

Number, Percent, and/or Taxa Composition of Organisms Collected in the Hester-Dendy and Qualitative Samples at Location Big Creek (RM 0.15), July 2009.

TAXA	Hester		Qual
	No.	%	
Turbellaria	--	--	X
Oligochaeta	113	2.96	X
Helobdella stagnalis	--	--	X
Erpobdella punctata punctata	2	0.05	X
Mooreobdella microstoma	35	0.92	X
Caecidotea	--	--	X
Crangonyx	--	--	X
Baetis intercalaris	--	--	X
Baetis flavistriga	384	10.06	X
Enallagma	--	--	X
Boyeria vinosa	--	--	X
Aeshna	--	--	X
Cheumatopsyche	272	7.13	X
Hydropsyche depravata grp.	193	5.06	X
Hydropsyche dicantha	48	1.26	--
Ceratopsyche morosa	64	1.68	X
Ceratopsyche sparna	--	--	X
Hydroptila	209	5.48	--
Agabus	--	--	X
Stenelmis	--	--	X
Thienemannimyia grp.	352	9.22	X
Brillia	16	0.42	--
Cardiocladius	400	10.48	--
Cricotopus tremulus grp.	512	13.41	X
Cricotopus bicinctus grp.	528	13.83	--
Cricotopus trifascia grp.	128	3.35	--
Parametriocnemus	16	0.42	--
Phaenopsectra obediens	--	--	X
Polypedilum fallax grp.	48	1.26	--
Polypedilum flavum	16	0.42	--
Polypedilum illinoense	48	1.26	--
Polypedilum scalaenum grp.	16	0.42	--
Paratanytarsus	96	2.52	--
Rheotanytarsus	128	3.35	X
Tanytarsus glabrescens grp.	16	0.42	--
Simulium	48	1.26	X
Tipula	1	0.03	--
Hemerodromia	128	3.35	--
Physa	--	--	X
TOTAL	3,817	100.00	
Total Taxa Richness	26		24

ICI METRICS AND SCORES FOR LOCATIONS RM 4.40 AND RM 4.70 IN BIG CREEK, JULY AND SEPTEMBER 2009.

L	O	C	A	T	I	O	N	A	M	C	D	P	P	P	P	P	P	P	P	P	P	P	P	
O	C	A	T	I	O	N	A	M	C	D	P	P	P	P	P	P	P	P	P	P	P	P	P	
A	T	I	O	N	A	M	C	D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
O	N	A	M	C	D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
N	R	A	L	M	A	E	Y	E	D	E	T	E	Y	R	D	R	Y	R	R	R	R	R	R	
RM 4.40	Sep09	19.3	--(a)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6	2
RM 4.70	Jul09	10	12	1,776	21	2	0	0	0	0	16	4	0	0	0	0	20	6	80	0	30	0	1	0

(a) No Hester-Dendy samplers collected.

Number, Percent, and/or Taxa Composition of Organisms Collected in the Qualitative Sample at Location Big Creek-East Branch (RM 4.40), September 2009.

<u>TAXA</u>	<u>Qual</u>
Turbellaria	X
Erpobdella punctata punctata	X
Caecidotea	X
Crangonyx	X
Baetis intercalaris	X
Baetis flavistriga	X
Calopteryx	X
Argia	X
Enallagma	X
Cheumatopsyche	X
Hydropsyche depravata grp.	X
Ceratopsyche morosa	X
Ceratopsyche sparna	X
Thienemannimyia grp.	X
Thienemanniella xena	X
Cardiocladius	X
Cricotopus bicinctus grp.	X
Paratendipes	X
Polypedilum illinoense	X
Rheotanytarsus	X
Simulium	X
Tipula	X
Total Taxa Richness	22

Number, Percent, and/or Taxa Composition of Organisms Collected in the Hester-Dendy and Qualitative Samples at Location Big Creek-Ford Branch (RM 4.70), July 2009.

TAXA	Hester		Qual
	No.	%	
Turbellaria	28	1.58	X
Oligochaeta	232	13.06	X
Helobdella stagnalis	88	4.95	X
Erpobdella punctata punctata	--	--	X
Mooreobdella microstoma	11	0.62	X
Crangonyx	--	--	X
Baetis flavistriga	--	--	X
Enallagma	--	--	X
Aeshna	--	--	X
Archilestes grandis	--	--	X
Ablabesmyia mallochi	16	0.90	X
Thienemannimyia grp.	624	35.14	X
Cricotopus bicinctus grp.	160	9.01	X
Cricotopus sylvestris grp.	24	1.35	X
Nanocladius			
crassicornus/rectinervis	24	1.35	--
Chironomus	40	2.25	--
Dicrotendipes neomodestus	16	0.90	X
Dicrotendipes simpsoni	24	1.35	--
Paratendipes	16	0.90	--
Phaenopsectra flavipes	40	2.25	--
Polypedilum fallax grp.	16	0.90	--
Polypedilum illinoense	40	2.25	X
Polypedilum scalaenum grp.	16	0.90	--
Micropsectra	24	1.35	--
Paratanytarsus	320	18.02	X
Tanytarsus	16	0.90	--
Hemerodromia	--	--	X
Physa	1	0.06	--
TOTAL	1,776	100.00	
Total Taxa Richness	21		18