	1.93	X
Phaenopsectra flavipes	64	2.57	--
Phaenopsectra obediens	16	0.64	--
Polypedilum flavum	--	--	X
Polypedilum scalaenum grp.	416	16.73	X
Paratanytarsus	320	12.87	--
Tanytarsus	16	0.64	--
Tanytarsus glabrescens grp.	80	3.22	--
Tanytarsus sepp	16	0.64	--
Simulium	--	--	X
Tipula	6	0.24	X
Hemerodromia	1	0.04	X
Muscidae	1	0.04	--
Physa	--	--	X
TOTAL	2,486	100.00	
Total Taxa Richness	24		22