

Appendix B: Macroinvertebrate Data

Note: Counts should not be compared between 2015 and 2016. 2015 samples were based on a 300 bug sub-sample. The 2016 samples were based on a 500 bug sub-sample. MMI scores are based on relative abundance, and are comparable across sites

Appendix B. Macroinvertebrates collected September 22, 2016.									
Taxon	N. Fk White blw. Lost Cr	N. Fk White @ CR14	N. Fk White @ Westlands	N. Fk White @ Bel Aire	S. Fk White @ Bel Aire	White @ Sleepy Cat	White @ Wakara	White @ Meeker Pasture	White @ 5th St. Br.
TURBELLARIA (Flatworms)									
<i>Dugesia</i> sp.							1	35	12
<i>Polycelis coronata</i>		6	1		1	6			
NEMATODA (Roundworms)									
	1		1						
OLIGOCHAETA (Segmented Worms)									
Lumbricidae									1*
Naididae		53	30	116			4	31	
Tubificidae with hair chaetae							1		
ACARI (Mites)									
<i>Atractides</i> sp.				2	2				
<i>Hygrobatas</i> sp.							1	14	
<i>Lebertia</i> sp.	3	5	6	2	1	1	3		
<i>Protzia</i> sp.			1					1	
<i>Sperchon</i> sp.	10	35	53	4	39	21			2
<i>Torrenticola</i> sp.								1	
EPHEMEROPTERA (Mayflies)									
<i>Baetis tricaudatus/bicaudatus</i>	3	39	43	8	10		7	10	18
<i>Drunella doddsii</i>	11								
<i>Drunella grandis</i>	30	15	5	1*	32	1	2	1	1*
<i>Epeorus</i> sp.					3		4		
<i>Ephemerella</i> sp.	52	9	6	2	15	3	303	144	271
<i>Paraleptophlebia</i> sp.	1	2			6	2	16	5	10
<i>Rhithrogena</i> sp.	52								2
<i>Tricorythodes explicatus</i>							6	29	6
PLECOPTERA (Stoneflies)									
Capniidae			2						
<i>Diura knowltoni</i>	1*								
<i>Isogenoides</i> sp.								1*	
<i>Isoperla</i> sp.	3	3					1	40	9
Perlodidae (<i>Cultus</i> sp.)				1				1	
<i>Pteronarcys californica</i>		1*							
<i>Pteronarcella badia</i>	6								
<i>Sweltsa</i> sp.	16	1	2	1*					
<i>Triznaka signata</i>		4	21	8	6	11	16	5	2
TRICHOPTERA (Caddisflies)									
<i>Arctopsyche grandis</i>	4				1*				
<i>Brachycentrus americanus</i>	5	23	200	52	29	114		6	
<i>Brachycentrus occidentalis</i>	4	1	1						
<i>Brachycentrus</i> sp.							1*		7
<i>Ceraclea</i> sp.					1				
<i>Ceratopsyche cockerelli</i>	5	11	20		11	3		1*	3
<i>Ceratopsyche oslari</i>	37	2			44				
<i>Cheumatopsyche</i> sp.								3	9
<i>Culoptila</i> sp.						3			
<i>Glossosoma</i> sp.	83	8			33	2			
<i>Helicopsyche borealis</i>								3	2
<i>Hesperophylax</i> sp.				1*					
<i>Hydropsyche occidentalis</i>								11	5

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<i>Hydroptila</i> sp.								1	
<i>Lepidostoma</i> sp.	86	165	102	81	193	102	17	4	2
Limnephilidae								1	
<i>Oecetis</i> sp.							1	12	10
<i>Oligophlebodes</i> sp.	14								
<i>Protoptila</i> sp.						7			
<i>Rhyacophila coloradensis</i>		8	1	1					
<i>Rhyacophila sibirica</i> group	1								
COLEOPTERA (Beetles)									
<i>Dubiraphia</i> sp.								1	
<i>Heterlimnius corpulentus</i>	1								
<i>Narpus concolor</i>			1*						
<i>Optioservus</i> sp.	22	108	134	116	117	137	74	60	39
<i>Zaitzevia parvula</i>	10	9	11	5	24	20	58	24	46
DIPTERA (True Flies)									
<i>Antocha</i> sp.	6	6	10	6	40	16		1	
<i>Atherix pachypus</i>	10	2	6		1		1	1*	1*
<i>Bibliocephala grandis</i>	36								
<i>Cardiocladius</i> sp.				1					
Ceratopogoninae									1
<i>Cricotopus nostocicola</i>	6		85	66	38	32			
<i>Cricotopus/Orthocladus</i> sp.	2	3	5	58	1	23	46	45	11
<i>Cryptochironomus</i> sp.								2	
<i>Diamesa</i> sp.							1*		
<i>Eukiefferiella</i> sp.	3	26	2	14	8	17	8	14	6
<i>Hemerodromia</i> sp.						1			2
<i>Hexatoma</i> sp.	1*	1	6	6	3	1	3	1*	1*
<i>Limnophyes</i> sp.	1	3							
<i>Micropsectra</i> sp.	1	1	1		1		1		
<i>Microtendipes</i> sp.						6	3	10	27
<i>Neoplasta</i> sp.	1				4	4			
<i>Parakiefferiella</i> sp.							1		
<i>Parametricnemus</i> sp.		1		2		1		2	
<i>Pericoma</i> sp.	16	7	1	1		1			
<i>Polypedilum</i> sp.		6	1			1	1	1	1
<i>Potthastia</i> sp.							2	1	
<i>Rheocricotopus</i> sp.									1
<i>Simulium</i> sp.	10	1	2	2			1	4	
<i>Stictochironomus</i> sp.							4	1	
<i>Sublettea</i> sp.			1	2	8	1			
<i>Thienemannimyia</i> group			1	1	1		1		2
<i>Tvetenia</i> sp.		1		1	1	2	5	10	2
<i>Wiedemannia</i> sp.		3				14		1	
GASTROPODA (Snails)									
Lymnaeidae						2			
<i>Physa</i> sp.				1	4	3	9		2
TOTAL ORGANISMS	552	568	761	558	677	558	601	535	510
Rare Taxa	2	1	1	3	1	0	2	4	4