

GAEPD Example Tolerance Values/FFG/Habit Values for Macroinvertebrates for the State																		
BenTaxalID	FinalID	Phylum	Class	Subclass	Order	Suborder	Family	Subfamily	Tribe	Genus	Subgenus	Species	Subspecies	Variety	ToVal	*ToValINC	FFG	Habit
1	Paraleuctra sara	Arthropoda	Insecta		Plecoptera		Leuctridae			Paraleuctra		sara			0		Shredder	Sprawler
2	Zealeuctra	Arthropoda	Insecta		Plecoptera		Leuctridae			Zealeuctra					0.7		Shredder	Unidentified
3	Amphinemura delosa	Arthropoda	Insecta		Plecoptera		Nemouridae			Amphinemura		delosa			3.4		Shredder	Sprawler
4	Ostrocerca	Arthropoda	Insecta		Plecoptera		Nemouridae	Nemourinae		Ostrocerca					3.2		Unidentified	Sprawler
5	Peltoperla	Arthropoda	Insecta		Plecoptera		Peltoperlidae			Peltoperla					1.4		Shredder	Clinger
6	Acroneuria abnormis	Arthropoda	Insecta		Plecoptera		Perlidae			Acroneuria		abnormis			2.2	2.2	Predator	Clinger
7	Acroneuria internata	Arthropoda	Insecta		Plecoptera		Perlidae			Acroneuria		internata			1.36		Predator	Clinger
8	Acroneuria mela	Arthropoda	Insecta		Plecoptera		Perlidae			Acroneuria		mela			0.9	0.9	Predator	Clinger
9	Hansonoperla	Arthropoda	Insecta		Plecoptera		Perlidae			Hansonoperla					1		Unidentified	Unidentified
10	Neoperla	Arthropoda	Insecta		Plecoptera		Perlidae			Neoperla					1.6	1.6	Predator	Clinger
11	Perlesta placida	Arthropoda	Insecta		Plecoptera		Perlidae			Perlesta		placida			4.9	4.9	Omnivore	Clinger
12	Perlinella ephyre	Arthropoda	Insecta		Plecoptera		Perlidae			Perlinella		ephyre			0		Predator	Clinger
13	Agnentina capitata	Arthropoda	Insecta		Plecoptera		Perlidae			Agnentina		capitata			0		Predator	Clinger
14	Isoperla bilineata	Arthropoda	Insecta		Plecoptera		Perlodidae	Isoperlinae		Isoperla		bilineata			5.5	5.5	Predator	Unidentified
15	Isoperla clio	Arthropoda	Insecta		Plecoptera		Perlodidae	Isoperlinae		Isoperla		clio			2.3		Predator	Unidentified
16	Isoperla holochlora	Arthropoda	Insecta		Plecoptera		Perlodidae	Isoperlinae		Isoperla		holochlora			0	0	Predator	Unidentified
17	Isoperla nana	Arthropoda	Insecta		Plecoptera		Perlodidae	Isoperlinae		Isoperla		nana			2.3		Predator	Unidentified
18	Isoperla orata	Arthropoda	Insecta		Plecoptera		Perlodidae	Isoperlinae		Isoperla		orata			0	0	Omnivore	Unidentified
19	Remenus bilobatus	Arthropoda	Insecta		Plecoptera		Perlodidae	Perlodinae	Diploperlini	Remenus		bilobatus			0.3	0.3	Unidentified	Unidentified
20	Oemopteryx contorta	Arthropoda	Insecta		Plecoptera		Taeniopterygidae			Oemopteryx		contorta			2		Unidentified	Unidentified
21	Strophopteryx	Arthropoda	Insecta		Plecoptera		Taeniopterygidae			Strophopteryx					2.5	2.5	Unidentified	Unidentified
22	Strophopteryx fasciata	Arthropoda	Insecta		Plecoptera		Taeniopterygidae			Strophopteryx		fasciata			2.5		Unidentified	Unidentified
23	Taeniopteryx parvula	Arthropoda	Insecta		Plecoptera		Taeniopterygidae			Taeniopteryx		parvula			6.3		Unidentified	Unidentified
24	Pteronarcys dorsata	Arthropoda	Insecta		Plecoptera		Pteronarcyidae			Pteronarcys		dorsata			1.8	1.8	Shredder	Unidentified
25	Acentrella	Arthropoda	Insecta		Ephemeroptera		Baetidae			Acentrella					3.6		Gather/Collector	Swimmer
26	Acentrella ampla	Arthropoda	Insecta		Ephemeroptera		Baetidae			Acentrella		ampla			3.6		Gather/Collector	Unidentified
27	Acerpenna	Arthropoda	Insecta		Ephemeroptera		Baetidae			Acerpenna					3.7		Shredder	Swimmer
28	Baetis brunneicolor	Arthropoda	Insecta		Ephemeroptera		Baetidae			Baetis		brunneicolor			5.3857		Unidentified	Unidentified
29	Baetis intercalaris	Arthropoda	Insecta		Ephemeroptera		Baetidae			Baetis		intercalaris			5.8	5.8	Omnivore	Unidentified
30	Baetis pluto	Arthropoda	Insecta		Ephemeroptera		Baetidae			Baetis		pluto			4.8	4.8	Unidentified	Unidentified
31	Baetis propinquus	Arthropoda	Insecta		Ephemeroptera		Baetidae			Baetis		propinquus			6.2	6.2	Omnivore	Unidentified
32	Callibaetis	Arthropoda	Insecta		Ephemeroptera		Baetidae			Callibaetis					9.3	9.3	Gather/Collector	Unidentified
33	Centroptilum	Arthropoda	Insecta		Ephemeroptera		Baetidae			Centroptilum					6.3	6.3	Gather/Collector	Unidentified
34	Heterocloeon curiosum	Arthropoda	Insecta		Ephemeroptera		Baetidae			Heterocloeon		curiosum			3.6		Scraper	Unidentified
35	Heterocloeon petersi	Arthropoda	Insecta		Ephemeroptera		Baetidae			Heterocloeon		petersi			3.6		Scraper	Unidentified
36	Paracloeodes	Arthropoda	Insecta		Ephemeroptera		Baetidae			Paracloeodes					8.7	8.7	Scraper	Swimmer
37	Procloeon	Arthropoda	Insecta		Ephemeroptera		Baetidae			Procloeon					4		Omnivore	Swimmer
38	Pseudocloeon	Arthropoda	Insecta		Ephemeroptera		Baetidae			Pseudocloeon					4.4	4.4	Scraper	Unidentified
39	Baetisca gibbera	Arthropoda	Insecta		Ephemeroptera		Baetiscidae			Baetisca		gibbera			1.4	1.4	Unidentified	Unidentified
40	Baetisca obesa	Arthropoda	Insecta		Ephemeroptera		Baetiscidae			Baetisca		obesa			1.87		Omnivore	Unidentified
41	Baetisca rogersi	Arthropoda	Insecta		Ephemeroptera		Baetiscidae			Baetisca		rogersi			1.87		Omnivore	Unidentified
42	Brachycercus nitidus	Arthropoda	Insecta		Ephemeroptera		Caenidae			Brachycercus		nitidus			3.5		Gather/Collector	Sprawler
43	Caenis mcafferti	Arthropoda	Insecta		Ephemeroptera		Caenidae			Caenis		mcafferti			7		Gather/Collector	Unidentified
44	Attenella attenuata	Arthropoda	Insecta		Ephemeroptera		Ephemerellidae			Attenella		attenuata			2.6	2.6	Gather/Collector	Clinger
45	Dannella lita	Arthropoda	Insecta		Ephemeroptera		Ephemerellidae			Dannella		lita			0	0	Gather/Collector	Unidentified
46	Ephemerella inconstans	Arthropoda	Insecta		Ephemeroptera		Ephemerellidae			Ephemerella		inconstans			1.657		Unidentified	Unidentified
47	Ephemerella invaria	Arthropoda	Insecta		Ephemeroptera		Ephemerellidae			Ephemerella		invaria			2.2	2.2	Unidentified	Unidentified
48	Ephemerella rotunda	Arthropoda	Insecta		Ephemeroptera		Ephemerellidae			Ephemerella		rotunda			2.8	2.8	Omnivore	Unidentified
49	Eurylophella doris complex	Arthropoda	Insecta		Ephemeroptera		Ephemerellidae			Eurylophella		doris			2.98		Gather/Collector	Unidentified
50	Hexagenia limbata	Arthropoda	Insecta		Ephemeroptera		Ephemeridae			Hexagenia		limbata			4.7		Gather/Collector	Burrower
51	Heptagenia julia	Arthropoda	Insecta		Ephemeroptera		Heptageniidae			Heptagenia		julia			0.5	0.5	Unidentified	Clinger
52	Heptagenia marginalis	Arthropoda	Insecta		Ephemeroptera		Heptageniidae			Heptagenia		marginalis			2.5	2.5	Unidentified	Clinger
53	Stenacron interpunctatum	Arthropoda	Insecta		Ephemeroptera		Heptageniidae			Stenacron		interpunctatum			7.1	7.1	Omnivore	Clinger
54	Stenonema	Arthropoda	Insecta		Ephemeroptera		Heptageniidae			Stenonema					3.3545		Scraper	Clinger
55	Stenonema annexum	Arthropoda	Insecta		Ephemeroptera		Heptageniidae			Stenonema		annexum			3.3545		Unidentified	Clinger
56	Stenonema exiguum	Arthropoda	Insecta		Ephemeroptera		Heptageniidae			Stenonema		exiguum			3.3545		Omnivore	Clinger
57	Stenonema femoratum	Arthropoda	Insecta		Ephemeroptera		Heptageniidae			Stenonema		femoratum			7.5	7.5	Unidentified	Clinger
58	Stenonema integrum	Arthropoda	Insecta		Ephemeroptera		Heptageniidae			Stenonema		integrum			5.5	5.5	Omnivore	Clinger
59	Stenonema marginalis	Arthropoda	Insecta		Ephemeroptera		Heptageniidae			Stenonema		marginalis			3.3545		Unidentified	Clinger

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60	Stenonema modestum	Arthropoda	Insecta		Ephemeroptera		Heptageniidae			Stenonema		modestum			5.8	5.8	Scraper	Clinger
61	Stenonema pudicum	Arthropoda	Insecta		Ephemeroptera		Heptageniidae			Stenonema		pudicum			2.1	2.1	Unidentified	Clinger
62	Stenonema sinclairi	Arthropoda	Insecta		Ephemeroptera		Heptageniidae			Stenonema		sinclairi			3.3545		Unidentified	Clinger
63	Stenonema smithae	Arthropoda	Insecta		Ephemeroptera		Heptageniidae			Stenonema		smithae			3.3545		Omnivore	Clinger
64	Stenonema terminatum	Arthropoda	Insecta		Ephemeroptera		Heptageniidae			Stenonema		terminatum			4.5	4.5	Unidentified	Clinger
65	Isonychia	Arthropoda	Insecta		Ephemeroptera		Isonychiidae			Isonychia					3.8	3.8	Filterer/Collector	Swimmer
66	Leptophlebia	Arthropoda	Insecta		Ephemeroptera		Leptophlebiidae			Leptophlebia					6.4	6.4	Gather/Collector	Swimmer
67	Neophemera purpurea	Arthropoda	Insecta		Ephemeroptera		Neophemeridae			Neophemera		purpurea			2.1	2.1	Gather/Collector	Unidentified
68	Neophemera youngi	Arthropoda	Insecta		Ephemeroptera		Neophemeridae			Neophemera		youngi			2.1		Gather/Collector	Unidentified
69	Tricorythodes	Arthropoda	Insecta		Ephemeroptera		Tricorythidae			Tricorythodes					5.4	5.4	Gather/Collector	Sprawler
70	Aeshna umbrosa	Arthropoda	Insecta		Odonata		Aeshnidae			Aeshna		umbrosa			5		Predator	Climber
71	Boyeria vinosa	Arthropoda	Insecta		Odonata		Aeshnidae			Boyeria		vinosa			6.3	6.3	Predator	Climber
72	Epiaeschna heros	Arthropoda	Insecta		Odonata		Aeshnidae			Epiaeschna		heros			7.075		Predator	Climber
73	Calopteryx maculata	Arthropoda	Insecta		Odonata		Calopterygidae			Calopteryx		maculata			8.3		Predator	Climber
74	Argia	Arthropoda	Insecta		Odonata		Coenagrionidae			Argia					6		Predator	Unidentified
75	Argia bipunctulata	Arthropoda	Insecta		Odonata		Coenagrionidae			Argia		bipunctulata			6		Predator	Unidentified
76	Argia fumipennis	Arthropoda	Insecta		Odonata		Coenagrionidae			Argia		fumipennis			6		Predator	Unidentified
77	Argia sedula	Arthropoda	Insecta		Odonata		Coenagrionidae			Argia		sedula			6		Predator	Unidentified
78	Argia tibialis	Arthropoda	Insecta		Odonata		Coenagrionidae			Argia		tibialis			6		Predator	Clinger
79	Enallagma	Arthropoda	Insecta		Odonata		Coenagrionidae			Enallagma					9	9	Predator	Climber
80	Enallagma divagans	Arthropoda	Insecta		Odonata		Coenagrionidae			Enallagma		divagans			9		Predator	Climber
81	Nehalennia gracilis	Arthropoda	Insecta		Odonata		Coenagrionidae			Nehalennia		gracilis			9		Predator	Climber
82	Cordulegaster maculata	Arthropoda	Insecta		Odonata		Cordulegasteridae			Cordulegaster		maculata			6.1		Predator	Sprawler
83	Didymops transversa	Arthropoda	Insecta		Odonata		Corduliidae			Didymops		transversa			5		Predator	Climber
84	Dromogomphus spinosus	Arthropoda	Insecta		Odonata		Gomphidae			Dromogomphus		spinosus			6.3		Predator	Burrower
85	Gomphus	Arthropoda	Insecta		Odonata		Gomphidae			Gomphus					6.2	6.2	Predator	Unidentified
86	Gomphus borealis	Arthropoda	Insecta		Odonata		Gomphidae			Gomphus		borealis			6.2		Predator	Unidentified
87	Gomphus geminatus	Arthropoda	Insecta		Odonata		Gomphidae			Gomphus		geminatus			6.2		Predator	Unidentified
88	Hagenius brevistylus	Arthropoda	Insecta		Odonata		Gomphidae			Hagenius		brevistylus			4	4	Predator	Burrower
89	Lanthus vernalis	Arthropoda	Insecta		Odonata		Gomphidae			Lanthus		vernalis			2.7		Predator	Burrower
90	Ophiogomphus carolinus	Arthropoda	Insecta		Odonata		Gomphidae			Ophiogomphus		carolinus			6.2		Predator	Burrower
91	Ophiogomphus mainensis	Arthropoda	Insecta		Odonata		Gomphidae			Ophiogomphus		mainensis			6.2		Predator	Burrower
92	Progomphus obscurus	Arthropoda	Insecta		Odonata		Gomphidae			Progomphus		obscurus			8.7	8.7	Predator	Burrower
93	Progomphus spinosus	Arthropoda	Insecta		Odonata		Gomphidae			Progomphus		spinosus			8.7		Predator	Burrower
94	Stylogomphus albistylus	Arthropoda	Insecta		Odonata		Gomphidae			Stylogomphus		albistylus			4.8	4.8	Predator	Burrower
95	Macromia alleghaniensis	Arthropoda	Insecta		Odonata		Corduliidae	Macromiinae		Macromia		alleghaniensis			6.7		Predator	Sprawler
96	Macromia taeniolata	Arthropoda	Insecta		Odonata		Corduliidae	Macromiinae		Macromia		taeniolata			6.7		Predator	Sprawler
97	Micrasema	Arthropoda	Insecta		Trichoptera		Brachycentridae			Micrasema					0.58	0	Shredder	Unidentified
98	Ceratopsyche alhedra	Arthropoda	Insecta		Trichoptera		Hydropsychidae			Ceratopsyche		alhedra			0	0	Filterer/Collector	Clinger
99	Ceratopsyche sparna	Arthropoda	Insecta		Trichoptera		Hydropsychidae			Ceratopsyche		sparna			3.2	3.2	Filterer/Collector	Clinger
100	Cheumatopsyche	Arthropoda	Insecta		Trichoptera		Hydropsychidae			Cheumatopsyche					6.6	6.6	Filterer/Collector	Clinger
101	Diplectrona modesta	Arthropoda	Insecta		Trichoptera		Hydropsychidae			Diplectrona		modesta			2.2	2.2	Filterer/Collector	Clinger
102	Hydropsyche	Arthropoda	Insecta		Trichoptera		Hydropsychidae			Hydropsyche					3.989		Filterer/Collector	Clinger
103	Hydropsyche betteni	Arthropoda	Insecta		Trichoptera		Hydropsychidae			Hydropsyche		betteni			8.1	8.1	Filterer/Collector	Clinger
104	Hydropsyche carolina	Arthropoda	Insecta		Trichoptera		Hydropsychidae			Hydropsyche		carolina			3.989		Filterer/Collector	Clinger
105	Hydropsyche decalda	Arthropoda	Insecta		Trichoptera		Hydropsychidae			Hydropsyche		decalda			4.1	4.1	Filterer/Collector	Clinger
106	Hydropsyche demora	Arthropoda	Insecta		Trichoptera		Hydropsychidae			Hydropsyche		demora			1.8	1.8	Filterer/Collector	Clinger
107	Hydropsyche frisoni	Arthropoda	Insecta		Trichoptera		Hydropsychidae			Hydropsyche		frisoni			3.989		Filterer/Collector	Clinger
108	Hydropsyche mississippiensis	Arthropoda	Insecta		Trichoptera		Hydropsychidae			Hydropsyche		mississippiensis			3.989		Filterer/Collector	Clinger
109	Hydropsyche scalaris	Arthropoda	Insecta		Trichoptera		Hydropsychidae			Hydropsyche		scalaris			3	3	Filterer/Collector	Clinger
110	Hydropsyche simulans	Arthropoda	Insecta		Trichoptera		Hydropsychidae			Hydropsyche		simulans			3.989		Filterer/Collector	Clinger
111	Hydropsyche venularis	Arthropoda	Insecta		Trichoptera		Hydropsychidae			Hydropsyche		venularis			5.3	5.3	Filterer/Collector	Clinger
112	Parapsyche cardis	Arthropoda	Insecta		Trichoptera		Hydropsychidae			Parapsyche		cardis			0	0	Unidentified	Clinger
113	Hydroptila	Arthropoda	Insecta		Trichoptera		Hydroptilidae			Hydroptila					6.2	6.2	Scraper	Clinger
114	Ochrotrichia	Arthropoda	Insecta		Trichoptera		Hydroptilidae			Ochrotrichia					7.2	7.2	Gather/Collector	Clinger
115	Orthotrichia	Arthropoda	Insecta		Trichoptera		Hydroptilidae			Orthotrichia					6		Scraper	Clinger
116	Lepidostoma	Arthropoda	Insecta		Trichoptera		Lepidostomatidae			Lepidostoma					1	1	Shredder	Unidentified
117	Nectopsyche candida	Arthropoda	Insecta		Trichoptera		Leptoceridae	Leptocerinae	Nectopsychini	Nectopsyche		candida			3.8	3.8	Omnivore	Unidentified
118	Nectopsyche exquisita	Arthropoda	Insecta		Trichoptera		Leptoceridae	Leptocerinae	Nectopsychini	Nectopsyche		exquisita			4.2	4.2	Omnivore	Unidentified

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119	Oecetis avara	Arthropoda	Insecta		Trichoptera		Leptoceridae	Leptocerinae	Oecetini	Oecetis		avara			5.7		Unidentified	Unidentified
120	Oecetis inconspicua	Arthropoda	Insecta		Trichoptera		Leptoceridae	Leptocerinae	Oecetini	Oecetis		inconspicua			8		Unidentified	Unidentified
121	Setodes incerta	Arthropoda	Insecta		Trichoptera		Leptoceridae	Leptocerinae	Setodini	Setodes		incerta			0.9		Unidentified	Unidentified
122	Pycnopsyche scabripennis	Arthropoda	Insecta		Trichoptera		Limnephilidae			Pycnopsyche		scabripennis			4	4	Shredder	Unidentified
123	Chimarra	Arthropoda	Insecta		Trichoptera		Philopotamidae			Chimarra					2.8	2.8	Filterer/Collector	Clinger
124	Neureclipsis	Arthropoda	Insecta		Trichoptera		Polycentropodidae			Neureclipsis					4.4	4.4	Filterer/Collector	Clinger
125	Polycentropus	Arthropoda	Insecta		Trichoptera		Polycentropodidae			Polycentropus					3.5	3.5	Predator	Clinger
126	Corydalus cornutus	Arthropoda	Insecta		Megaloptera		Corydalidae			Corydalus		cornutus			5.6	5.6	Predator	Clinger
127	Nigronia fasciatus	Arthropoda	Insecta		Megaloptera		Corydalidae			Nigronia		fasciatus			6.2	6.2	Predator	Unidentified
128	Nigronia serricornis	Arthropoda	Insecta		Megaloptera		Corydalidae			Nigronia		serricornis			5.5	5.5	Predator	Clinger
129	Chilo	Arthropoda	Insecta		Lepidoptera		Pyralidae			Chilo					4.675		Shredder	Burrower
130	Crambus	Arthropoda	Insecta		Lepidoptera		Pyralidae			Crambus					4.675		Shredder	Climber
131	Darapsa versicolor	Arthropoda	Insecta		Lepidoptera		Sphingidae			Darapsa		versicolor			6		Shredder	Unidentified
132	Belostoma testaceum	Arthropoda	Insecta		Heteroptera		Belostomatidae			Belostoma		testaceum			9.8		Predator	Unidentified
133	Corixidae	Arthropoda	Insecta		Heteroptera		Corixidae								9	9	Predator	Swimmer
134	Gelastocoris oculatus	Arthropoda	Insecta		Heteroptera		Gelastocoridae			Gelastocoris		oculatus			8.767		Predator	Skater
135	Metrobates hesperius	Arthropoda	Insecta		Heteroptera		Gerridae			Metrobates		hesperius			6.67		Predator	Skater
136	Rheumatobates tenuipes	Arthropoda	Insecta		Heteroptera		Gerridae			Rheumatobates		tenuipes			6.67		Predator	Skater
137	Trepobates inermis	Arthropoda	Insecta		Heteroptera		Gerridae			Trepobates		inermis			10		Predator	Unidentified
138	Lipogomphus	Arthropoda	Insecta		Heteroptera		Hebridae			Lipogomphus					8.767		Predator	Unidentified
139	Paraplea	Arthropoda	Insecta		Heteroptera		Pliidae			Paraplea					8.77		Predator	Unidentified
140	Rhagovelia obesa	Arthropoda	Insecta		Heteroptera		Veliidae			Rhagovelia		obesa			6		Predator	Skater
141	Helichus rugosus	Arthropoda	Insecta		Coleoptera		Dryopidae			Helichus		rugosus			5.4		Shredder	Clinger
142	Dytiscus	Arthropoda	Insecta		Coleoptera		Dytiscidae			Dytiscus					5		Predator	Swimmer
143	Hydroporus (Neoporus)	Arthropoda	Insecta		Coleoptera		Dytiscidae			Hydroporus (Neoporus)					8.9	8.9	Predator	Swimmer
144	Hygrotus farctus	Arthropoda	Insecta		Coleoptera		Dytiscidae			Hygrotus		farctus			7.76		Predator	Unidentified
145	Ancyronyx variegatus	Arthropoda	Insecta		Coleoptera		Elmidae			Ancyronyx		variegatus			6.9	6.9	Omnivore	Clinger
146	Dubiraphia	Arthropoda	Insecta		Coleoptera		Elmidae			Dubiraphia					6.4	6.4	Gather/Collector	Unidentified
147	Dubiraphia bivittata	Arthropoda	Insecta		Coleoptera		Elmidae			Dubiraphia		bivittata			6.4		Omnivore	Unidentified
148	Dubiraphia quadrinotata	Arthropoda	Insecta		Coleoptera		Elmidae			Dubiraphia		quadrinotata			6.4		Omnivore	Unidentified
149	Macronychus glabratus	Arthropoda	Insecta		Coleoptera		Elmidae			Macronychus		glabratus			4.7	4.7	Omnivore	Clinger
150	Stenelmis	Arthropoda	Insecta		Coleoptera		Elmidae			Stenelmis					5.4	5.4	Scraper	Clinger
151	Stenelmis crenata	Arthropoda	Insecta		Coleoptera		Elmidae			Stenelmis		crenata			5.4		Omnivore	Clinger
152	Stenelmis decorata	Arthropoda	Insecta		Coleoptera		Elmidae			Stenelmis		decorata			5.4		Scraper	Clinger
153	Stenelmis humerosa	Arthropoda	Insecta		Coleoptera		Elmidae			Stenelmis		humerosa			5.4		Omnivore	Clinger
154	Stenelmis hungerfordi	Arthropoda	Insecta		Coleoptera		Elmidae			Stenelmis		hungerfordi			5.4		Scraper	Clinger
155	Stenelmis mirabilis	Arthropoda	Insecta		Coleoptera		Elmidae			Stenelmis		mirabilis			5.4		Unidentified	Clinger
156	Dineutus	Arthropoda	Insecta		Coleoptera		Gyrinidae			Dineutus					5.5	5.5	Predator	Swimmer
157	Dineutus discolor	Arthropoda	Insecta		Coleoptera		Gyrinidae			Dineutus		discolor			5.5		Predator	Swimmer
158	Dineutus dorsata	Arthropoda	Insecta		Coleoptera		Gyrinidae			Dineutus		dorsata			5.5		Predator	Swimmer
159	Gyrinus aeneolus	Arthropoda	Insecta		Coleoptera		Gyrinidae			Gyrinus		aaenoleus			4		Predator	Swimmer
160	Spanglerogyrus	Arthropoda	Insecta		Coleoptera		Gyrinidae			Spanglerogyrus					5.9		Unidentified	Swimmer
161	Helophorus linearis	Arthropoda	Insecta		Coleoptera		Hydrophilidae			Helophorus		linearis			7.9		Shredder	Unidentified
162	Berosus	Arthropoda	Insecta		Coleoptera		Hydrophilidae			Berosus					8.6	8.6	Predator	Swimmer
163	Berosus peregrinus	Arthropoda	Insecta		Coleoptera		Hydrophilidae			Berosus		peregrinus			8.6		Predator	Unidentified
164	Berosus striatus	Arthropoda	Insecta		Coleoptera		Hydrophilidae			Berosus		striatus			8.6		Predator	Climber
165	Sperchopsis tessellatus	Arthropoda	Insecta		Coleoptera		Hydrophilidae			Sperchopsis		tessellatus			6.5	6.5	Omnivore	Climber
166	Tropisternus	Arthropoda	Insecta		Coleoptera		Hydrophilidae			Tropisternus					9.8	9.8	Predator	Unidentified
167	Ectopria nervosa	Arthropoda	Insecta		Coleoptera		Psephenidae			Ectopria		nervosa			4.3	4.3	Scraper	Clinger
168	Atherix lantha	Arthropoda	Insecta		Diptera		Atherinidae			Atherix		lantha			2.1	2.1	Predator	Unidentified
169	Atrichopogon	Arthropoda	Insecta		Diptera		Ceratopogonidae			Atrichopogon					6.8	6.8	Predator	Unidentified
170	Bezzia complex	Arthropoda	Insecta		Diptera		Ceratopogonidae			Bezzia Complex					6		Gather/Collector	Burrower
171	Dasyhelea	Arthropoda	Insecta		Diptera		Ceratopogonidae			Dasyhelea					6.65		Gather/Collector	Sprawler
172	Palpomyia	Arthropoda	Insecta		Diptera		Ceratopogonidae			Palpomyia					6		Predator	Burrower
173	Ablabesmyia janta	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Pentaneurini	Ablabesmyia		janta			7.1	7.1	Omnivore	Sprawler
174	Ablabesmyia mallochi	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Pentaneurini	Ablabesmyia		mallochi			7.6	7.6	Omnivore	Sprawler
175	Ablabesmyia rhamphe group	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Pentaneurini	Ablabesmyia		rhamphe grp.			6.43		Omnivore	Sprawler
176	Alotanypus aris	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae		Alotanypus		aris			4.6		Unidentified	Burrower
177	Apedilum	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Apedilum					6.23		Unidentified	Unidentified

GAEPD Example Tolerance Values/FFG/Habit Values for Macroinvertebrates for the State																		
BenTaxalID	FinalID	Phylum	Class	Subclass	Order	Suborder	Family	Subfamily	Tribe	Genus	Subgenus	Species	Subspecies	Variety	ToVal	*ToValINC	FFG	Habit
178	Apsectrotanypus johnsoni	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae		Apsectrotanypus		johnsoni			0	0	Predator	Unidentified
179	Asheum beckae	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae		Asheum		beckae			6.72		Gather/Collector	Unidentified
180	Brillia	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Brillia					5.2	5.2	Shredder	Burrower
181	Brillia flavifrons	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Brillia		flavifrons			5.2		Shredder	Burrower
182	Cardiocladius	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Cardiocladius					6.2	6.2	Predator	Clinger
183	Cardiocladius obscurus	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Cardiocladius		obscurus			6.2		Predator	Unidentified
184	Chaetocladius	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Chaetocladius					6		Gather/Collector	Sprawler
185	Chironomus	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Chironomus					9.8	9.8	Gather/Collector	Burrower
186	Chironomus decorus	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Chironomus		decorus grp.			9.8		Omnivore	Burrower
187	Chironomus ochreateus	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Chironomus		ochreateus			9.8		Unidentified	Burrower
188	Cladotanytarsus	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Cladotanytarsus					3.7	3.7	Gather/Collector	Climber
189	Constempellina	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Constempellina					6		Gather/Collector	Unidentified
190	Coelotanytarsus trifascia group	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae		Coelotanytarsus		trifascia group			6.2		Predator	Burrower
191	Corynoneura B	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Corynoneura		B			6.2		Gather/Collector	Sprawler
192	Cricotopus	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Cricotopus					8.12		Shredder	Unidentified
193	Cricotopus bicinctus	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Cricotopus		bicinctus			8.7	8.7	Omnivore	Unidentified
194	Cricotopus politus	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Cricotopus		politus			8.12		Omnivore	Unidentified
195	Cricotopus sylvestris	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Cricotopus		sylvestris			10	10	Omnivore	Unidentified
196	Cricotopus trifascia	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Cricotopus		trifascia grp.			8.12		Omnivore	Unidentified
197	Cryptochironomus	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Cryptochironomus					7.35		Predator	Sprawler
198	Cryptotendipes	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Cryptotendipes					6.1	6.1	Gather/Collector	Burrower
199	Dicrotendipes neomodestus	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Dicrotendipes		neomodestus			8.3	8.3	Filterer/Collector	Burrower
200	Dicrotendipes thanatogratus	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Dicrotendipes		thanatogratus			7.9		Filterer/Collector	Burrower
201	Djalmabatista pulcher	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae		Djalmabatista		pulcher			3		Predator	Sprawler
202	Endochironomus	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Endochironomus					7.5		Shredder	Clinger
203	Endochironomus nigricans	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Endochironomus		nigricans			7.5	7.5	Unidentified	Clinger
204	Eukiefferiella brehmi group	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Eukiefferiella		brehmi group			3.7		Gather/Collector	Sprawler
205	Eukiefferiella devonica group	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Eukiefferiella		devonica group			2.6		Gather/Collector	Sprawler
206	Glyptotendipes meridionalis	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Glyptotendipes		meridionalis			8.5		Unidentified	Unidentified
207	Harnischia Complex B	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Harnischia		Complex B			7.5		Gather/Collector	Unidentified
208	Hayesomia senata	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Pentaneurini	Hayesomia		senata			4.6		Predator	Sprawler
209	Helopelopia	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Pentaneurini	Helopelopia					6		Predator	Sprawler
210	Hudsonimyia karelena	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Pentaneurini	Hudsonimyia		karelena			6.136		Predator	Sprawler
211	Hydrobaenus	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Hydrobaenus					9.6	9.6	Scraper	Sprawler
212	Krenopelopia hudsoni	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Pentaneurini	Krenopelopia		hudsoni			6.136		Predator	Sprawler
213	Labrundinia	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Pentaneurini	Labrundinia					5.25		Predator	Sprawler
214	Labrundinia neopilosella	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Pentaneurini	Labrundinia		neopilosella			7		Predator	Sprawler
215	Lymnophyes	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Lymnophyes					8		Gather/Collector	Sprawler
216	Meropelopia	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Pentaneurini	Meropelopia					7		Unidentified	Unidentified
217	Metriocnemus obscuripes	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Metriocnemus		obscuripes			5.034		Omnivore	Unidentified
218	Micropsectra	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Micropsectra					1.4	1.4	Gather/Collector	Unidentified
219	Microtendipes	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Microtendipes					6.2	6.2	Filterer/Collector	Clinger
220	Microtendipes pedellus group	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Microtendipes		pedellus group			6.2		Filterer/Collector	Clinger
221	Microtendipes rydalensis group	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Microtendipes		rydalensis group			6.2		Filterer/Collector	Clinger
222	Natarsia	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Natarsiini	Natarsia					10	10	Predator	Sprawler
223	Nanocladius	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Nanocladius					7.2	7.2	Gather/Collector	Sprawler
224	Nanocladius balticus group	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Nanocladius		balticus group			7.2		Gather/Collector	Sprawler
225	Nanocladius distinctus	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Nanocladius		distinctus			7.2		Gather/Collector	Sprawler
226	Nanocladius rectinervis	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Nanocladius		rectinervis			7.2		Gather/Collector	Sprawler
227	Nilotanytarsus	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Pentaneurini	Nilotanytarsus					4	4	Predator	Sprawler
228	Nilotanytarsus americanus	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Pentaneurini	Nilotanytarsus		americanus			4		Predator	Sprawler
229	Nilothauma	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Nilothauma					5.5	5.5	Unidentified	Unidentified
230	Orthoclaadius	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Orthoclaadius					5.88		Gather/Collector	Unidentified
231	Orthoclaadius annectens	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Orthoclaadius		annectens			5.88		Gather/Collector	Sprawler
232	Orthoclaadius C	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Orthoclaadius		C			5.88		Gather/Collector	Unidentified
233	Parachironomus	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Parachironomus					9.2	9.2	Predator	Sprawler
234	Parachironomus A	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Parachironomus		A			9.2		Unidentified	Sprawler
235	Parachironomus carinatus	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Parachironomus		carinatus			9.2		Unidentified	Sprawler
236	Parachironomus frequens	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Parachironomus		frequens			9.2		Unidentified	Sprawler

GAEPD Example Tolerance Values/FFG/Habit Values for Macroinvertebrates for the State																		
BenTaxalID	FinalID	Phylum	Class	Subclass	Order	Suborder	Family	Subfamily	Tribe	Genus	Subgenus	Species	Subspecies	Variety	ToVal	*ToValINC	FFG	Habit
237	Paracladopelma	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Chironomini	Paracladopelma					6.4	6.4	Gather/Collector	Sprawler
238	Paracladopelma sp. 2	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Chironomini	Paracladopelma		sp. 2			6.4		Gather/Collector	Sprawler
239	Paracladopelma nereis	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Chironomini	Paracladopelma		nereis			1.8	1.8	Gather/Collector	Clinger
240	Paracricotopus	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaadiinae		Paracricotopus					5.034		Gather/Collector	Sprawler
241	Parakiefferiella	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaadiinae		Parakiefferiella					5.9	5.9	Gather/Collector	Sprawler
242	Parakiefferiella B	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaadiinae		Parakiefferiella	B				5.9		Gather/Collector	Sprawler
243	Paralauterborniella nigrohalterale	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Chironomini	Paralauterborniella		nigrohalteralis			4.8	4.8	Gather/Collector	Clinger
244	Paramerina	Arthropoda	Insecta			Diptera	Chironomidae	Tanypodinae	Pentaneurini	Paramerina					2.8	2.8	Predator	Sprawler
245	Paratanytarsus	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Tanytarsini	Paratanytarsus					7.7	7.7	Gather/Collector	Clinger
246	Paratanytarsus A	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Tanytarsini	Paratanytarsus	A				7.7		Gather/Collector	Unidentified
247	Paratendipes	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Chironomini	Paratendipes					5.3	5.3	Gather/Collector	Burrower
248	Phaenopsectra	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Chironomini	Phaenopsectra					6.8	6.8	Scraper	Clinger
249	Phaenopsectra obediens group	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Chironomini	Phaenopsectra		obediens group			6.8		Omnivore	Climber
250	Phaenopsectra punctipes group	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Chironomini	Phaenopsectra		punctipes group			6.8		Scraper	Clinger
251	Polypedilum aviceps	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Chironomini	Polypedilum		aviceps			4	4	Unidentified	Unidentified
252	Polypedilum halterale group	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Chironomini	Polypedilum		halterale group			7.2		Unidentified	Unidentified
253	Polypedilum illinoense group	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Chironomini	Polypedilum		illinoense group			9.2		Unidentified	Unidentified
254	Polypedilum scalaenum group	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Chironomini	Polypedilum		scalaenum group			8.7		Unidentified	Unidentified
255	Polypedilum tritum	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Chironomini	Polypedilum		tritum			6.67		Unidentified	Unidentified
256	Pothastia longimana	Arthropoda	Insecta			Diptera	Chironomidae	Diamesinae		Pothastia		longimana			7.4	7.4	Gather/Collector	Sprawler
257	Procladius	Arthropoda	Insecta			Diptera	Chironomidae	Tanypodinae	Procladiini	Procladius					9.3	9.3	Predator	Sprawler
258	Procladius bellus var. 1	Arthropoda	Insecta			Diptera	Chironomidae	Tanypodinae	Procladiini	Procladius		bellus var. 1	var. 1		9.3		Predator	Sprawler
259	Procladius bellus var. 3	Arthropoda	Insecta			Diptera	Chironomidae	Tanypodinae	Procladiini	Procladius		bellus var. 3	var. 3		9.3		Predator	Sprawler
260	Psectrocladius	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaadiinae		Psectrocladius					3.8	3.8	Gather/Collector	Unidentified
261	Pseudochironomus	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Pseudochironomini	Pseudochironomus					4.2	4.2	Gather/Collector	Burrower
262	Rheocricotopus robacki	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaadiinae		Rheocricotopus		robacki			7.7	7.7	Gather/Collector	Sprawler
263	Rheopelopia	Arthropoda	Insecta			Diptera	Chironomidae	Tanypodinae	Pentaneurini	Rheopelopia					2.9		Predator	Sprawler
264	Rheosmittia	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaadiinae		Rheosmittia					5.034		Gather/Collector	Unidentified
265	Rheotanytarsus	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Tanytarsini	Rheotanytarsus					6.4	6.4	Filterer/Collector	Clinger
266	Robackia claviger	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Chironomini	Robackia		claviger			2.4	2.4	Gather/Collector	Burrower
267	Robackia demeijerei	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Chironomini	Robackia		demeijerei			4.3	4.3	Gather/Collector	Burrower
268	Stenochironomus	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Chironomini	Stenochironomus					6.4	6.4	Shredder	Burrower
269	Stictochironomus	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Chironomini	Stictochironomus					6.7	6.7	Omnivore	Burrower
270	Stictochironomus devinctus	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Chironomini	Stictochironomus		devinctus			6.7		Unidentified	Burrower
271	Stilocladius	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaadiinae		Stilocladius					5.034		Gather/Collector	Sprawler
272	Sublettea coffmani	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Tanytarsini	Sublettea		coffmani			1.7	1.7	Filterer/Collector	Unidentified
273	Tanytus punctipennis	Arthropoda	Insecta			Diptera	Chironomidae	Tanypodinae	Tanypodini	Tanytus		punctipennis			9.6		Omnivore	Sprawler
274	Tanytarsus	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Tanytarsini	Tanytarsus					6.7	6.7	Filterer/Collector	Unidentified
275	Tanytarsus A	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Tanytarsini	Tanytarsus	A				6.7		Unidentified	Unidentified
276	Tanytarsus B	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Tanytarsini	Tanytarsus	B				6.7		Unidentified	Unidentified
277	Tanytarsus C	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Tanytarsini	Tanytarsus	C				6.7		Unidentified	Unidentified
278	Tanytarsus D	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Tanytarsini	Tanytarsus	D				6.7		Unidentified	Unidentified
279	Tanytarsus J	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Tanytarsini	Tanytarsus	J				6.7		Unidentified	Unidentified
280	Tanytarsus L	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Tanytarsini	Tanytarsus	L				6.7		Unidentified	Unidentified
281	Tanytarsus O	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Tanytarsini	Tanytarsus	O				6.7		Unidentified	Unidentified
282	Tanytarsus P	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Tanytarsini	Tanytarsus	P				6.7		Unidentified	Unidentified
283	Tanytarsus T	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Tanytarsini	Tanytarsus	T				6.7		Unidentified	Unidentified
284	Tanytarsus U	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Tanytarsini	Tanytarsus	U				6.7		Unidentified	Unidentified
285	Tanytarsus limneticus	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Tanytarsini	Tanytarsus		limneticus			6.7		Unidentified	Unidentified
286	Thienemanniella A	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaadiinae		Thienemanniella	A				6		Gather/Collector	Sprawler
287	Thienemanniella B	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaadiinae		Thienemanniella	B				6		Gather/Collector	Sprawler
288	Thienemanniella C	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaadiinae		Thienemanniella	C				6		Gather/Collector	Sprawler
289	Thienemanniella similis	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaadiinae		Thienemanniella		similis			6		Gather/Collector	Sprawler
290	Thienemanniella xena	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaadiinae		Thienemanniella		xena			6		Gather/Collector	Sprawler
291	Tribelos atrum	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Chironomini	Tribelos		atrum			6.6		Gather/Collector	Burrower
292	Tribelos jucundus	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Chironomini	Tribelos		jucundus			6.6		Gather/Collector	Burrower
293	Tvetenia	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaadiinae		Tvetenia					3.95		Gather/Collector	Sprawler
294	Xylotopus par	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaadiinae		Xylotopus		par			6.6		Unidentified	Burrower
295	Zalutschia	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaadiinae		Zalutschia					7		Shredder	Unidentified

GAEPD Example Tolerance Values/FFG/Habit Values for Macroinvertebrates for the State																		
BenTaxalID	FinalID	Phylum	Class	Subclass	Order	Suborder	Family	Subfamily	Tribe	Genus	Subgenus	Species	Subspecies	Variety	ToVal	*ToValINC	FFG	Habit
296	Anopheles barberi	Arthropoda	Insecta		Diptera		Culicidae			Anopheles		barberi			9.1		Filterer/Collector	Unidentified
297	Anopheles quadrimaculatus	Arthropoda	Insecta		Diptera		Culicidae			Anopheles		quadrimaculatus			9.1		Filterer/Collector	Unidentified
298	Orthopodomyia	Arthropoda	Insecta		Diptera		Culicidae			Orthopodomyia					9.55		Filterer/Collector	Planktonic
299	Wyeomyia	Arthropoda	Insecta		Diptera		Culicidae			Wyeomyia					9.55		Filterer/Collector	Planktonic
300	Hemerodromia	Arthropoda	Insecta		Diptera		Empidiidae			Hemerodromia					6		Predator	Unidentified
301	Simulium	Arthropoda	Insecta		Diptera		Simuliidae			Simulium					4.4	4.4	Filterer/Collector	Clinger
302	Simulium decorum	Arthropoda	Insecta		Diptera		Simuliidae			Simulium		decorum			4.4		Filterer/Collector	Clinger
303	Simulium haysi	Arthropoda	Insecta		Diptera		Simuliidae			Simulium		haysi			4.4		Filterer/Collector	Clinger
304	Simulium meridionale	Arthropoda	Insecta		Diptera		Simuliidae			Simulium		meridionale			4.4		Filterer/Collector	Clinger
305	Simulium parnassum	Arthropoda	Insecta		Diptera		Simuliidae			Simulium		parnassum			4.4		Filterer/Collector	Clinger
306	Simulium podostemi	Arthropoda	Insecta		Diptera		Simuliidae			Simulium		podostemi			4.4		Filterer/Collector	Clinger
307	Simulium slossanae	Arthropoda	Insecta		Diptera		Simuliidae			Simulium		slossanae			4.4		Filterer/Collector	Clinger
308	Simulium snowi	Arthropoda	Insecta		Diptera		Simuliidae			Simulium		snowi			4.4		Filterer/Collector	Clinger
309	Simulium tuberosum	Arthropoda	Insecta		Diptera		Simuliidae			Simulium		tuberosum complex			6		Filterer/Collector	Clinger
310	Oxycera	Arthropoda	Insecta		Diptera		Stratomyiidae			Oxycera					7		Scraper	Sprawler
311	Neoascia	Arthropoda	Insecta		Diptera		Syrphidae			Neoascia					10		Predator	Unidentified
312	Chrysops	Arthropoda	Insecta		Diptera		Tabanidae			Chrysops					7.3	7.3	Gather/Collector	Unidentified
313	Haematopota	Arthropoda	Insecta		Diptera		Tabanidae			Haematopota					8.5		Unidentified	Unidentified
314	Tabanus	Arthropoda	Insecta		Diptera		Tabanidae			Tabanus					9.7	9.7	Predator	Unidentified
315	Protoplasta fitchii	Arthropoda	Insecta		Diptera		Tanyderidae			Protoplasta		fitchii			5	5	Gather/Collector	Unidentified
316	Antocha	Arthropoda	Insecta		Diptera		Tipulidae	Limoniinae	Limoniini	Antocha					4.6	4.6	Gather/Collector	Clinger
317	Cryptolabis	Arthropoda	Insecta		Diptera		Tipulidae	Limoniinae	Eriopterini	Cryptolabis					5.517		Shredder	Burrower
318	Dicranota	Arthropoda	Insecta		Diptera		Tipulidae	Limoniinae	Pediciini	Dicranota					0	0	Predator	Unidentified
319	Erioptera	Arthropoda	Insecta		Diptera		Tipulidae	Limoniinae	Eriopterini	Erioptera					3		Gather/Collector	Burrower
320	Hexatoma	Arthropoda	Insecta		Diptera		Tipulidae	Limoniinae	Hexatomini	Hexatoma					4.7	4.7	Predator	Burrower
321	Limonia	Arthropoda	Insecta		Diptera		Tipulidae	Limoniinae	Limoniini	Limonia					10	10	Shredder	Burrower
322	Ormosia	Arthropoda	Insecta		Diptera		Tipulidae	Limoniinae	Eriopterini	Ormosia					6.5	6.5	Gather/Collector	Burrower
323	Pilaria	Arthropoda	Insecta		Diptera		Tipulidae	Limoniinae	Hexatomini	Pilaria					7		Predator	Burrower
324	Polymera	Arthropoda	Insecta		Diptera		Tipulidae	Limoniinae	Hexatomini	Polymera					5.517		Unidentified	Burrower
325	Prinocera	Arthropoda	Insecta		Diptera		Tipulidae			Prinocera					4		Shredder	Clinger
326	Tipula	Arthropoda	Insecta		Diptera		Tipulidae	Tipulinae		Tipula					7.7	7.7	Shredder	Burrower
327	Hyalella azteca	Arthropoda	Malacostraca		Amphipoda		Talitridae			Hyalella		azteca			7.9	7.9	Gather/Collector	Unidentified
328	Caecidotea obtusa	Arthropoda	Malacostraca		Isopoda		Asellidae			Caecidotea		obtusa			6		Gather/Collector	Unidentified
329	Lirceus fontinalis	Arthropoda	Malacostraca		Isopoda		Asellidae			Lirceus		fontinalis			7.7		Gather/Collector	Unidentified
330	Lirceus lineatus	Arthropoda	Malacostraca		Isopoda		Asellidae			Lirceus		lineatus			7.7		Gather/Collector	Unidentified
331	Cambarus latimanus	Arthropoda	Malacostraca	Eumalacostraca	Decapoda		Cambaridae			Cambarus		latimanus			8.1		Unidentified	Unidentified
332	Procambarus spiculifer	Arthropoda	Malacostraca	Eumalacostraca	Decapoda		Cambaridae			Procambarus		spiculifer			9.5		Unidentified	Unidentified
333	Macrobrachium acanthurus	Arthropoda	Malacostraca	Eumalacostraca	Decapoda		Palaemonidae			Macrobrachium		acanthurus			8		Unidentified	Unidentified
334	Corbicula fluminea	Mollusca	Bivalvia		Veneroida		Corbiculidae			Corbicula		fluminea			6.3	6.3	Filterer/Collector	Unidentified
335	Fossaria	Mollusca	Gastropoda		Basommatophora		Lymnaeidae			Fossaria					2.6		Scraper	Unidentified
336	Physella gyrina	Mollusca	Gastropoda		Basommatophora		Physidae			Physella		gyrina			9.1		Scraper	Unidentified
337	Gyraulus	Mollusca	Gastropoda		Basommatophora		Planorbidae			Gyraulus					6.25		Scraper	Unidentified
338	Elimia	Mollusca	Gastropoda		Neotaenioglossa		Pleuroceridae			Elimia					2.5	2.5	Scraper	Unidentified
339	Mooreobdella microstoma	Annelida	Clitellata	Hirudinea	Arhynchobdellida		Erpobdellidae	Erpobdellinae		Mooreobdella		microstoma			7.8		Predator	Unidentified
340	Helobdella triserialis	Annelida	Clitellata	Hirudinea	Rhynchobdellida		Glossiphoniidae			Helobdella		triserialis			8.9	8.9	Parasite	Clinger
341	Enchytraeidae	Annelida	Clitellata	Oligochaeta	Haplotaxida		Enchytraeidae								10	10	Gather/Collector	Unidentified
342	Eclipidrilus daneus	Annelida	Clitellata	Oligochaeta	Lumbriculida		Lumbriculidae			Eclipidrilus		daneus			8		Gather/Collector	Unidentified
343	Kincaidiana freidris	Annelida	Clitellata	Oligochaeta	Lumbriculida		Lumbriculidae			Kincaidiana		freidris			7.3		Gather/Collector	Unidentified
344	Megadrilli	Annelida	Clitellata	Oligochaeta	Lumbriculida		Lumbriculidae			Megadrilli					7.3		Gather/Collector	Unidentified
345	Ophidonais serpentina	Annelida	Clitellata	Oligochaeta	Haplotaxida		Naididae			Ophidonais		serpentina			9		Gather/Collector	Unidentified
346	Aulodrilus limniobius	Annelida	Clitellata	Oligochaeta	Haplotaxida		Tubificidae			Aulodrilus		limniobius			5.2	5.2	Gather/Collector	Unidentified
347	Branchiura sowerbyi	Annelida	Clitellata	Oligochaeta	Haplotaxida		Tubificidae			Branchiura		sowerbyi			8.4	8.4	Gather/Collector	Unidentified
348	Gomphus scudderi	Arthropoda	Insecta		Odonata		Gomphidae			Gomphus		scudderi			6.2		Predator	Unidentified
349	Parametricnemus	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Parametricnemus					3.7		Gather/Collector	Sprawler
350	Ophiogomphus	Arthropoda	Insecta		Odonata		Gomphidae			Ophiogomphus					6.2	6.2	Predator	Burrower
351	Alloperla	Arthropoda	Insecta		Plecoptera		Chloroperlidae			Alloperla					1.4	1.4	Predator	Clinger
352	Deronectes griseostriatus	Arthropoda	Insecta		Coleoptera		Dytiscidae			Deronectes		griseostriatus			5		Predator	Swimmer
353	Macromia georgiana complex	Arthropoda	Insecta		Odonata		Corduliidae	Macromiinae		Macromia		georgiana complex			6.7		Predator	Sprawler
354	Prosimulium	Arthropoda	Insecta		Diptera		Simuliidae			Prosimulium					2.6	2.6	Filterer/Collector	Clinger

GAEPD Example Tolerance Values/FFG/Habit Values for Macroinvertebrates for the State																		
BenTaxID	FinalID	Phylum	Class	Subclass	Order	Suborder	Family	Subfamily	Tribe	Genus	Subgenus	Species	Subspecies	Variety	ToVal	*ToValINC	FFG	Habit
355	Microcylloepus pusillus	Arthropoda	Insecta		Coleoptera		Elmidae			Microcylloepus		pusillus			2.1	2.1	Gather/Collector	Unidentified
356	Pentaneura	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Pentaneurini	Pentaneura					4.6	4.6	Predator	Sprawler
357	Helichus	Arthropoda	Insecta		Coleoptera		Dryopidae			Helichus					5.4	5.4	Shredder	Clinger
358	Strophopteryx limata	Arthropoda	Insecta		Plecoptera		Taeniopterygidae			Strophopteryx		limata			2.5		Unidentified	Unidentified
359	Hexagenia rigida	Arthropoda	Insecta		Ephemeroptera		Ephemeridae			Hexagenia		rigida			4.7		Gather/Collector	Burrower
360	Psectrocladius vernalis	Arthropoda	Insecta		Diptera		Chironomidae	Orthocladiinae		Psectrocladius		vernalis			3.8		Unidentified	Unidentified
361	Pseudolimnophila	Arthropoda	Insecta		Diptera		Tipulidae	Limoniinae	Hexatomini	Pseudolimnophila					7.3	7.3	Predator	Burrower
362	Polypedilum	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Polypedilum					6.67		Shredder	Unidentified
363	Helophorus	Arthropoda	Insecta		Coleoptera		Hydrophilidae			Helophorus					7.9	7.9	Shredder	Swimmer
364	Oligochaeta	Annelida	Clitellata	Oligochaeta											8.275		Gather/Collector	Unidentified
365	Promoresia tardella	Arthropoda	Insecta		Coleoptera		Elmidae			Promoresia		tardella			0	0	Scraper	Clinger
366	Promoresia	Arthropoda	Insecta		Coleoptera		Elmidae			Promoresia					1.1		Scraper	Clinger
367	Optioservus	Arthropoda	Insecta		Coleoptera		Elmidae			Optioservus					2.7	2.7	Scraper	Clinger
368	Hudsonimyia	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Pentaneurini	Hudsonimyia					6.695		Predator	Sprawler
369	Nectopsyche	Arthropoda	Insecta		Trichoptera		Leptoceridae	Leptocerinae	Nectopsychini	Nectopsyche					4.067		Shredder	Unidentified
370	Larsia	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Pentaneurini	Larsia					8.3	8.3	Predator	Sprawler
371	Polypedilum fallax group	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Polypedilum		fallax group			6.7		Unidentified	Unidentified
372	Acroneuria	Arthropoda	Insecta		Plecoptera		Perlidae			Acroneuria					1.36		Predator	Clinger
373	Tipulidae	Arthropoda	Insecta		Diptera		Tipulidae								5.829		Shredder	Burrower
374	Polypedilum A	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Polypedilum		A			6.67		Unidentified	Unidentified
375	Thienemannimyia group	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Pentaneurini	Thienemannimyia group					6		Predator	Sprawler
376	Gyrinus	Arthropoda	Insecta		Coleoptera		Gyrinidae			Gyrinus					6.3	6.3	Predator	Swimmer
377	Microvelia	Arthropoda	Insecta		Heteroptera		Velidae			Microvelia					6		Predator	Skater
378	Coenagrionidae	Arthropoda	Insecta		Odonata		Coenagrionidae								9		Predator	Climber
379	Thienemanniella	Arthropoda	Insecta		Diptera		Chironomidae	Orthocladiinae		Thienemanniella					6	6	Gather/Collector	Sprawler
380	Chironomidae	Arthropoda	Insecta		Diptera		Chironomidae								5.79		Gather/Collector	Burrower
381	Rheocricotopus	Arthropoda	Insecta		Diptera		Chironomidae	Orthocladiinae		Rheocricotopus					7.25		Gather/Collector	Sprawler
382	Orthocladiinae	Arthropoda	Insecta		Diptera		Chironomidae	Orthocladiinae							5.034		Gather/Collector	Burrower
383	Ablabesmyia	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Pentaneurini	Ablabesmyia					6.43		Gather/Collector	Sprawler
384	Corynoneura	Arthropoda	Insecta		Diptera		Chironomidae	Orthocladiinae		Corynoneura					6.2	6.2	Gather/Collector	Sprawler
385	Helopicus subvarians	Arthropoda	Insecta		Plecoptera		Perlodidae	Perlodinae	Perlodini	Helopicus		subvarians			0.8	0.8	Unidentified	Unidentified
386	Hetaerina americana	Arthropoda	Insecta		Odonata		Calopterygidae			Hetaerina					6.2		Predator	Unidentified
387	Procambarus	Arthropoda	Malacostraca		Decapoda		Cambaridae			Procambarus					9.5	9.5	Unidentified	Unidentified
388	Physella	Mollusca	Gastropoda		Basommatophora		Physidae			Physella					9.1	9.1	Scraper	Unidentified
389	Baetis	Arthropoda	Insecta		Ephemeroptera		Baetidae			Baetis					5.3857		Gather/Collector	Swimmer
390	Ischnura	Arthropoda	Insecta		Odonata		Coenagrionidae			Ischnura					9.4	9.4	Predator	Climber
391	Hexagenia	Arthropoda	Insecta		Ephemeroptera		Ephemeridae			Hexagenia					4.7	4.7	Gather/Collector	Burrower
392	Clinotanypus	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Coelotanypodini	Clinotanypus					9.8		Predator	Burrower
393	Ablabesmyia annulata	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Pentaneurini	Ablabesmyia		annulata			6.43		Omnivore	Sprawler
394	Yugus bulbosus	Arthropoda	Insecta		Plecoptera		Perlodidae	Perlodinae	Perlodini	Yugus		bulbosus			0	0	Predator	Clinger
395	Gomphidae	Arthropoda	Insecta		Odonata		Gomphidae								5.475		Predator	Burrower
396	Promoresia elegans	Arthropoda	Insecta		Coleoptera		Elmidae			Promoresia		elegans			2.2	2.2	Omnivore	Clinger
397	Potamyia flava	Arthropoda	Insecta		Trichoptera		Hydropsychidae			Potamyia		flava			2.5		Filterer/Collector	Clinger
398	Parakiefferiella A	Arthropoda	Insecta		Diptera		Chironomidae	Orthocladiinae		Parakiefferiella		A			5.9		Gather/Collector	Sprawler
399	Tanypodinae	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae							6.695		Predator	Burrower
400	Potamanthus distinctus	Arthropoda	Insecta		Ephemeroptera		Potamanthidae			Potamanthus		distinctus			1.6		Unidentified	Unidentified
401	Aeshnidae	Arthropoda	Insecta		Odonata		Aeshnidae								7.075		Predator	Climber
402	Setodes	Arthropoda	Insecta		Trichoptera		Leptoceridae	Leptocerinae	Setodini	Setodes					0.9	0.9	Omnivore	Unidentified
403	Hydropsychidae	Arthropoda	Insecta		Trichoptera		Hydropsychidae								4		Filterer/Collector	Clinger
404	Psectrocladius elatus	Arthropoda	Insecta		Diptera		Chironomidae	Orthocladiinae		Psectrocladius		elatus			3.8		Omnivore	Unidentified
405	Pisidium	Bivalvia	Mollusca		Veneroidea		Pisidiidae			Pisidium					6.8	6.8	Filterer/Collector	Unidentified
406	Sialis	Arthropoda	Insecta		Megaloptera		Sialidae			Sialis					7.5	7.5	Predator	Unidentified
407	Notonecta irrorata	Arthropoda	Insecta		Heteroptera		Notonectidae			Notonecta		irrorata			5		Predator	Unidentified
408	Diplectrona	Arthropoda	Insecta		Trichoptera		Hydropsychidae			Diplectrona					2.2		Filterer/Collector	Clinger
409	Sialis infumata	Arthropoda	Insecta		Megaloptera		Sialidae			Sialis		infumata			7.5		Predator	Unidentified
410	Pseudorthocladius	Arthropoda	Insecta		Diptera		Chironomidae	Orthocladiinae		Pseudorthocladius					0	0	Gather/Collector	Sprawler
411	Dryops	Arthropoda	Insecta		Coleoptera		Dryopidae			Dryops					5.4		Unidentified	Clinger
412	Ablabesmyia peleensis	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Pentaneurini	Ablabesmyia		peleensis			4.6	4.6	Omnivore	Sprawler
413	Perlidae	Arthropoda	Insecta		Plecoptera		Perlidae								1		Predator	Clinger

GAEPD Example Tolerance Values/FFG/Habit Values for Macroinvertebrates for the State																		
BenTaxalID	FinalID	Phylum	Class	Subclass	Order	Suborder	Family	Subfamily	Tribe	Genus	Subgenus	Species	Subspecies	Variety	ToVal	*ToValINC	FFG	Habit
414	Calopteryx angustipennis	Arthropoda	Insecta		Odonata		Calopterygidae			Calopteryx		angustipennis			8.3		Predator	Climber
415	Pseudostenophylax	Arthropoda	Insecta		Trichoptera		Limnephilidae			Pseudostenophylax					1		Shredder	Sprawler
416	Laccophilus maculosus	Arthropoda	Insecta		Coleoptera		Dytiscidae			Laccophilus		maculosus			10		Predator	Unidentified
417	Procambarus penni	Arthropoda	Malacostraca		Decapoda		Cambaridae			Procambarus		penni			9.5		Unidentified	Unidentified
418	Calopteryx	Arthropoda	Insecta		Odonata		Calopterygidae			Calopteryx					8.3	8.3	Predator	Climber
419	Tanytarsus G	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Tanytarsus		G			6.7		Unidentified	Unidentified
420	Microchironomus	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Microchironomus					6.72		Gather/Collector	Burrower
421	Natarsia A	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Natarsiini	Natarsia		A			10		Predator	Sprawler
422	Arigomphus pallidus	Arthropoda	Insecta		Odonata		Gomphidae			Arigomphus		pallidus			5.475		Predator	Burrower
423	Tryonia	Mollusca	Gastropoda		Neotaenioglossa		Hydrobiidae			Tryonia					5.65		Scraper	Unidentified
424	Paratanytarsus B	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Paratanytarsus		B			7.7		Gather/Collector	Unidentified
425	Natarsia baltimoreus	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Natarsiini	Natarsia		baltimoreus			10		Predator	Sprawler
426	Orthocladius lignicola	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaudiinae		Orthocladius		lignicola			5.88		Gather/Collector	Sprawler
427	Pentagenia	Arthropoda	Insecta		Ephemeroptera		Ephemeridae			Pentagenia					2		Gather/Collector	Burrower
428	Brillia parva	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaudiinae		Brillia		parva			5.2		Shredder	Burrower
429	Sweltsa	Arthropoda	Insecta		Plecoptera		Plecoptera			Sweltsa					0	0	Predator	Unidentified
430	Pyrrhalta	Arthropoda	Insecta		Coleoptera		Chrysomelidae			Pyrrhalta					5		Shredder	Clinger
431	Eccoptura xanthenes	Arthropoda	Insecta		Plecoptera		Perlidae			Eccoptura		xanthenes			4.1	4.1	Unidentified	Clinger
432	Phryganea	Arthropoda	Insecta		Trichoptera		Phryganeidae			Phryganea					4		Omnivore	Climber
433	Isoperla marlynia	Arthropoda	Insecta		Plecoptera		Perlidae	Isoperlinae		Isoperla		marlynia			2.3		Predator	Unidentified
434	Sialis mohri	Arthropoda	Insecta		Megaloptera		Sialidae			Sialis		mohri			7.5		Predator	Unidentified
435	Hydrellia	Arthropoda	Insecta		Diptera		Ephydriidae		Hydrelliini	Hydrellia					6		Shredder	Unidentified
436	Monopelopia	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Pentaneurini	Monopelopia					6		Predator	Sprawler
437	Dicrotendipes	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Dicrotendipes					7.9	7.9	Gather/Collector	Burrower
438	Xestochironomus	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Xestochironomus					6.72		Omnivore	Unidentified
439	Campeloma limum	Mollusca	Gastropoda		Architaenioglossa		Viviparidae			Campeloma		limum			6.7		Scraper	Unidentified
440	Pleurocera	Mollusca	Gastropoda		Neotaenioglossa		Pleuroceridae			Pleurocera					3.7		Unidentified	Unidentified
441	Epithea	Arthropoda	Insecta		Odonata		Cordulegastridae			Epithea					4		Predator	Unidentified
442	Brachycentrus	Arthropoda	Insecta		Trichoptera		Brachycentridae			Brachycentrus					2.2	2.2	Filterer/Collector	Clinger
443	Ectopria	Arthropoda	Insecta		Coleoptera		Psephenidae			Ectopria					4.3		Scraper	Clinger
444	Arctopsyche	Arthropoda	Insecta		Trichoptera		Hydropsychidae			Arctopsyche					0		Filterer/Collector	Clinger
445	Agrypnia	Arthropoda	Insecta		Trichoptera		Phryganeidae			Agrypnia					6.7		Unidentified	Climber
446	Perlinella	Arthropoda	Insecta		Plecoptera		Perlidae			Perlinella					0		Predator	Unidentified
447	Isoperla	Arthropoda	Insecta		Plecoptera		Perlidae	Isoperlinae		Isoperla					2.3		Predator	Unidentified
448	Acroneuria lycorias	Arthropoda	Insecta		Plecoptera		Perlidae			Acroneuria		lycorias			1.5	1.5	Predator	Clinger
449	Calopterygidae	Arthropoda	Insecta		Odonata		Calopterygidae								5		Predator	Climber
450	Musculium partumeium	Mollusca	Bivalvia		Veneroidea		Pisidiidae			Musculium		partumeium			5		Filterer/Collector	Unidentified
451	Dubiraphia vittata	Arthropoda	Insecta		Coleoptera		Elmidae			Dubiraphia		vittata			6.4		Omnivore	Clinger
452	Caecidotea militaris	Arthropoda	Malacostraca		Isopoda		Asellidae			Caecidotea		militaris			6		Gather/Collector	Unidentified
453	Dicrotendipes simpsoni	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Dicrotendipes		simpsoni			10	10	Filterer/Collector	Burrower
454	Dicrotendipes leucoscelis	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Dicrotendipes		leucoscelis			7.9		Filterer/Collector	Burrower
455	Chironomus crassicaudatus	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Chironomus		crassicaudatus			9.8		Unidentified	Burrower
456	Pagastiella	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Pagastiella					2.6		Gather/Collector	Sprawler
457	Neurocordulia	Arthropoda	Insecta		Odonata		Corduliidae			Neurocordulia					5.8	5.8	Predator	Unidentified
458	Macrostemum	Arthropoda	Insecta		Trichoptera		Hydropsychidae		Macronematini	Macrostemum					3.6	3.6	Filterer/Collector	Clinger
459	Williamsonia	Arthropoda	Insecta		Odonata		Corduliidae			Williamsonia					5		Predator	Sprawler
460	Anisocentropus pyraloides	Arthropoda	Insecta		Trichoptera		Calamoceratidae			Anisocentropus		pyraloides			0.8	0.8	Shredder	Sprawler
461	Sphaerium	Arthropoda	Bivalvia		Veneroidea		Pisidiidae			Sphaerium					7.7	7.7	Gather/Collector	Unidentified
462	Brachycentridae	Arthropoda	Insecta		Trichoptera		Brachycentridae								0.8615		Filterer/Collector	Clinger
463	Baetisca carolina	Arthropoda	Insecta		Ephemeroptera		Baetiscidae			Baetisca		carolina			3.6	3.6	Unidentified	Unidentified
464	Endotribelos hesperium	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Endotribelos		hesperium			6.72		Gather/Collector	Burrower
465	Tribelos	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Tribelos					6.6	6.6	Gather/Collector	Burrower
466	Psephenus herricki	Arthropoda	Insecta		Coleoptera		Psephenidae			Psephenus		herricki			2.5	2.5	Scraper	Clinger
467	Gomphus cavillaris	Arthropoda	Insecta		Odonata		Gomphidae			Gomphus		cavillaris			6.2		Predator	Unidentified
468	Harnischia Complex D	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Harnischia		Complex D			7.5		Gather/Collector	Unidentified
469	Conchapelopia	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Pentaneurini	Conchapelopia					8.7	8.7	Predator	Sprawler
470	Rheotanytarsus pellucidus	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Rheotanytarsus		pellucidus			6.4	6.4	Filterer/Collector	Clinger
471	Limnephilidae	Arthropoda	Insecta		Trichoptera		Limnephilidae								4		Shredder	Unidentified
472	Rheotanytarsus A	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Rheotanytarsus		A			6.4	6.4	Filterer/Collector	Unidentified

GAEPD Example Tolerance Values/FFG/Habit Values for Macroinvertebrates for the State																		
BenTaxalID	FinalID	Phylum	Class	Subclass	Order	Suborder	Family	Subfamily	Tribe	Genus	Subgenus	Species	Subspecies	Variety	ToVal	*ToValINC	FFG	Habit
473	Mystacides sepulchralis	Arthropoda	Insecta		Trichoptera		Leptoceridae	Leptocerinae	Mystacidini	Mystacides		sepulchralis			3.5	3.5	Unidentified	Unidentified
474	Ephemera simulans	Arthropoda	Insecta		Ephemeroptera		Ephemeridae			Ephemera		simulans			2.2		Unidentified	Burrower
475	Baetidae	Arthropoda	Insecta		Ephemeroptera		Baetidae								4		Gather/Collector	Swimmer
476	Ameletus	Arthropoda	Insecta		Ephemeroptera		Ameletidae			Ameletus					2.1		Gather/Collector	Swimmer
477	Fallceon	Arthropoda	Insecta		Ephemeroptera		Baetidae			Fallceon					4		Unidentified	Unidentified
478	Caenis	Arthropoda	Insecta		Ephemeroptera		Caenidae			Caenis					7.6	7.6	Gather/Collector	Sprawler
479	Paragnetina immarginata	Arthropoda	Insecta		Plecoptera		Perlidae		Perlini	Paragnetina		immarginata			1.7	1.7	Predator	Clinger
480	Epeorus	Arthropoda	Insecta		Ephemeroptera		Heptageniidae			Epeorus					1.2	1.2	Scraper	Clinger
481	Haploperla brevis	Arthropoda	Insecta		Plecoptera		Chloroperlidae			Haploperla		brevis			1.3	1.3	Predator	Clinger
482	Chromagrion conditum	Arthropoda	Insecta		Odonata		Coenagrionidae			Chromagrion		conditum			6		Predator	Climber
483	Arigomphus villosipes	Arthropoda	Insecta		Odonata		Gomphidae			Arigomphus		villosipes			5.475		Predator	Burrower
484	Rhyacophila fuscula	Arthropoda	Insecta		Trichoptera		Rhyacophiliidae			Rhyacophila		fuscula			2	2	Predator	Clinger
485	Dolophilodes	Arthropoda	Insecta		Trichoptera		Philopotamidae			Dolophilodes					1	1	Gather/Collector	Clinger
486	Psychomyia flavida	Arthropoda	Insecta		Trichoptera		Psychomyiidae			Psychomyia		flavida			3.3	3.3	Unidentified	Clinger
487	Helichus basalis	Arthropoda	Insecta		Coleoptera		Dryopidae			Helichus		basalis			5.4		Shredder	Clinger
488	Stenelmis bicarinata	Arthropoda	Insecta		Coleoptera		Elmidae			Stenelmis		bicarinata			5.4		Scraper	Clinger
489	Stempellinella	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Stempellinella					5.3	5.3	Gather/Collector	Sprawler
490	Platysmittia	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Platysmittia					5.034		Unidentified	Unidentified
491	Tanytarsus S	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Tanytarsus					6.7		Unidentified	Unidentified
492	Ablabesmyia hauberi	Arthropoda	Insecta		Diptera		Chironomidae	Tanytarsini	Pentaneurini	Ablabesmyia		hauberi			6.43		Omnivore	Sprawler
493	Labrundinia pilosella	Arthropoda	Insecta		Diptera		Chironomidae	Tanytarsini	Pentaneurini	Labrundinia		pilosella			6	6	Predator	Sprawler
494	Paratanytarsus dissimilis	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Paratanytarsus		dissimilis			7.7		Gather/Collector	Unidentified
495	Rheotanytarsus exiguus group	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Rheotanytarsus		exiguus group			6.4		Filterer/Collector	Unidentified
496	Gillotia alboviridus	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Gillotia		alboviridus			6.72		Gather/Collector	Burrower
497	Progomphus	Arthropoda	Insecta		Odonata		Gomphidae			Progomphus					8.7		Predator	Burrower
498	Paragnetina kansensis	Arthropoda	Insecta		Plecoptera		Perlidae		Perlini	Paragnetina		kansensis			2	2	Predator	Clinger
499	Limnephilus submonilifer	Arthropoda	Insecta		Trichoptera		Limnephilidae		Limnephilini	Limnephilus		submonilifer			5		Unidentified	Unidentified
500	Orthocladus nigrinus	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Orthocladus		nigrinus			0.9	0.9	Gather/Collector	Unidentified
501	Nanocladius alternantherae	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Nanocladius		alternantherae			7.2		Gather/Collector	Sprawler
502	Elmidae	Arthropoda	Insecta		Coleoptera		Elmidae								3.578		Gather/Collector	Clinger
503	Rhyacophiliidae	Arthropoda	Insecta		Trichoptera		Rhyacophiliidae								0.8		Predator	Clinger
504	Cambarellus	Arthropoda	Malacostraca		Decapoda		Cambaridae			Cambarellus					6		Unidentified	Unidentified
505	Polypedilum braseniae	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Polypedilum		braseniae			6.67		Unidentified	Unidentified
506	Orthocladus carlatus	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae		Orthocladus		carlatus			5.88		Gather/Collector	Unidentified
507	Psectrocladius pilosus	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae		Psectrocladius		pilosus			3.8		Unidentified	Unidentified
508	Lirceus	Arthropoda	Malacostraca		Isopoda		Asellidae			Lirceus					7.7	7.7	Gather/Collector	Unidentified
509	Paravelia	Arthropoda	Insecta		Heteroptera		Veliidae			Paravelia					6		Predator	Skater
510	Gonielmis dietrichi	Arthropoda	Insecta		Coleoptera		Elmidae			Gonielmis		dietrichi			5		Omnivore	Clinger
511	Psephenidae	Arthropoda	Insecta		Coleoptera		Psephenidae								3.4		Scraper	Clinger
512	Corydalidae	Arthropoda	Insecta		Megaloptera		Corydalidae								5.77		Predator	Clinger
513	Paragnetina media	Arthropoda	Insecta		Plecoptera		Perlidae		Perlini	Paragnetina		media			1.8		Predator	Clinger
514	Perlesta	Arthropoda	Insecta		Plecoptera		Perlidae		Acroneurini	Perlesta					0	0	Predator	Clinger
515	Demicryptochironomus	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Demicryptochironomus					2.1	2.1	Gather/Collector	Burrower
516	Polycentropodidae	Arthropoda	Insecta		Trichoptera		Polycentropodidae								4.067		Filterer/Collector	Clinger
517	Limnophila	Arthropoda	Insecta		Diptera		Tipulidae	Limoniinae	Hexatomi	Limnophila					4		Predator	Burrower
518	Phanocerus	Arthropoda	Insecta		Coleoptera		Elmidae			Phanocerus					3.578		Unidentified	Unidentified
519	Asellidae	Arthropoda	Malacostraca		Isopoda		Asellidae								8.55		Gather/Collector	Unidentified
520	Myolepta	Arthropoda	Insecta		Diptera		Syrphidae		Brachyopini	Myolepta					10		Gather/Collector	Unidentified
521	Glyptotendipes	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Glyptotendipes					8.5	8.5	Filterer/Collector	Unidentified
522	Psilometriocnemus triannulatus	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Psilometriocnemus		triannulatus			5.034		Gather/Collector	Sprawler
523	Heptagenia	Arthropoda	Insecta		Ephemeroptera		Heptageniidae			Heptagenia					2.8	2.8	Scraper	Clinger
524	Taeniopteryx	Arthropoda	Insecta		Plecoptera		Taeniopterygidae			Taeniopteryx					6.3	6.3	Shredder	Unidentified
525	Macromia	Arthropoda	Insecta		Odonata		Corduliidae	Macromiinae		Macromia					6.7		Predator	Sprawler
526	Hydatophylax argus	Arthropoda	Insecta		Trichoptera		Limnephilidae		Stenophylacini	Hydatophylax		argus			2.3	2.3	Shredder	Sprawler
527	Anchytarsus bicolor	Arthropoda	Insecta		Coleoptera		Curculionidae			Anchytarsus		bicolor			3.8	3.8	Shredder	Sprawler
528	Periodidae	Arthropoda	Insecta		Plecoptera		Periodidae								2		Predator	Clinger
529	Serratella	Arthropoda	Insecta		Ephemeroptera		Ephemerellidae			Serratella					1.725		Gather/Collector	Clinger
530	Orthocladus thienemanni	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Orthocladus		thienemanni			5.88		Gather/Collector	Unidentified
531	Tanytarsus M	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Tanytarsus		M			6.7		Unidentified	Unidentified

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BenTaxalID	FinalID	Phylum	Class	Subclass	Order	Suborder	Family	Subfamily	Tribe	Genus	Subgenus	Species	Subspecies	Variety	ToVal	*ToValINC	FFG	Habit	
532	Paratanytarsus D	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Paratanytarsus		D			7.7		Gather/Collector	Unidentified	
533	Micropsectra A	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Micropsectra		A			1.4		Gather/Collector	Unidentified	
534	Micropsectra D	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Micropsectra		D			1.4		Gather/Collector	Unidentified	
535	Beardius	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Beardius					6.72		Unidentified	Burrower	
536	Cambarinae	Arthropoda	Malacostraca		Decapoda		Cambaridae	Cambarinae							6		Gather/Collector	Unidentified	
537	Physa	Mollusca	Gastropoda				Basommatophora			Physidae					8		Scraper	Unidentified	
538	Simuliidae	Arthropoda	Insecta		Diptera		Simuliidae								5.067		Filterer/Collector	Clinger	
539	Allocapnia	Arthropoda	Insecta		Plecoptera		Capniidae			Allocapnia					2.8	2.8	Shredder	Sprawler	
540	Amphinemura	Arthropoda	Insecta		Plecoptera		Nemouridae			Amphinemura					3.4	3.4	Shredder	Unidentified	
541	Stelechomyia perpulchra	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Stelechomyia		perpulchra			4.6	4.6	Gather/Collector	Burrower	
542	Stempellinella A	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Stempellinella		A			5.3		Gather/Collector	Sprawler	
543	Trissopelopia ogemawi	Arthropoda	Insecta		Diptera		Chironomidae	Tanytopodinae	Pentaneurini	Trissopelopia		ogemawi			6.136		Predator	Sprawler	
544	Heptageniidae	Arthropoda	Insecta		Ephemeroptera		Heptageniidae								2.248		Scraper	Clinger	
545	Ophiogomphus howei	Arthropoda	Insecta		Odonata		Gomphidae			Ophiogomphus		howei			6.2		Predator	Burrower	
546	Cambarus	Arthropoda	Malacostraca		Decapoda		Cambaridae			Cambarus					8.1	8.1	Unidentified	Unidentified	
547	Capniidae	Arthropoda	Insecta		Plecoptera		Capniidae								1		Shredder	Sprawler	
548	Ephemerella	Arthropoda	Insecta		Ephemeroptera		Ephemerellidae			Ephemerella					1.657		Gather/Collector	Clinger	
549	Orthocladus rivulorum	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Orthocladus		rivulorum			5.88		Gather/Collector	Unidentified	
550	Orthocladus robacki	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Orthocladus		robacki			7.2	7.2	Gather/Collector	Unidentified	
551	Paratrachocladus	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Paratrachocladus					2		Gather/Collector	Sprawler	
552	Tanytarsini	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini						4.178		Filterer/Collector	Unidentified	
553	Pseudostenophylax sparsus uniformis	Arthropoda	Insecta		Trichoptera		Limnephilidae			Pseudostenophylax		sparsus			1		Shredder	Sprawler	
554	Ephemerella argo	Arthropoda	Insecta		Ephemeroptera		Ephemerellidae			Ephemerella		argo			1.657		Unidentified	Unidentified	
555	Cambarus coosae	Arthropoda	Malacostraca		Decapoda		Cambaridae			Cambarus		coosae			8.1		Unidentified	Unidentified	
556	Cricotopus fugax	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Cricotopus		fugax			8.12		Unidentified	Unidentified	
557	Orthocladus obumbratus	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Orthocladus		obumbratus			8.8	8.8	Gather/Collector	Unidentified	
558	Tvetenia vitracies	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Tvetenia		vitracies			3.95		Gather/Collector	Sprawler	
559	Diamesa B	Arthropoda	Insecta		Diptera		Chironomidae	Diamesinae	Diamesini	Diamesa		B			7.7		Gather/Collector	Sprawler	
560	Polypedilum flavum	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Polypedilum		flavum			6.67		Unidentified	Unidentified	
561	Chironominae	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae							6.23		Gather/Collector	Unidentified	
562	Eukiefferiella	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Eukiefferiella					3.28		Gather/Collector	Sprawler	
563	Eukiefferiella tirolensis	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Eukiefferiella		tirolensis			3.28		Gather/Collector	Sprawler	
564	Paraphaenocladus	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Paraphaenocladus					4		Gather/Collector	Sprawler	
565	Reomyia	Arthropoda	Insecta		Diptera		Chironomidae	Tanytopodinae		Reomyia					6.695		Unidentified	Unidentified	
566	Wormaldia moesta	Arthropoda	Insecta		Trichoptera		Philopotamidae			Wormaldia		moesta			0.4		Filterer/Collector	Clinger	
567	Epeorus dispar	Arthropoda	Insecta		Ephemeroptera		Heptageniidae			Epeorus		dispar			1	1	Unidentified	Clinger	
568	Ephemerellidae	Arthropoda	Insecta		Ephemeroptera		Ephemerellidae								1.635		Gather/Collector	Clinger	
569	Eurylophella lutulenta	Arthropoda	Insecta		Ephemeroptera		Ephemerellidae			Eurylophella		lutulenta			2.98		Gather/Collector	Unidentified	
570	Amphiagrion saucium	Arthropoda	Insecta		Odonata		Coenagrionidae			Amphiagrion		saucium			5		Predator	Clinger	
571	Chelonarium lecontei	Arthropoda	Insecta		Coleoptera		Chelonariidae			Chelonarium		lecontei			3.7		Semi-aquatic	Unidentified	
572	Helichus lithophilus	Arthropoda	Insecta		Coleoptera		Dryopidae			Helichus		lithophilus			5.4		Shredder	Clinger	
573	Cordulegaster erronea	Arthropoda	Insecta		Odonata		Cordulegasteridae			Cordulegaster		erronea			6.1		Predator	Unidentified	
574	Ephemera guttulata	Arthropoda	Insecta		Ephemeroptera		Ephemeridae			Ephemera		guttulata			0	0	Unidentified	Burrower	
575	Leptoceridae	Arthropoda	Insecta		Trichoptera		Leptoceridae								3.469		Gather/Collector	Climber	
576	Rhyacophila	Arthropoda	Insecta		Trichoptera		Rhyacophiliidae			Rhyacophila					0.8		Predator	Clinger	
577	Beloneuria	Arthropoda	Insecta		Plecoptera		Perlidae			Beloneuria					0	0	Predator	Clinger	
578	Cambarus nodosus	Arthropoda	Malacostraca		Decapoda		Cambaridae			Cambarus		nodosus			8.1		Unidentified	Unidentified	
579	Odontomesa fulva	Arthropoda	Insecta		Diptera		Chironomidae	Prodiamesinae		Odontomesa		fulva			5.9	5.9	Gather/Collector	Sprawler	
580	Brundiniella eumorpha	Arthropoda	Insecta		Diptera		Chironomidae	Tanytopodinae	Macropelopiini	Brundiniella		eumorpha			3.8	3.8	Predator	Sprawler	
581	Tallaperla	Arthropoda	Insecta		Plecoptera		Peltoperlidae			Tallaperla					1.4	1.4	Shredder	Clinger	
582	Leptophlebiidae	Arthropoda	Insecta		Ephemeroptera		Leptophlebiidae								2.53		Gather/Collector	Swimmer	
583	Chloroperlidae	Arthropoda	Insecta		Plecoptera		Chloroperlidae								0.675		Predator	Clinger	
584	Dixella indiana	Arthropoda	Insecta		Diptera		Dixidae			Dixella		indiana			1		Gather/Collector	Unidentified	
585	Parachaetocladus abnobaesus	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Parachaetocladus		abnobaesus			0		Gather/Collector	Sprawler	
586	Zavrelimyia thryptica complex	Arthropoda	Insecta		Diptera		Chironomidae	Tanytopodinae	Pentaneurini	Zavrelimyia		thryptica complex			9.3		Predator	Sprawler	
587	Nyctiophylax	Arthropoda	Insecta		Trichoptera		Polycentropodidae			Nyctiophylax					0.9	0.9	Filterer/Collector	Clinger	
588	Nemata	Nemata													5		Parasite	Unidentified	
589	Oemopteryx complex	Arthropoda	Insecta		Plecoptera		Taeniopterygidae			Oemopteryx complex					4		Unidentified	Sprawler	
590	Orthocladus vaillanti	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Orthocladus		vaillanti			5.88		Gather/Collector	Unidentified	

GAEPD Example Tolerance Values/FFG/Habit Values for Macroinvertebrates for the State																		
BenTaxalID	FinalID	Phylum	Class	Subclass	Order	Suborder	Family	Subfamily	Tribe	Genus	Subgenus	Species	Subspecies	Variety	ToVal	*ToValINC	FFG	Habit
591	Psectrocladius sordidellus	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Psectrocladius		sordidellus			3.8		Gather/Collector	Unidentified
592	Pachydiplax longipennis	Arthropoda	Insecta		Odonata		Libellulidae			Pachydiplax		longipennis			9.6	9.6	Predator	Sprawler
593	Pelodytes	Arthropoda	Insecta		Coleoptera		Halipidae			Pelodytes					8.5	8.5	Shredder	Unidentified
594	Kiefferulus	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Kiefferulus					10		Gather/Collector	Burrower
595	Utterbackia imbecillis	Mollusca	Bivalvia		Unionoida		Unionidae			Utterbackia		imbecillis			3.65		Filterer/Collector	Unidentified
596	Tanytarsus E	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Tanytarsus		E			6.7		Unidentified	Unidentified
597	Heterotrissocladius C	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Heterotrissocladius		C			5.4		Gather/Collector	Unidentified
598	Xenochironomus xenolabis	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Xenochironomus		xenolabis			7	7	Predator	Burrower
599	Procladius (Holotanypus) sp.	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Procladiini	Procladius		(Holotanypus) sp.			9.3		Predator	Sprawler
600	Chironominae unknown Genus	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae		Chironominae unknown Genus					6.23		Gather/Collector	Unidentified
601	Nyctiophylax (Paranyctiophylax)	Arthropoda	Insecta		Trichoptera		Polycentropodidae			Nyctiophylax (Paranyctiophylax)					0.9		Unidentified	Clinger
602	Ceratopsyche morosa	Arthropoda	Insecta		Trichoptera		Hydropsychidae			Ceratopsyche		morosa			3.2	3.2	Filterer/Collector	Clinger
603	Wormaldia	Arthropoda	Insecta		Trichoptera		Philopotamidae			Wormaldia					0.4	0.4	Filterer/Collector	Clinger
604	Eurylophella	Arthropoda	Insecta		Ephemeroptera		Ephemerellidae			Eurylophella					2.98		Scraper	Clinger
605	Taeniopterygidae	Arthropoda	Insecta		Plecoptera		Taeniopterygidae								4		Shredder	Sprawler
606	Lopescladius	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Lopescladius					2.2	2.2	Gather/Collector	Burrower
607	Helochares maculicollis	Arthropoda	Insecta		Coleoptera		Hydrophilidae			Helochares		maculicollis			8.217		Predator	Unidentified
608	Metricnemus eurynotus	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Metricnemus		eurynotus			5.034		Unidentified	Unidentified
609	Thienemanniella boltoni	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Thienemanniella		boltoni			6		Gather/Collector	Sprawler
610	Paraphaenocladus pusillus	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Paraphaenocladus		pusillus			4		Gather/Collector	Sprawler
611	Pycnopsyche	Arthropoda	Insecta		Trichoptera		Limnephilidae		Stenophylacini	Pycnopsyche					2.3	2.3	Shredder	Unidentified
612	Agapetus	Arthropoda	Insecta		Trichoptera		Glossosomatidae			Agapetus					0	0	Scraper	Unidentified
613	Yugus arinus	Arthropoda	Insecta		Plecoptera		Perlodidae	Perlodinae	Perlodini	Yugus		arinus			0	0	Predator	Clinger
614	Stratiomyidae	Arthropoda	Insecta		Diptera		Stratiomyidae								7		Gather/Collector	Sprawler
615	Chromagrion	Arthropoda	Insecta		Odonata		Coenagrionidae			Chromagrion					6		Predator	Climber
616	Dromogomphus armatus	Arthropoda	Insecta		Odonata		Gomphidae			Dromogomphus		armatus			6.3		Predator	Burrower
617	Polypedilum bergi	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Polypedilum		bergi			6		Shredder	Unidentified
618	Orthocladus luteipes	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Orthocladus		luteipes			5.88		Gather/Collector	Unidentified
619	Oecetis	Arthropoda	Insecta		Trichoptera		Leptoceridae	Leptocerinae	Oecetini	Oecetis					5.7	5.7	Predator	Unidentified
620	Liodes	Arthropoda	Insecta		Coleoptera		Dytiscidae			Liodes					7.76		Predator	Unidentified
621	Hygrotus nubilus	Arthropoda	Insecta		Coleoptera		Dytiscidae			Hygrotus		nubilus			7.76		Predator	Unidentified
622	Optioservus ovalis	Arthropoda	Insecta		Coleoptera		Elmidae			Optioservus		ovalis			2.7		Unidentified	Clinger
623	Paracapnia angulata	Arthropoda	Insecta		Plecoptera		Capniidae			Paracapnia		angulata			0.2	0	Shredder	Sprawler
624	Nemouridae	Arthropoda	Insecta		Plecoptera		Nemouridae								3.267		Shredder	Sprawler
625	Rheotanytarsus D	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Rheotanytarsus		D			6.4		Filterer/Collector	Unidentified
626	Ceratopogonidae	Arthropoda	Insecta		Diptera		Ceratopogonidae								6.65		Predator	Sprawler
627	Boyeria grafiana	Arthropoda	Insecta		Odonata		Aeshnidae			Boyeria		grafiana			6.3	6.3	Predator	Unidentified
628	Unio merus carolinianus	Mollusca	Bivalvia		Unionoida		Unionidae			Unio merus		carolinianus			3.65		Filterer/Collector	Unidentified
629	Boyeria	Arthropoda	Insecta		Odonata		Aeshnidae			Boyeria					6.3		Predator	Climber
630	Somatochlora elongata	Arthropoda	Insecta		Odonata		Corduliidae			Somatochlora		elongata			8.9		Predator	Unidentified
631	Anacaena	Arthropoda	Insecta		Coleoptera		Hydrophilidae			Anacaena					8.217		Unidentified	Burrower
632	Neozavrelia	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Neozavrelia					5.034		Unidentified	Unidentified
633	Zavrelimyia bifasciata	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Pentaneurini	Zavrelimyia		bifasciata			9.3		Predator	Sprawler
634	Zavrelimyia	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Pentaneurini	Zavrelimyia					9.3	9.3	Predator	Sprawler
635	Pyralidae	Arthropoda	Insecta		Lepidoptera		Pyralidae								4.675		Shredder	Climber
636	Anabolia	Arthropoda	Insecta		Trichoptera		Limnephilidae		Limnephilini	Anabolia					4		Shredder	Unidentified
637	Hygrotus	Arthropoda	Insecta		Coleoptera		Dytiscidae			Hygrotus					7.76		Predator	Swimmer
638	Nigronia	Arthropoda	Insecta		Megaloptera		Corydalidae			Nigronia					5.85		Predator	Unidentified
639	Trienodes new sps. A?	Arthropoda	Insecta		Trichoptera		Leptoceridae	Leptocerinae	Trienodini	Trienodes		new sps. A?			3.73		Shredder	Unidentified
640	Somatogyrus	Mollusca	Gastropoda		Hydrobiidae		Somatogyrus								6.5	6.5	Scraper	Unidentified
641	Diplocladius cultriger	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Diplocladius		cultriger			7.7	7.7	Gather/Collector	Sprawler
642	Polypedilum laetum	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Polypedilum		laetum			6.67		Unidentified	Unidentified
643	Hudsonimyia parrishi	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Pentaneurini	Hudsonimyia		parrishi			6.136		Predator	Sprawler
644	Pentaneura inconspicua	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Pentaneurini	Pentaneura		inconspicua			4.6		Predator	Sprawler
645	Ablabesmyia janta variation II	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Pentaneurini	Ablabesmyia		janta variation II			7.1		Omnivore	Sprawler
646	Tabanidae	Arthropoda	Insecta		Diptera		Tabanidae								8.5		Predator	Sprawler
647	Brachymesia grava	Arthropoda	Insecta		Odonata		Libellulidae			Brachymesia		grava			9		Predator	Sprawler
648	Polypedilum beckae	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Polypedilum		beckae			6.67		Unidentified	Unidentified
649	Cyphon	Arthropoda	Insecta		Coleoptera		Helodidae			Cyphon					7		Scraper	Climber

GAEPD Example Tolerance Values/FFG/Habit Values for Macroinvertebrates for the State																		
BenTaxalID	FinalID	Phylum	Class	Subclass	Order	Suborder	Family	Subfamily	Tribe	Genus	Subgenus	Species	Subspecies	Variety	ToVal	*ToValINC	FFG	Habit
650	Hydrobius	Arthropoda	Insecta		Coleoptera		Hydrophilidae			Hydrobius					8		Predator	Unidentified
651	Enallagma hageni	Arthropoda	Insecta		Odonata		Coenagrionidae			Enallagma		hageni			9		Predator	Climber
652	Cercyon	Arthropoda	Insecta		Coleoptera		Hydrophilidae			Cercyon					8.217		Unidentified	Unidentified
653	Physidae	Mollusca	Gastropoda		Basommatophora		Physidae								9.1		Scraper	Unidentified
654	Agraylea	Arthropoda	Insecta		Trichoptera		Hydroptilidae		Hydroptilini	Agraylea					5.7		Unidentified	Clinger
655	Psychomyia	Arthropoda	Insecta		Trichoptera		Psychomyiidae			Psychomyia					2.65		Scraper	Clinger
656	Omisis	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Omisis					6.72		Unidentified	Unidentified
657	Einfeldia pagana	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Einfeldia		pagana			8		Gather/Collector	Unidentified
658	Tribelos fuscicornis	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Tribelos		fuscicornis			6.6		Gather/Collector	Burrower
659	Helocordulia	Arthropoda	Insecta		Odonata		Corduliidae			Helocordulia					5		Predator	Sprawler
660	Talitridae	Arthropoda	Malacostraca		Amphipoda		Talitridae								8		Gather/Collector	Unidentified
661	Somatochlora	Arthropoda	Insecta		Odonata		Corduliidae			Somatochlora					8.9	8.9	Predator	Climber
662	Corisella	Arthropoda	Insecta		Heteroptera		Corixidae			Corisella					9		Predator	Swimmer
663	Dicrotendipes nervosus	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Dicrotendipes		nervosus			10	10	Gather/Collector	Burrower
664	Microvelia pulchella	Arthropoda	Insecta		Heteroptera		Veliidae			Microvelia		pulchella			6		Predator	Skater
665	Glyptotendipes testaceus	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Glyptotendipes		testaceus			8.5		Unidentified	Unidentified
666	Chironomus staegeri	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Chironomus		staegeri			9.8		Unidentified	Burrower
667	Chironomus stigmaterus	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Chironomus		stigmaterus			9.8		Omnivore	Sprawler
668	Laccophilus	Arthropoda	Insecta		Coleoptera		Dytiscidae			Laccophilus					10	10	Predator	Unidentified
669	Heterotrissocladius	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Heterotrissocladius					5.4		Gather/Collector	Sprawler
670	Glyptotendipes paripes	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Glyptotendipes		paripes			8.5		Unidentified	Burrower
671	Paratanytarsus E	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Paratanytarsus		E			7.7		Gather/Collector	Unidentified
672	Parachironomus tenuicaudatus complex	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Parachironomus		tenuicaudatus complex			9.2		Unidentified	Sprawler
673	Ptilostomis	Arthropoda	Insecta		Trichoptera		Phryganeidae			Ptilostomis					6.7	6.7	Shredder	Clinger
674	Hydrochus rugosus	Arthropoda	Insecta		Coleoptera		Hydrophilidae			Hydrochus		rugosus			8.217		Shredder	Swimmer
675	Orthocladus oliveri	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Orthocladus		oliveri			5.88		Gather/Collector	Unidentified
676	Tanytarsus K	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Tanytarsus		K			6.7		Unidentified	Unidentified
677	Labrundinia becki	Arthropoda	Insecta		Diptera		Chironomidae	Tanytarsinae	Pentaneurini	Labrundinia		becki			6.267		Predator	Sprawler
678	Tanytarsus W	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Tanytarsus		W			6.7		Unidentified	Unidentified
679	Labrundinia virescens	Arthropoda	Insecta		Diptera		Chironomidae	Tanytarsinae	Pentaneurini	Labrundinia		virescens			4.5	4.5	Predator	Sprawler
680	Tanytarsus V	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Tanytarsus		V			6.7		Unidentified	Unidentified
681	Pothastia	Arthropoda	Insecta		Diptera		Chironomidae	Diamesinae	Diamesini	Pothastia					4.7		Omnivore	Sprawler
682	Notonecta	Arthropoda	Insecta		Heteroptera		Notonectidae			Notonecta					5		Predator	Unidentified
683	Cymbiodyta	Arthropoda	Insecta		Coleoptera		Hydrophilidae			Cymbiodyta					8.217		Unidentified	Swimmer
684	Planorbidae	Mollusca	Gastropoda		Basommatophora		Planorbidae								7.45		Scraper	Unidentified
685	Zavrelia	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Zavrelia					2.7	2.7	Gather/Collector	Swimmer
686	Corduliidae	Arthropoda	Insecta		Odonata		Corduliidae								5		Predator	Climber
687	Eurylophella bicolor	Arthropoda	Insecta		Ephemeroptera		Ephemerellidae			Eurylophella		bicolor			5.1	5.1	Gather/Collector	Unidentified
688	Trienodes	Arthropoda	Insecta		Trichoptera		Leptoceridae	Leptocerinae	Trienodini	Trienodes					3.73		Shredder	Unidentified
689	Baetisca	Arthropoda	Insecta		Ephemeroptera		Baetiscidae			Baetisca					1.87		Gather/Collector	Sprawler
690	Hesperocorixa	Arthropoda	Insecta		Heteroptera		Corixidae			Hesperocorixa					9		Predator	Swimmer
691	Ablabesmyia monilis	Arthropoda	Insecta		Diptera		Chironomidae	Tanytarsinae	Pentaneurini	Ablabesmyia		monilis			6.43		Omnivore	Sprawler
692	Ephemeridae	Arthropoda	Insecta		Ephemeroptera		Ephemeridae								2.3		Gather/Collector	Burrower
693	Palaemonias	Arthropoda	Malacostraca		Decapoda		Atyidae			Palaemonias					4		Omnivore	Unidentified
694	Chironomus austini	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Chironomus		austini			9.8		Unidentified	Burrower
695	Dytiscidae	Arthropoda	Insecta		Coleoptera		Dytiscidae								7.76		Predator	Unidentified
696	Gymnometriocnemus	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Gymnometriocnemus					7		Gather/Collector	Sprawler
697	Heterotrissocladius cladwell/boltoni complex	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Heterotrissocladius		cladwell/boltoni complex			5.4		Gather/Collector	Unidentified
698	Phryganeidae	Arthropoda	Insecta		Trichoptera		Phryganeidae								6.7		Shredder	Climber
699	Ablabesmyia (Karelia) sp.	Arthropoda	Insecta		Diptera		Chironomidae	Tanytarsinae	Pentaneurini	Ablabesmyia		(Karelia) sp.			6.43		Omnivore	Sprawler
700	Curculionidae	Arthropoda	Insecta		Coleoptera		Curculionidae								3.8		Shredder	Clinger
701	Tanytus	Arthropoda	Insecta		Diptera		Chironomidae	Tanytarsinae	Tanytarsini	Tanytus					9.6	9.6	Predator	Sprawler
702	Parachironomus chaetaolus complex	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Parachironomus		chaetaolus			9.2		Unidentified	Sprawler
703	Hesperophylax	Arthropoda	Insecta		Trichoptera		Limnephilidae		Limnephilini	Hesperophylax					5		Shredder	Sprawler
704	Paraleptophlebia	Arthropoda	Insecta		Ephemeroptera		Leptophlebiidae			Paraleptophlebia					1.2	1.2	Gather/Collector	Swimmer
705	Valvata lewisi	Mollusca	Gastropoda		Heterostropha		Valvatidae			Valvata		lewisi			8		Scraper	Unidentified
706	Manoa	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae		Manoa					6.23		Unidentified	Unidentified
707	Epeorus rubidus complex	Arthropoda	Insecta		Ephemeroptera		Heptageniidae			Epeorus		rubidus complex			1.4		Unidentified	Clinger
708	Lethocerus	Arthropoda	Insecta		Heteroptera		Belostomatidae			Lethocerus					9.8		Predator	Swimmer

GAEPD Example Tolerance Values/FFG/Habit Values for Macroinvertebrates for the State																		
BenTaxalID	FinalID	Phylum	Class	Subclass	Order	Suborder	Family	Subfamily	Tribe	Genus	Subgenus	Species	Subspecies	Variety	ToVal	*ToValINC	FFG	Habit
709	Rhyacophila glaberrima	Arthropoda	Insecta		Trichoptera		Rhyacophilidae			Rhyacophila		glaberrima			0.8		Predator	Clinger
710	Marilia flexuosa	Arthropoda	Insecta		Trichoptera		Odontoceridae			Marilia		flexuosa			0		Shredder	Unidentified
711	Phylocentropus	Arthropoda	Insecta		Trichoptera		Dipseudopsidae			Phylocentropus					5.6	5.6	Filterer/Collector	Clinger
712	Rheocricotopus tuberculatus	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Rheocricotopus		tuberculatus			6.8	6.8	Unidentified	Burrower
713	Stempellinella C	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Stempellinella		C			5.3		Gather/Collector	Sprawler
714	Pelonomus obscurus	Arthropoda	Insecta		Coleoptera		Dryopidae			Pelonomus		obscurus			5.4		Shredder	Climber
715	Rhyacophila torva	Arthropoda	Insecta		Trichoptera		Rhyacophilidae			Rhyacophila		torva			1.8	1.8	Predator	Clinger
716	Papilionidae	Arthropoda	Insecta		Lepidoptera		Papilionidae								5		Shredder	Unidentified
717	Cambarus bartonii	Arthropoda	Malacostraca		Decapoda		Cambaridae			Cambarus		bartonii			8.1		Unidentified	Unidentified
718	Lestes	Arthropoda	Insecta		Odonata		Lestidae			Lestes					9		Predator	Climber
719	Cambarus scotti	Arthropoda	Malacostraca		Decapoda		Cambaridae			Cambarus		scotti			8.1		Unidentified	Unidentified
720	Dixa	Arthropoda	Insecta		Diptera		Dixidae			Dixa					2.8	2.8	Gather/Collector	Unidentified
721	Sialis americana	Arthropoda	Insecta		Megaloptera		Sialidae			Sialis		americana			7.5		Predator	Unidentified
722	Leptotarsus	Arthropoda	Insecta		Diptera		Tipulidae	Tipulinae		Leptotarsus					7.7		Unidentified	Burrower
723	Glossosoma	Arthropoda	Insecta		Trichoptera		Glossosomatidae		Glossosomatini	Glossosoma					1.5	1.5	Scraper	Clinger
724	Laccobius	Arthropoda	Insecta		Coleoptera		Hydrophilidae			Laccobius					8		Predator	Unidentified
725	Ferrissia rivularis	Mollusca	Gastropoda		Basommatophora		Ancylidae			Ferrissia		rivularis			6.9		Scraper	Unidentified
726	Rhyacophila formosa	Arthropoda	Insecta		Trichoptera		Rhyacophilidae			Rhyacophila		formosa			0.8		Predator	Clinger
727	Cordulegaster	Arthropoda	Insecta		Odonata		Cordulegasteridae			Cordulegaster					6.1	6.1	Predator	Unidentified
728	Lanthus	Arthropoda	Insecta		Odonata		Gomphidae			Lanthus					2.7	2.7	Predator	Burrower
729	Theliopsycha	Arthropoda	Insecta		Trichoptera		Lepidostomatidae			Theliopsycha					1		Shredder	Unidentified
730	Parakiefferiella coronata	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Parakiefferiella		coronata			5.9		Gather/Collector	Sprawler
731	Rhyacophila atrata	Arthropoda	Insecta		Trichoptera		Rhyacophilidae			Rhyacophila		atrata			0	0	Predator	Clinger
732	Cambarus hiwasseensis	Arthropoda	Malacostraca		Decapoda		Cambaridae			Cambarus		hiwasseensis			8.1		Unidentified	Unidentified
733	Prosimulium mixtum	Arthropoda	Insecta		Diptera		Simuliidae		Prosimuliini	Prosimulium		mixtum			3.3	3.3	Filterer/Collector	Clinger
734	Leptocerus americanus	Arthropoda	Insecta		Trichoptera		Leptoceridae	Leptocerinae	Leptocerini	Leptocerus		americanus			3.469		Unidentified	Unidentified
735	Diamesa C	Arthropoda	Insecta		Diptera		Chironomidae	Diametinae	Diametini	Diamesa		C			7.7		Gather/Collector	Sprawler
736	Telopelopia okoboji	Arthropoda	Insecta		Diptera		Chironomidae	Tanytarsinae	Pentaneurini	Telopelopia		okoboji			4		Predator	Unidentified
737	Tveteria paucunca	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Tveteria		paucunca			3.95		Gather/Collector	Sprawler
738	Corynoneura lobata	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Corynoneura		lobata			6.2		Gather/Collector	Sprawler
739	Prosimulium rhizophorum	Arthropoda	Insecta		Diptera		Simuliidae		Prosimuliini	Prosimulium		rhizophorum			2.6		Filterer/Collector	Clinger
740	Diamesa	Arthropoda	Insecta		Diptera		Chironomidae	Diametinae	Diametini	Diamesa					7.7	7.7	Gather/Collector	Sprawler
741	Heterotrissocladius marcidus	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Heterotrissocladius		marcidus			5.4		Gather/Collector	Unidentified
742	Parakiefferiella F	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Parakiefferiella		F			5.9		Gather/Collector	Sprawler
743	Micropsectra E	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Micropsectra		E			1.4		Gather/Collector	Unidentified
744	Thienemanniella lobapodema	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Thienemanniella		lobapodema			6		Gather/Collector	Sprawler
745	Djalmabatista pulcher variant (5 toothed)	Arthropoda	Insecta		Diptera		Chironomidae	Tanytarsinae	Procladiini	Djalmabatista		pulcher variant (5 toothed)			3		Predator	Sprawler
746	Hydroptilidae	Arthropoda	Insecta		Trichoptera		Hydroptilidae								5.9		Unidentified	Climber
747	Lype diversa	Arthropoda	Insecta		Trichoptera		Psychomyiidae			Lype		diversa			4.3	4.3	Scraper	Burrower
748	Isoperla similis	Arthropoda	Insecta		Plecoptera		Perlodidae	Isoperlinae		Isoperla		similis			0.7	0.7	Predator	Unidentified
749	Epeorus pleuralis	Arthropoda	Insecta		Ephemeroptera		Heptageniidae			Epeorus		pleuralis			2	2	Unidentified	Clinger
750	Ephemera	Arthropoda	Insecta		Ephemeroptera		Ephemeridae			Ephemera					2.2	2.2	Gather/Collector	Burrower
751	Habrophlebiodes	Arthropoda	Insecta		Ephemeroptera		Leptophlebiidae			Habrophlebiodes					2.53		Unidentified	Swimmer
752	Dannella	Arthropoda	Insecta		Ephemeroptera		Ephemerellidae			Dannella					1.95		Gather/Collector	Unidentified
753	Hetaerina	Arthropoda	Insecta		Odonata		Calopterygidae			Hetaerina					6.2	6.2	Predator	Unidentified
754	Paracladopelma doris	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Paracladopelma		doris			6.4		Gather/Collector	Sprawler
755	Attaneuria ruralis	Arthropoda	Insecta		Plecoptera		Perlidae		Acroneurini	Attaneuria		ruralis			1		Predator	Clinger
756	Siphonuridae	Arthropoda	Insecta		Ephemeroptera		Siphonuridae								2.6		Gather/Collector	Unidentified
757	Utaperla	Arthropoda	Insecta		Plecoptera		Chloroperlidae			Utaperla					0.675		Unidentified	Unidentified
758	Lepidostomatidae	Arthropoda	Insecta		Trichoptera		Lepidostomatidae								1		Shredder	Climber
759	Orthocladus E	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Orthocladus		E			5.88		Gather/Collector	Unidentified
760	Taeniopteryx burksi	Arthropoda	Insecta		Plecoptera		Taeniopterygidae			Taeniopteryx		burksi			5.8	5.8	Omnivore	Unidentified
761	Dineutus robertsi	Arthropoda	Insecta		Coleoptera		Gyrinidae			Dineutus		robertsi			5.5		Predator	Swimmer
762	Pycnopsycha lepida complex	Arthropoda	Insecta		Trichoptera		Limnephilidae		Stenophylacini	Pycnopsycha		lepida complex			2.5		Unidentified	Unidentified
763	Pycnopsycha divergens	Arthropoda	Insecta		Trichoptera		Limnephilidae		Stenophylacini	Pycnopsycha		divergens			2.3		Unidentified	Unidentified
764	Rheopelopia acra	Arthropoda	Insecta		Diptera		Chironomidae	Tanytarsinae	Pentaneurini	Rheopelopia		acra			2.9		Predator	Sprawler
765	Gyrinidae	Arthropoda	Insecta		Coleoptera		Gyrinidae								5.9		Predator	Swimmer
766	Cantopelopia gesta	Arthropoda	Insecta		Diptera		Chironomidae	Tanytarsinae	Pentaneurini	Cantopelopia		gesta			6.136		Unidentified	Unidentified
767	Ephemerella crenula	Arthropoda	Insecta		Ephemeroptera		Ephemerellidae			Ephemerella		crenula			1.657		Unidentified	Unidentified

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BenTaxalID	FinalID	Phylum	Class	Subclass	Order	Suborder	Family	Subfamily	Tribe	Genus	Subgenus	Species	Subspecies	Variety	ToVal	*ToValINC	FFG	Habit
768	Geothocladius	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaudiinae		Geothocladius					5.034		Unidentified	Sprawler
769	Diploperla duplicata	Arthropoda	Insecta			Plecoptera	Perlodidae	Perlodinae	Diploperlinae	Diploperla		duplicata			2.7	2.7	Predator	Unidentified
770	Pisidium amnicum	Mollusca	Bivalvia			Veneroida	Pisidiidae			Pisidium		amnicum			6.8		Filterer/Collector	Unidentified
771	Rhyacophila carolina complex	Arthropoda	Insecta			Trichoptera	Rhyacophilidae			Rhyacophila					0		Predator	Clinger
772	Paratendipes albianus	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Chironomini	Paratendipes		albimanus			5.3		Gather/Collector	Clinger
773	Diamesinae	Arthropoda	Insecta			Diptera	Chironomidae	Diamesinae							5.543		Gather/Collector	Sprawler
774	Celina	Arthropoda	Insecta			Coleoptera	Dytiscidae			Celina					5		Predator	Swimmer
775	Musculium transversum	Mollusca	Bivalvia			Veneroida	Pisidiidae			Musculium		transversum			5		Filterer/Collector	Unidentified
776	Lestes inaequalis	Arthropoda	Insecta			Odonata	Lestidae			Lestes		inaequalis			9		Predator	Unidentified
777	Chelifera	Arthropoda	Insecta			Diptera	Empididae		Hemerodromiini	Chelifera					6		Gather/Collector	Unidentified
778	Rheopelopia paramaculipennis	Arthropoda	Insecta			Diptera	Chironomidae	Tanypodinae	Pentaneurini	Rheopelopia		paramaculipennis			2.9		Predator	Sprawler
779	Diamesa A	Arthropoda	Insecta			Diptera	Chironomidae	Diamesinae	Diamesini	Diamesa	A				7.7		Gather/Collector	Sprawler
780	Petrophila	Arthropoda	Insecta			Lepidoptera	Pyralidae			Petrophila					2.7		Scraper	Climber
781	Belostoma	Arthropoda	Insecta			Heteroptera	Belostomatidae			Belostoma					9.8	9.8	Predator	Unidentified
782	Tanypodinae unknown genus	Arthropoda	Insecta			Diptera	Chironomidae	Tanypodinae		Tanypodinae unknown genus					6.695		Unidentified	Unidentified
783	Paratanytarsus quadratus complex	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Tanytarsini	Paratanytarsus		quadratus complex			7.7		Gather/Collector	Unidentified
784	Baetiscidae	Arthropoda	Insecta			Ephemeroptera	Baetiscidae								1.87		Unidentified	Unidentified
785	Zalutschia A	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaudiinae		Zalutschia	A				7		Shredder	Unidentified
786	Pisidiidae	Mollusca	Bivalvia			Veneroida	Pisidiidae								7.25		Gather/Collector	Unidentified
787	Monopelopia boliekae	Arthropoda	Insecta			Diptera	Chironomidae	Tanypodinae	Pentaneurini	Monopelopia		boliekae			6		Predator	Sprawler
788	Monopelopia tillandsia	Arthropoda	Insecta			Diptera	Chironomidae	Tanypodinae	Pentaneurini	Monopelopia		tillandsia			6		Predator	Sprawler
789	Bryophaenocladus	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaudiinae		Bryophaenocladus					5.034		Unidentified	Sprawler
790	Doithrix	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaudiinae		Doithrix					5.034		Unidentified	Unidentified
791	Zavreliella marmorata	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Tanytarsini	Zavreliella		marmorata			4.178		Unidentified	Unidentified
792	Planorbella magnifica	Mollusca	Gastropoda			Basommatophora	Planorbidae			Planorbella		magnifica			8.45		Scraper	Unidentified
793	Einfeldia A	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Chironomini	Einfeldia	A				8		Gather/Collector	Unidentified
794	Planorbula armigera	Mollusca	Gastropoda			Basommatophora	Planorbidae			Planorbula		armigera			7.45		Scraper	Unidentified
795	Unionidae	Mollusca	Bivalvia			Unionoida	Unionidae								3.65		Filterer/Collector	Unidentified
796	Peltodytes sexmaculatus	Arthropoda	Insecta			Coleoptera	Halipidae			Peltodytes		sexmaculatus			8.5		Shredder	Unidentified
797	Hirudinea	Annelida	Clitellata	Hirudinea											10		Predator	Unidentified
798	Glossiphoniidae	Annelida	Clitellata			Rhynchobdellida	Glossiphoniidae								8.03		Predator	Unidentified
799	Guttipelopia guttipennis	Arthropoda	Insecta			Diptera	Chironomidae	Tanypodinae	Pentaneurini	Guttipelopia		guttipennis			6.136		Predator	Sprawler
800	Chironomus longipes	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Chironomini	Chironomus		longipes			9.8		Unidentified	Burrower
801	Crangonyx	Arthropoda	Malacostraca			Amphipoda	Crangonyctidae			Crangonyx					8	8	Gather/Collector	Unidentified
802	Caecidotea	Arthropoda	Malacostraca			Isopoda	Asellidae			Caecidotea					6		Gather/Collector	Unidentified
803	Corduliinae	Arthropoda	Insecta			Odonata	Corduliidae	Corduliinae							5		Predator	Unidentified
804	Climacia	Arthropoda	Insecta			Megaloptera	Sisyridae			Climacia					6.5		Predator	Clinger
805	Paratendipes subaequalis	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Chironomini	Paratendipes		subaequalis			5.3		Gather/Collector	Unidentified
806	Stenonema carlsoni	Arthropoda	Insecta			Ephemeroptera	Heptageniidae			Stenonema		carlsoni			2.1	2.1	Unidentified	Clinger
807	Baetisca berneri	Arthropoda	Insecta			Ephemeroptera	Baetiscidae			Baetisca		berneri			0.6	0.6	Unidentified	Unidentified
808	Leuctra	Arthropoda	Insecta			Plecoptera	Leuctridae			Leuctra					0.7	0.7	Shredder	Sprawler
809	Philopotamidae	Arthropoda	Insecta			Trichoptera	Philopotamidae								3		Filterer/Collector	Clinger
810	Chaetocladius ligni	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaudiinae		Chaetocladius		ligni			6		Gather/Collector	Sprawler
811	Cladotanytarsus daviesi	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Tanytarsini	Cladotanytarsus		daviesi			3.7		Gather/Collector	Unidentified
812	Nanocladius downesi	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaudiinae		Nanocladius		downesi			2.6	2.6	Gather/Collector	Sprawler
813	Zavreliomyia sinuosa complex	Arthropoda	Insecta			Diptera	Chironomidae	Tanypodinae	Pentaneurini	Zavreliomyia		sinuosa complex			9.3		Predator	Sprawler
814	Neurocordulia alabamensis	Arthropoda	Insecta			Odonata	Corduliidae			Neurocordulia		alabamensis			5.8		Predator	Unidentified
815	Somatochlora linearis	Arthropoda	Insecta			Odonata	Corduliidae			Somatochlora		linearis			8.9		Predator	Unidentified
816	Stenelmis antennalis	Arthropoda	Insecta			Coleoptera	Elmidae			Stenelmis		antennalis			5.4		Omnivore	Clinger
817	Brachycentrus chelatus	Arthropoda	Insecta			Trichoptera	Brachycentridae			Brachycentrus		chelatus			0	0	Filterer/Collector	Clinger
818	Procambarus gibbus	Arthropoda	Malacostraca			Decapoda	Cambaridae			Procambarus		gibbus			9.5		Unidentified	Unidentified
819	Ephoron leukon	Arthropoda	Insecta			Ephemeroptera	Polymitarcyidae			Ephoron		leukon			1.5	1.5	Gather/Collector	Burrower
820	Ablabesmyia simpsoni	Arthropoda	Insecta			Diptera	Chironomidae	Tanypodinae	Pentaneurini	Ablabesmyia		simpsoni			6.43		Omnivore	Sprawler
821	Labrundinia C	Arthropoda	Insecta			Diptera	Chironomidae	Tanypodinae	Pentaneurini	Labrundinia	C				6.267		Predator	Sprawler
822	Unniella multivirga	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaudiinae		Unniella		multivirga			0	0	Gather/Collector	Burrower
823	Stempellinella leptocelloides	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Tanytarsini	Stempellinella		leptocelloides			5.3		Gather/Collector	Sprawler
824	Procambarus (Ortmannicus)	Arthropoda	Malacostraca			Decapoda	Cambaridae			Procambarus					9.5		Unidentified	Unidentified
825	Libellula	Arthropoda	Insecta			Odonata	Libellulidae			Libellula					9.8	9.8	Predator	Sprawler
826	Ironoquia	Arthropoda	Insecta			Trichoptera	Limnephilidae			Ironoquia					7.3		Shredder	Clinger

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827	Copelatus caelatiipennis	Arthropoda	Insecta		Coleoptera		Dytiscidae			Copelatus		caelatiipennis			9.1		Predator	Unidentified
828	Hydaticus bimariginatus	Arthropoda	Insecta		Coleoptera		Dytiscidae			Hydaticus		bimariginatus			5		Predator	Swimmer
829	Laevapex diaphanus	Mollusca	Gastropoda		Basommatophora		Ancylidae			Laevapex		diaphanus			7.3		Scraper	Unidentified
830	Musculium	Mollusca	Bivalvia		Veneroida		Pisidiidae			Musculium					5		Filterer/Collector	Unidentified
831	Chaoborus	Arthropoda	Insecta		Diptera		Chaoboridae			Chaoborus					8.5		Predator	Sprawler
832	Ephydriidae	Arthropoda	Insecta		Diptera		Ephydriidae								6		Gather/Collector	Burrower
833	Dolichopodidae	Arthropoda	Insecta		Diptera		Dolichopodidae								9.7	9.7	Predator	Sprawler
834	Chironomini	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini						6.72		Gather/Collector	Burrower
835	Ephemerella dorothea	Arthropoda	Insecta		Ephemeroptera		Ephemerellidae			Ephemerella		dorothea			1.657		Unidentified	Unidentified
836	Oemopteryx	Arthropoda	Insecta		Plecoptera		Taeniopterygidae			Oemopteryx					4		Unidentified	Sprawler
837	Rhyacophila invaria	Arthropoda	Insecta		Trichoptera		Rhyacophilidae			Rhyacophila		invaria			0.8		Predator	Clinger
838	Bittacomorpha	Arthropoda	Insecta		Diptera		Ptychopteridae	Bittacomorphinae		Bittacomorpha					10		Gather/Collector	Burrower
839	Demicryptochironomus B	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini		B	Demicryptochironomus			2.1		Gather/Collector	Burrower
840	Elimia carinifera	Mollusca	Gastropoda		Neotaenioglossa		Pleuroceridae			Elimia		carinifera			2.5		Scraper	Unidentified
841	Stenacron	Arthropoda	Insecta		Ephemeroptera		Heptageniidae			Stenacron					3.9		Scraper	Clinger
842	Nyctiophylax moestus	Arthropoda	Insecta		Trichoptera		Polycentropodidae			Nyctiophylax		moestus			2.6	2.6	Predator	Unidentified
843	Empididae	Arthropoda	Insecta		Diptera		Empididae								8.1	8.1	Predator	Sprawler
844	Eukiefferiella pseudomontana group	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Eukiefferiella		pseudomontana group			3.28		Gather/Collector	Sprawler
845	Pericoma albitarsis	Arthropoda	Insecta		Diptera		Psychodidae			Pericoma		albitarsis			4		Gather/Collector	Burrower
846	Acentrella turbida	Arthropoda	Insecta		Ephemeroptera		Baetidae			Acentrella		turbida			3.6		Gather/Collector	Unidentified
847	Menetus brogniartianus	Mollusca	Gastropoda		Basommatophora		Planorbidae			Menetus		brogniartianus			8.4		Scraper	Unidentified
848	Libellulidae	Arthropoda	Insecta		Odonata		Libellulidae								9		Predator	Sprawler
849	Rheocricotopus acra group	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Rheocricotopus		acra group			7.25		Unidentified	Unidentified
850	Ceratopsyche	Arthropoda	Insecta		Trichoptera		Hydropsychidae			Ceratopsyche					1.375		Filterer/Collector	Clinger
851	Hydroporini	Arthropoda	Insecta		Coleoptera		Dytiscidae	Hydroporini							7.76		Predator	Swimmer
852	Oecetis E	Arthropoda	Insecta		Trichoptera		Leptoceridae	Leptocerinae	Oecetini	Oecetis	E				5.7		Unidentified	Unidentified
853	Atrichopogon websteri	Arthropoda	Insecta		Diptera		Ceratopogonidae			Atrichopogon		websteri			6.8		Predator	Unidentified
854	Tvetenia bavarica	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Tvetenia		bavarica			4	4	Gather/Collector	Sprawler
855	Stenelmis humerosa/sinuata complex	Arthropoda	Insecta		Coleoptera		Elmidae			Stenelmis		humerosa/sinuata complex			5.4		Omnivore	Clinger
856	Hydroporus aulicus	Arthropoda	Insecta		Coleoptera		Dytiscidae			Hydroporus		aulicus			8.9		Predator	Unidentified
857	Parachaetocladius	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Parachaetocladius					0	0	Gather/Collector	Sprawler
858	Sphaerium simile	Mollusca	Bivalvia		Veneroida		Pisidiidae			Sphaerium		simile			7.7		Unidentified	Unidentified
859	Leucrocuta	Arthropoda	Insecta		Ephemeroptera		Heptageniidae			Leucrocuta					0	0	Scraper	Clinger
860	Pedicia/Dicranota complex	Arthropoda	Insecta		Diptera		Tipulidae	Limoniinae	Pediciini	Pedicia/Dicranota complex					3		Predator	Unidentified
861	Elimia curvicostata	Mollusca	Gastropoda		Neotaenioglossa		Pleuroceridae			Elimia		curvicostata			2.5		Scraper	Unidentified
862	Rhyacophila ledra/fenestra complex	Arthropoda	Insecta		Trichoptera		Rhyacophilidae			Rhyacophila		ledra/fenestra complex			0.8		Predator	Clinger
863	Procloeon/Centroptilum complex	Arthropoda	Insecta		Ephemeroptera		Baetidae			Procloeon/Centroptilum complex					5.647		Unidentified	Swimmer
864	Cricotopus triannulatus/infuscatus complex	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Cricotopus	Cricotopus (Cricotopus)	triannulatus/infuscatus complex			8.12		Unidentified	Unidentified
865	Palaemonetes	Arthropoda	Malacostraca		Decapoda		Palaemonidae			Palaemonetes					4		Unidentified	Unidentified
866	Cyathura polita	Arthropoda	Malacostraca		Isopoda		Anthuridae			Cyathura		polita			8		Gather/Collector	Unidentified
867	Nereididae	Annelida	Polychaeta		Aciculata		Nereididae								6		Probably marine	Unidentified
868	Phyllodocidae	Annelida	Polychaeta		Aciculata		Phyllodocidae								6		Probably marine	Unidentified
869	Uca pugnax	Arthropoda	Malacostraca		Decapoda		Ocypodidae			Uca		pugnax			6		Marine	Unidentified
870	Ocypodidae	Arthropoda	Malacostraca		Decapoda		Ocypodidae								6		Marine	Unidentified
871	Cassinidea lunifrons	Arthropoda	Malacostraca		Isopoda		Sphaeromatidae			Cassinidea		lunifrons			6		Probably marine	Unidentified
872	Chiridotea	Arthropoda	Malacostraca		Isopoda		Chaetiliidae			Chiridotea					6		Probably marine	Unidentified
873	Probopyrus	Arthropoda	Malacostraca		Isopoda		Bopyridae			Probopyrus					6		Gather/Collector	Unidentified
874	Neophylax	Arthropoda	Insecta		Trichoptera		Uenoidae			Neophylax					1.6	1.6	Scraper	Clinger
875	Helichus fastigiatus	Arthropoda	Insecta		Coleoptera		Dryopidae			Helichus		fastigiatus			5.4		Shredder	Clinger
876	Paraphaenocladus exagitans	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Paraphaenocladus		exagitans			4		Gather/Collector	Sprawler
877	Ceratopsyche ventura	Arthropoda	Insecta		Trichoptera		Hydropsychidae			Ceratopsyche		ventura			0	0	Filterer/Collector	Clinger
878	Tanypus neopunctipennis	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Tanypodini	Tanypus		neopunctipennis			9.6		Omnivore	Sprawler
879	Stempellina C	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Stempellina		C			2		Gather/Collector	Unidentified
880	Palaemonetes kadiakensis	Arthropoda	Malacostraca		Decapoda		Palaemonidae			Palaemonetes		kadiakensis			4		Omnivore	Unidentified
881	Oecetis georgia	Arthropoda	Insecta		Trichoptera		Leptoceridae	Leptocerinae	Oecetini	Oecetis		georgia			8		Unidentified	Unidentified
882	Trienodes ignitus	Arthropoda	Insecta		Trichoptera		Leptoceridae	Leptocerinae	Trienodini	Trienodes		ignitus			3.73		Shredder	Unidentified
883	Trienodes helo/perna complex	Arthropoda	Insecta		Trichoptera		Leptoceridae	Leptocerinae	Trienodini	Trienodes		helo/perna complex			3.73		Shredder	Unidentified
884	Nectopsyche pavida	Arthropoda	Insecta		Trichoptera		Leptoceridae	Leptocerinae	Nectopsychini	Nectopsyche		pavida			4.2	4.2	Omnivore	Unidentified
885	Molanna blenda	Arthropoda	Insecta		Trichoptera		Molannidae			Molanna		blenda			3.9	3.9	Unidentified	Unidentified

GAEPD Example Tolerance Values/FFG/Habit Values for Macroinvertebrates for the State																		
BenTaxalID	FinalID	Phylum	Class	Subclass	Order	Suborder	Family	Subfamily	Tribe	Genus	Subgenus	Species	Subspecies	Variety	ToVal	*ToValINC	FFG	Habit
886	Ferrissia fragilis	Mollusca	Gastropoda			Basommatophora	Ancylidae			Ferrissia		fragilis			6.9		Scraper	Unidentified
887	Phaenopsectra/Tribelos complex	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Phaenopsectra/Tribelos complex					6.7		Unidentified	Unidentified
888	Macromiinae	Arthropoda	Insecta		Odonata		Corduliidae	Macromiinae							6.7		Predator	Sprawler
889	Chauliodes	Arthropoda	Insecta		Megaloptera		Corydalidae			Chauliodes					5.77		Predator	Clinger
890	Anopheles	Arthropoda	Insecta		Diptera		Culicidae			Anopheles					9.1	9.1	Filterer/Collector	Unidentified
891	Campeloma	Mollusca	Gastropoda		Architaenioglossa		Viviparidae			Campeloma					6.7		Scraper	Unidentified
892	Nanocladius crassicornus/rectinervis complex	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Nanocladius		crassicornus/rectinervis complex			7.2		Gather/Collector	Sprawler
893	Lumbricidae	Annelida	Citellata	Oligochaeta	Haplotaxida		Lumbricidae								10		Gather/Collector	Unidentified
894	Clioperla clio	Arthropoda	Insecta		Plecoptera		Perlodidae	Isoperlinae		Clioperla		clio			4.8	4.8	Unidentified	Clinger
895	Dineutus ciliatus	Arthropoda	Insecta		Coleoptera		Gyrinidae			Dineutus		ciliatus			5.5		Predator	Swimmer
896	Lymnaeidae	Mollusca	Gastropoda		Basommatophora		Lymnaeidae								6		Scraper	Unidentified
897	Eukiefferiella claripennis group	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Eukiefferiella		claripennis group			5.7	5.7	Gather/Collector	Sprawler
898	Hydroporus mellitus	Arthropoda	Insecta		Coleoptera		Dytiscidae			Hydroporus		mellitus			1.8	1.8	Predator	Unidentified
899	Helodidae (=Scirtidae)	Arthropoda	Insecta		Coleoptera		Helodidae (=Scirtidae)								7		Unidentified	Climber
900	Menetus dilatatus	Mollusca	Gastropoda		Basommatophora		Planorbidae			Menetus		dilatatus			8.4	8.4	Scraper	Unidentified
901	Gonomyia	Arthropoda	Insecta		Diptera		Tipulidae	Limoniinae	Eriopterini	Gonomyia					5.517		Gather/Collector	Burrower
902	Dicrotendipes modestus	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Dicrotendipes		modestus			9.2	9.2	Filterer/Collector	Burrower
903	Mesocricotopus loticus	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Mesocricotopus		loticus			5.034		Unidentified	Unidentified
904	Rheocricotopus glabricollis	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Rheocricotopus		glabricollis			7.25		Unidentified	Unidentified
905	Tanytarsus N	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Tanytarsus		N			6.7		Unidentified	Unidentified
906	Culicidae	Arthropoda	Insecta		Diptera		Culicidae								9.55		Gather/Collector	Swimmer
907	Erpobdellidae	Annelida	Citellata	Hirudinea	Arhynchobdellida		Erpobdellidae								8.75		Predator	Unidentified
908	Hydropsyche depravata	Arthropoda	Insecta		Trichoptera		Hydropsychidae			Hydropsyche		depravata			3.989		Filterer/Collector	Clinger
909	Faxonella creaseri	Arthropoda	Malacostraca		Decapoda		Cambaridae			Faxonella		creaseri			8		Filterer/Collector	Burrower
910	Promenetus exacuus	Mollusca	Gastropoda		Basommatophora		Planorbidae			Promenetus		exacuus			7.45		Gather/Collector	Unidentified
911	Viviparus georgianus	Mollusca	Gastropoda		Architaenioglossa		Viviparidae			Viviparus		georgianus			6.7		Scraper	Unidentified
912	Orthocladus rubicundus	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Orthocladus		rubicundus			5.88		Gather/Collector	Unidentified
913	Prostoma	Nemertea	Enopla		Hoploneurtea		Tetrastemmatidae			Prostoma					6.6		Predator	Unidentified
914	Plauditus	Arthropoda	Insecta		Ephemeroptera		Baetidae			Plauditus					4		Gather/Collector	Unidentified
915	Taeniopteryx lita/lonicera complex	Arthropoda	Insecta		Plecoptera		Taeniopterygidae			Taeniopteryx		lita/lonicera complex			6.3		Unidentified	Unidentified
916	Stygobromus	Arthropoda	Malacostraca		Amphipoda		Crangonyctidae			Stygobromus					4		Gather/Collector	Unidentified
917	Isoperla transmarina	Arthropoda	Insecta		Plecoptera		Perlodidae	Isoperlinae		Isoperla		transmarina			5.6	5.6	Predator	Unidentified
918	Oemopteryx glacialis	Arthropoda	Insecta		Plecoptera		Taeniopterygidae			Oemopteryx		glacialis			4		Unidentified	Unidentified
919	Parametricnemus F	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Parametricnemus		F			3.7		Gather/Collector	Sprawler
920	Hydroporus shermani	Arthropoda	Insecta		Coleoptera		Dytiscidae			Hydroporus		shermani			8.9		Predator	Unidentified
921	Caenis latipennis	Arthropoda	Insecta		Ephemeroptera		Caenidae			Caenis		latipennis			7.6		Gather/Collector	Unidentified
922	Sigara modesta	Arthropoda	Insecta		Heteroptera		Corixidae			Sigara		modesta			8		Unidentified	Unidentified
923	Basiaeschna janata	Arthropoda	Insecta		Odonata		Aeshnidae			Basiaeschna		janata			7.7	7.7	Predator	Unidentified
924	Rhyacophila lobifera	Arthropoda	Insecta		Trichoptera		Rhyacophilidae			Rhyacophila		lobifera			0.8		Predator	Clinger
925	Hydroporus dilatatus	Arthropoda	Insecta		Coleoptera		Dytiscidae			Hydroporus		dilatatus			8.9		Predator	Unidentified
926	Peltodytes duodecimpunctatus	Arthropoda	Insecta		Coleoptera		Halplidae			Peltodytes		duodecimpunctatus			8.5		Shredder	Unidentified
927	Stegopterna mutata	Arthropoda	Insecta		Diptera		Simuliidae		Prosimuliini	Stegopterna		mutata			5.067		Filterer/Collector	Clinger
928	Helius	Arthropoda	Insecta		Diptera		Tipulidae	Limoniinae	Limoniini	Helius					4		Gather/Collector	Burrower
929	Orthocladus clarkei	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Orthocladus		clarkei			5.8	5.8	Gather/Collector	Unidentified
930	Aeshna	Arthropoda	Insecta		Odonata		Aeshnidae			Aeshna					5		Predator	Climber
931	Baetis flavistriga	Arthropoda	Insecta		Ephemeroptera		Baetidae			Baetis		flavistriga			7.2	7.2	Gather/Collector	Unidentified
932	Gomphus descriptus	Arthropoda	Insecta		Odonata		Gomphidae			Gomphus		descriptus			6.2		Predator	Unidentified
933	Cladopelma	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Cladopelma					2.5	2.5	Gather/Collector	Unidentified
934	Goeldichironomus holoprasinus	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Goeldichironomus		holoprasinus			10	10	Gather/Collector	Climber
935	Saetheria tylus	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Saetheria		tylus			8.1	8.1	Gather/Collector	Unidentified
936	Oulimnius latusculus	Arthropoda	Insecta		Coleoptera		Elmidae			Oulimnius		latusculus			1.8	1.8	Unidentified	Clinger
937	Gammarus	Arthropoda	Malacostraca		Amphipoda		Gammaridae			Gammarus					6.9		Omnivore	Unidentified
938	Orchestia uhleri	Arthropoda	Malacostraca		Amphipoda		Talitridae			Orchestia		uhleri			8		Gather/Collector	Unidentified
939	Corophium	Arthropoda	Malacostraca		Amphipoda		Corophidae			Corophium					8.05		Filterer/Collector	Unidentified
940	Cyathura	Arthropoda	Malacostraca		Isopoda		Anthuridae			Cyathura					8		Gather/Collector	Unidentified
941	Sphaeroma	Arthropoda	Malacostraca		Isopoda		Sphaeromatidae			Sphaeroma					8		Gather/Collector	Unidentified
942	Probopyrus pandalicola	Arthropoda	Malacostraca		Isopoda		Bopyridae			Probopyrus		pandalicola			6		Gather/Collector	Unidentified
943	Palaemonetes paludosus	Arthropoda	Malacostraca		Decapoda		Palaemonidae			Palaemonetes		paludosus			4		Unidentified	Unidentified
944	Ceratopsyche bronta	Arthropoda	Insecta		Trichoptera		Hydropsychidae			Ceratopsyche		bronta			2.7	2.7	Filterer/Collector	Clinger

GAEPD Example Tolerance Values/FFG/Habit Values for Macroinvertebrates for the State																		
BenTaxalID	FinalID	Phylum	Class	Subclass	Order	Suborder	Family	Subfamily	Tribe	Genus	Subgenus	Species	Subspecies	Variety	ToVal	*ToValINC	FFG	Habit
945	Ceratopsyche ventura/macleodi complex	Arthropoda	Insecta		Trichoptera		Hydropsychidae			Ceratopsyche		ventura/macleodi complex			0.45		Filterer/Collector	Clinger
946	Goeridae	Arthropoda	Insecta		Trichoptera		Goeridae								0.3		Scraper	Unidentified
947	Cricotopus luciae	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Cricotopus		luciae			8.12		Unidentified	Unidentified
948	Cricotopus/Orthoclaadius complex	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Cricotopus/Orthoclaadius complex					7.035		Unidentified	Unidentified
949	Eukiefferiella gracei group	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Eukiefferiella		gracei group			2.7		Gather/Collector	Sprawler
950	Pagastia orthogonia	Arthropoda	Insecta		Diptera		Chironomidae	Diamesineae	Diamesini	Pagastia		orthogonia			2.2		Gather/Collector	Unidentified
951	Nanocladius spiniplenus	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Nanocladius		spiniplenus			7.2		Gather/Collector	Sprawler
952	Rheocricotopus pauciseta	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Rheocricotopus		pauciseta			6		Gather/Collector	Unidentified
953	Brachycentrus nigrosoma	Arthropoda	Insecta		Trichoptera		Brachycentridae			Brachycentrus		nigrosoma			2.2	2.2	Filterer/Collector	Clinger
954	Libellula incesta	Arthropoda	Insecta		Odonata		Libellulidae			Libellula		incesta			9.8		Predator	Sprawler
955	Hydroporus clypealis	Arthropoda	Insecta		Coleoptera		Dytiscidae			Hydroporus		clypealis			8.9		Predator	Unidentified
956	Blepharicera	Arthropoda	Insecta		Diptera		Blephariceridae		Blepharicerini	Blepharicera					0.2	0.2	Scraper	Sprawler
957	Micrasema charonis	Arthropoda	Insecta		Trichoptera		Brachycentridae					charonis			0.3	0.3	Unidentified	Unidentified
958	Pseudosuccinea columella	Mollusca	Gastropoda		Basommatophora		Lymnaeidae			Pseudosuccinea		columella			7.2	7.2	Scraper	Unidentified
959	Crangonyctidae	Arthropoda	Malacostraca		Amphipoda		Crangonyctidae								8.05		Unidentified	Unidentified
960	Synurella chamberlaini	Arthropoda	Malacostraca		Amphipoda		Crangonyctidae			Synurella		chamberlaini			8.05		Gather/Collector	Unidentified
961	Faxonella	Arthropoda	Malacostraca		Decapoda		Cambaridae			Faxonella					8		Filterer/Collector	Burrower
962	Pseudocloeon frondale	Arthropoda	Insecta		Ephemeroptera		Baetidae			Pseudocloeon		frondale			4.4		Unidentified	Unidentified
963	Stempellina B	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Stempellina		B			2		Gather/Collector	Unidentified
964	Rhagovelia	Arthropoda	Insecta		Heteroptera		Veliidae			Rhagovelia					6		Predator	Skater
965	Stempellina A	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Stempellina		A			2		Gather/Collector	Unidentified
966	Rhyacophila carolina	Arthropoda	Insecta		Trichoptera		Rhyacophilidae			Rhyacophila		carolina		0	0	Predator	Clinger	
967	Anabolia consocia	Arthropoda	Insecta		Trichoptera		Limnephilidae		Limnephilini	Anabolia		consocia			4		Unidentified	Unidentified
968	Graphoderus liberus	Arthropoda	Insecta		Coleoptera		Dytiscidae			Graphoderus		liberus			7.76		Predator	Swimmer
969	Hyporhygma quadripunctatus	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Hyporhygma		quadripunctatus			6.72		Shredder	Burrower
970	Macropelopia decedens	Arthropoda	Insecta		Diptera		Chironomidae	Tanytopodinae	Macropelopiini	Macropelopia		decedens			6		Predator	Sprawler
971	Pseudogoera singularis	Arthropoda	Insecta		Trichoptera		Odontoceridae			Pseudogoera		singularis			0		Omnivore	Unidentified
972	Elimia proxima	Mollusca	Gastropoda		Neotaenioglossa		Pleuroceridae			Elimia		proxima			2.5		Scraper	Unidentified
973	Elimia caelatura georgiana	Mollusca	Gastropoda		Neotaenioglossa		Pleuroceridae			Elimia		caelatura	georgiana		2.5		Scraper	Unidentified
974	Elimia catenaria	Mollusca	Gastropoda		Neotaenioglossa		Pleuroceridae			Elimia		catenaria			2.5		Scraper	Unidentified
975	Rhamphomyia	Arthropoda	Insecta		Diptera		Empididae			Rhamphomyia					6		Predator	Sprawler
976	Cernotina	Arthropoda	Insecta		Trichoptera		Polycentropodidae			Cernotina					4.067		Predator	Clinger
977	Glyptotendipes B	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Glyptotendipes		B			8.5		Filterer/Collector	Unidentified
978	Ablabesmyia aspera	Arthropoda	Insecta		Diptera		Chironomidae	Tanytopodinae	Pentaneurini	Ablabesmyia		aspera			6.43		Omnivore	Sprawler
979	Hydaticus	Arthropoda	Insecta		Coleoptera		Dytiscidae			Hydaticus					5		Predator	Swimmer
980	Perlinella drymo	Arthropoda	Insecta		Plecoptera		Perlidae		Acroneurini	Perlinella		drymo		0	0	Predator	Clinger	
981	Ceraclea diluta	Arthropoda	Insecta		Trichoptera		Leptoceridae	Leptocerinae	Athripsodini	Ceraclea (Athripsodina)		diluta			2.9		Unidentified	Unidentified
982	Molanna tryphena	Arthropoda	Insecta		Trichoptera		Molannidae			Molanna		tryphena			3.9		Unidentified	Sprawler
983	Stempellinella B	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Stempellinella		B			5.3		Gather/Collector	Sprawler
984	Hydrobius tumidus	Arthropoda	Insecta		Coleoptera		Hydrophilidae			Hydrobius		tumidus			8.217		Omnivore	Climber
985	Erythemis simplicicollis	Arthropoda	Insecta		Odonata		Libellulidae			Erythemis		simplicicollis			7.7	7.7	Predator	Climber
986	Acroneuria carolinensis	Arthropoda	Insecta		Plecoptera		Perlidae		Acroneurini	Acroneuria		carolinensis			0	0	Predator	Clinger
987	Acroneuria arenosa	Arthropoda	Insecta		Plecoptera		Perlidae		Acroneurini	Acroneuria		arenosa			2.2	2.2	Predator	Clinger
988	Heteroplectron americanum	Arthropoda	Insecta		Trichoptera		Calamoceratidae			Heteroplectron		americanum			2.9	2.9	Shredder	Sprawler
989	Pedicia	Arthropoda	Insecta		Diptera		Tipulidae	Limoniinae	Pediciini	Pedicia					6		Predator	Burrower
990	Rhyacophila amicus	Arthropoda	Insecta		Trichoptera		Rhyacophilidae			Rhyacophila		amicus			0.8		Predator	Clinger
991	Hydropsyche betteni/depravata complex	Arthropoda	Insecta		Trichoptera		Hydropsychidae			Hydropsyche		betteni/depravata complex			3.989		Filterer/Collector	Clinger
992	Pisidium compressum	Mollusca	Bivalvia		Veneroidea		Pisidiidae			Pisidium		compressum			6.8		Filterer/Collector	Unidentified
993	Shipsa rotunda	Arthropoda	Insecta		Plecoptera		Nemouridae			Shipsa		rotunda		0.3	0.3	Shredder	Unidentified	
994	Ranatra buenoi	Arthropoda	Insecta		Heteroptera		Nepidae			Ranatra		buenoi			7.5		Predator	Climber
995	Dicrotendipes A	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Dicrotendipes		A			7.9		Gather/Collector	Burrower
996	Gammaridae	Arthropoda	Malacostraca		Amphipoda		Gammaridae								7.8		Gather/Collector	Swimmer
997	Cymellus fraternus	Arthropoda	Insecta		Trichoptera		Polycentropodidae			Cymellus		fraternus			7.4	7.4	Filterer/Collector	Clinger
998	Gerridae	Arthropoda	Insecta		Heteroptera		Gerridae								6.67		Predator	Skater
999	Tricorythidae	Arthropoda	Insecta		Ephemeroptera		Tricorythidae								3.7		Gather/Collector	Unidentified
1000	Goeldichironomus	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Goeldichironomus					8		Gather/Collector	Unidentified
1001	Georthoclaadius (Atelopodella)	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Georthoclaadius	Atelopodella				5.034		Unidentified	Sprawler
1002	Stenelmis quadrimaculata	Arthropoda	Insecta		Coleoptera		Elmidae			Stenelmis		quadrimaculata			5.4		Unidentified	Clinger
1003	Notonectidae	Arthropoda	Insecta		Heteroptera		Notonectidae								7.5		Predator	Swimmer

GAEPD Example Tolerance Values/FFG/Habit Values for Macroinvertebrates for the State																		
BenTaxalID	FinalID	Phylum	Class	Subclass	Order	Suborder	Family	Subfamily	Tribe	Genus	Subgenus	Species	Subspecies	Variety	ToVal	*ToValINC	FFG	Habit
1004	Isoperla lata	Arthropoda	Insecta		Plecoptera		Perlodidae	Isoperlinae		Isoperla		lata			2.3		Predator	Unidentified
1005	Paracladopelma undine	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae		Paracladopelma		undine			5.2	5.2	Gather/Collector	Sprawler
1006	Diploptera	Arthropoda	Insecta		Plecoptera		Perlodidae	Perlodinae	Diploperlinae	Diploptera					2	2	Predator	Clinger
1007	Glossosomatidae	Arthropoda	Insecta		Trichoptera		Glossosomatidae								1.075		Scraper	Clinger
1008	Micropsectra polita	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Micropsectra		polita			1.4		Gather/Collector	Unidentified
1009	Dolichocephala	Arthropoda	Insecta		Diptera		Empididae	Clinocerinae		Dolichocephala					8.1		Unidentified	Clinger
1010	Rheocricotopus unidentatus	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Rheocricotopus					7.25		Unidentified	Unidentified
1011	Mesonoterus	Arthropoda	Insecta		Coleoptera		Noteridae			Mesonoterus					6		Unidentified	Unidentified
1012	Thermonectus basillaris basillaris	Arthropoda	Insecta		Coleoptera		Dytiscidae			Thermonectus		basillaris	basillaris		7.76		Predator	Swimmer
1013	Trienodes tardus	Arthropoda	Insecta		Trichoptera		Leptoceridae	Leptocerinae	Trienodini	Trienodes		tardus			4.7	4.7	Shredder	Unidentified
1014	Hebrus	Arthropoda	Insecta		Heteroptera		Hebridae			Hebrus					8.767		Predator	Skater
1015	Stenacron pallidum	Arthropoda	Insecta		Ephemeroptera		Heptageniidae			Stenacron		pallidum			2.9	2.9	Unidentified	Clinger
1016	Pycnopsyche guttifera	Arthropoda	Insecta		Trichoptera		Limnephilidae	Limnephilinae	Stenophylacini	Pycnopsyche		guttifera			2.7	2.7	Shredder	Sprawler
1017	Tanytarsus Q	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Tanytarsus		Q			6.7		Unidentified	Unidentified
1018	Notomicrus	Arthropoda	Insecta		Coleoptera		Noteridae			Notomicrus					6		Unidentified	Burrower
1019	Libellula lydia	Arthropoda	Insecta		Odonata		Libellulidae			Libellula		lydia			9.8		Predator	Sprawler
1020	Allognosta	Arthropoda	Insecta		Diptera		Stratiomyidae	Beridinae		Allognosta					7		Gather/Collector	Unidentified
1021	Agrypnia vestita	Arthropoda	Insecta		Trichoptera		Phryganeidae	Phryganeinae		Agrypnia		vestita			6.7		Unidentified	Climber
1022	Setacera	Arthropoda	Insecta		Diptera		Ephydriidae	Ephydriinae	Ephydrini	Setacera					6		Shredder	Sprawler
1023	Helobata striata	Arthropoda	Insecta		Coleoptera		Hydrophilidae			Helobata		striata			8.217		Omnivore	Unidentified
1024	Chironomus riparius	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Chironomus		riparius			9.8		Omnivore	Burrower
1025	Discocerina	Arthropoda	Insecta		Diptera		Ephydriidae	Psilopinae	Discocerini	Discocerina					6		Gather/Collector	Burrower
1026	Chironomus (Lobochironomus)	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Chironomus	Lobochironomus				9.8		Unidentified	Burrower
1027	Corethrella	Arthropoda	Insecta		Diptera		Corethrellidae			Corethrella					7		Predator	Swimmer
1028	Coptotomus interrogatus	Arthropoda	Insecta		Coleoptera		Dytiscidae			Coptotomus		interrogatus			9		Predator	Swimmer
1029	Uvarus lacustris	Arthropoda	Insecta		Coleoptera		Dytiscidae			Uvarus		lacustris			7.76		Predator	Unidentified
1030	Smittia	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Smittia					5.034		Gather/Collector	Unidentified
1031	Smittia B	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Smittia		B			5.034		Gather/Collector	Unidentified
1032	Aedes	Arthropoda	Insecta		Diptera		Culicidae	Culicinae	Culicini	Aedes					8		Filterer/Collector	Swimmer
1033	Deinocerites	Arthropoda	Insecta		Diptera		Culicidae	Culicinae	Culicini	Deinocerites					9.55		Filterer/Collector	Planktonic
1034	Corynoneura E	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Corynoneura					6.2		Gather/Collector	Sprawler
1035	Culex	Arthropoda	Insecta		Diptera		Culicidae	Culicinae	Culicini	Culex					10	10	Filterer/Collector	Unidentified
1036	Agabus	Arthropoda	Insecta		Coleoptera		Dytiscidae			Agabus					5		Predator	Swimmer
1037	Zalutschia briani	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Zalutschia		briani			7		Shredder	Clinger
1038	Endochironomus nymphoides group	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Endochironomus		nymphoides group			7.5		Unidentified	Clinger
1039	Rheosmittia arcuata	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Rheosmittia		arcuata			5.034		Gather/Collector	Unidentified
1040	Reomyia/Zavrelimyia complex	Arthropoda	Insecta		Diptera		Chironomidae	Tanytarsini	Pentaneurini	Reomyia/Zavrelimyia complex					6.695		Predator	Sprawler
1041	Psychomyiidae	Arthropoda	Insecta		Trichoptera		Psychomyiidae								3.2		Gather/Collector	Clinger
1042	Chaoboridae	Arthropoda	Insecta		Diptera		Chaoboridae								8.5		Predator	Sprawler
1043	Progomphus bellei	Arthropoda	Insecta		Odonata		Gomphidae			Progomphus		bellei			8.7		Predator	Burrower
1044	Stempellinella/Zavrelia complex	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Stempellinella/Zavrelia complex					4		Gather/Collector	Unidentified
1045	Procambarus acutissimus	Arthropoda	Malacostraca		Decapoda		Cambaridae			Procambarus		acutissimus			9.5		Unidentified	Unidentified
1046	Ferrissia	Mollusca	Gastropoda		Basommatophora		Ancylidae			Ferrissia					6.9	6.9	Scraper	Unidentified
1047	Rhyacophila nigrata	Arthropoda	Insecta		Trichoptera		Rhyacophilidae			Rhyacophila		nigrata			0	0	Predator	Clinger
1048	Agarodes	Arthropoda	Insecta		Trichoptera		Sericostomatidae			Agarodes					0		Unidentified	Sprawler
1049	Stilocladius clinopecten	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Stilocladius		clinopecten			5.034		Gather/Collector	Sprawler
1050	Cultus decisus	Arthropoda	Insecta		Plecoptera		Perlodidae	Perlodinae	Diploperlinae	Cultus		decisus			1.6	1.6	Predator	Clinger
1051	Leuctridae	Arthropoda	Insecta		Plecoptera		Leuctridae								0.7		Shredder	Sprawler
1052	Ceratopsyche walkeri complex	Arthropoda	Insecta		Trichoptera		Hydropsychidae	Hydropsychinae		Ceratopsyche		walkeri complex			1.375		Filterer/Collector	Clinger
1053	Laccornis difformis	Arthropoda	Insecta		Coleoptera		Dytiscidae			Laccornis		difformis			7.76		Predator	Swimmer
1054	Neohermes	Arthropoda	Insecta		Megaloptera		Corydalidae			Neohermes					5.77		Predator	Clinger
1055	Hydrophilidae	Arthropoda	Insecta		Coleoptera		Hydrophilidae								8.217		Predator	Swimmer
1056	Stempellina	Arthropoda	Insecta		Diptera		Chironomidae		Tanytarsini	Stempellina					2	2	Gather/Collector	Climber
1057	Celina angustata	Arthropoda	Insecta		Coleoptera		Dytiscidae			Celina		angustata			5		Predator	Swimmer
1058	Placobdella papillifera	Annelida	Clitellata		Rhynchobdellida		Glossiphoniidae	Glossiphoniinae		Placobdella		papillifera			9	9	Parasite	Unidentified
1059	Placobdella	Annelida	Clitellata		Rhynchobdellida		Glossiphoniidae	Glossiphoniinae		Placobdella					7.8		Parasite	Unidentified
1060	Epitheca (Tetragoneuria)	Arthropoda	Insecta		Odonata		Cordulegastridae			Epitheca	Tetragoneuria				4		Predator	Unidentified
1061	Ablabesmyia janta variation I	Arthropoda	Insecta		Diptera		Chironomidae		Pentaneurini	Ablabesmyia		janta variation I			6.43		Omnivore	Sprawler
1062	Acentria	Arthropoda	Insecta		Lepidoptera		Pyralidae			Acentria					1		Shredder	Climber

GAEPD Example Tolerance Values/FFG/Habit Values for Macroinvertebrates for the State																		
BenTaxalID	FinalID	Phylum	Class	Subclass	Order	Suborder	Family	Subfamily	Tribe	Genus	Subgenus	Species	Subspecies	Variety	ToVal	*ToValINC	FFG	Habit
1063	Polypedium trigonum	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Chironomini	Polypedium		trigonum			6.67		Unidentified	Burrower
1064	Gyrinus marginellus	Arthropoda	Insecta			Coleoptera	Gyrinidae			Gyrinus		marginellus			6.3		Predator	Swimmer
1065	Alluaudomyia	Arthropoda	Insecta			Diptera	Ceratopogonidae		Ceratopogonini	Alluaudomyia					6.65		Predator	Clinger
1066	Platycentropus radiatus	Arthropoda	Insecta			Trichoptera	Limnephilidae		Limnephilini	Platycentropus		radiatus			4		Shredder	Climber
1067	Psectrocladius octomaculatus	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaadiinae		Psectrocladius		octomaculatus			3.8		Unidentified	Unidentified
1068	Psectrocladius simulans	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaadiinae		Psectrocladius		simulans			3.8		Unidentified	Unidentified
1069	Agabus punctatus	Arthropoda	Insecta			Coleoptera	Dytiscidae			Agabus		punctatus			5		Predator	Swimmer
1070	Hydroporus oblitus group	Arthropoda	Insecta			Coleoptera	Dytiscidae			Hydroporus		oblitus group			8.9		Predator	Unidentified
1071	Peltodytes lengi	Arthropoda	Insecta			Coleoptera	Halplidae			Peltodytes		lengi			8.5		Shredder	Unidentified
1072	Copelatus chevrolati	Arthropoda	Insecta			Coleoptera	Dytiscidae			Copelatus		chevrolati			9.1		Predator	Unidentified
1073	Procambarus paeninsulanus	Arthropoda	Malacostraca			Decapoda	Cambaridae			Procambarus		paeninsulanus			9.5		Unidentified	Unidentified
1074	Planorbella	Mollusca	Gastropoda			Basommatophora	Planorbidae			Planorbella					8.45		Scraper	Unidentified
1075	Calopteryx dimidiata	Arthropoda	Insecta			Odonata	Calopterygidae	Zygoptera		Calopteryx		dimidiata			8.3		Predator	Climber
1076	Cricotopus annulator complex	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaadiinae		Cricotopus	Cricotopus (Cricotopus)	annulator complex			8.12		Unidentified	Unidentified
1077	Orthocladus dentifer	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaadiinae		Orthocladus	Orthocladus (Orthocladus)	dentifer			5.88		Gather/Collector	Unidentified
1078	Cricotopus sylvestris group	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaadiinae		Cricotopus	Cricotopus (Isocladus)	sylvestris group			10		Omnivore	Unidentified
1079	Synorthocladus	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaadiinae		Synorthocladus					4.7	4.7	Gather/Collector	Unidentified
1080	Hydroperla fugitans	Arthropoda	Insecta			Plecoptera	Perlodidae	Perlodinae	Perlodini	Hydroperla		fugitans			2		Predator	Clinger
1081	Serratella deficiens	Arthropoda	Insecta			Ephemeroptera	Ephemerellidae			Serratella		deficiens			2.7	2.7	Gather/Collector	Clinger
1082	Parakiefferiella E	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaadiinae		Parakiefferiella		E			5.9		Gather/Collector	Sprawler
1083	Phoridae	Arthropoda	Insecta			Diptera				Phoridae					7		Unidentified	Unidentified
1084	Dromogomphus	Arthropoda	Insecta			Odonata	Gomphidae			Dromogomphus					6.3	6.3	Predator	Burrower
1085	Lumbriculidae	Annelida	Citellata	Oligochaeta			Lumbriculidae								7.3	7.3	Gather/Collector	Burrower
1086	Gyretes	Arthropoda	Insecta			Coleoptera	Gyrinidae			Gyretes					5.9		Unidentified	Swimmer
1087	Argia translata	Arthropoda	Insecta			Odonata	Coenagrionidae			Argia		translata			6		Predator	Clinger
1088	Climacia areolaris	Arthropoda	Insecta			Megaloptera	Sisyridae			Climacia		areolaris			6.5	6.5	Predator	Clinger
1089	Saetheria	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Chironomini	Saetheria					8.1		Gather/Collector	Wood
1090	Saetheria sp. 1	Arthropoda	Insecta			Diptera	Chironomidae	Chironominae	Chironomini	Saetheria		sp. 1			8.1		Gather/Collector	Unidentified
1091	Stylurus	Arthropoda	Insecta			Odonata	Gomphidae			Stylurus					5.475		Predator	Sprawler
1092	Notiphila	Arthropoda	Insecta			Diptera	Ephydriidae		Notiphilini	Notiphila					6		Unidentified	Burrower
1093	Goera calcarata	Arthropoda	Insecta			Trichoptera	Goeridae			Goera		calcarata			0.3		Scraper	Clinger
1094	Psectrocladius psilopterus group	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaadiinae		Psectrocladius		psilopterus group			3.8		Unidentified	Unidentified
1095	Serromyia	Arthropoda	Insecta			Diptera	Ceratopogonidae		Ceratopogonini	Serromyia					6		Predator	Burrower
1096	Syrphidae	Arthropoda	Insecta			Diptera				Syrphidae					10		Gather/Collector	Unidentified
1097	Epischura	Arthropoda	Maxillipoda			Calanoida	Temoridae			Epischura					8		Unidentified	Swimmer
1098	Limoniinae	Arthropoda	Insecta			Diptera	Tipulidae	Limoniinae							5.517		Unidentified	Burrower
1099	Tropisternus blatchleyi	Arthropoda	Insecta			Coleoptera	Hydrophilidae			Tropisternus		blatchleyi			9.8		Unidentified	Unidentified
1100	Hydrochus	Arthropoda	Insecta			Coleoptera	Hydrophilidae			Hydrochus					8.217		Shredder	Swimmer
1101	Coptotomus	Arthropoda	Insecta			Coleoptera	Dytiscidae			Coptotomus					9	9	Predator	Swimmer
1102	Cyclopidae	Arthropoda	Maxillipoda				Cyclopida			Cyclopidae					8		Filterer/Collector	Swimmer
1103	Sciomyzidae	Arthropoda	Insecta			Diptera	Sciomyzidae								6		Predator	Burrower
1104	Enochrus	Arthropoda	Insecta			Coleoptera	Hydrophilidae			Enochrus					8.5	8.5	Gather/Collector	Burrower
1105	Gerris alacris	Arthropoda	Insecta			Heteroptera	Gerridae			Gerris		alacris			5		Predator	Skater
1106	Monohelea	Arthropoda	Insecta			Diptera	Ceratopogonidae	Ceratopogoninae	Ceratopogonini	Monohelea					6.65		Predator	Burrower
1107	Rhantus	Arthropoda	Insecta			Coleoptera	Dytiscidae			Rhantus					7.76		Predator	Swimmer
1108	Berosus exiguus	Arthropoda	Insecta			Coleoptera	Hydrophilidae			Berosus		exiguus			8.6		Unidentified	Unidentified
1109	Molophilus	Arthropoda	Insecta			Diptera	Tipulidae	Limoniinae	Eriopterini	Molophilus					4		Shredder	Burrower
1110	Ephemerella choctawhatchee	Arthropoda	Insecta			Ephemeroptera	Ephemerellidae			Ephemerella		choctawhatchee			1.657		Unidentified	Unidentified
1111	Rhyacophila minor	Arthropoda	Insecta			Trichoptera	Rhyacophilidae			Rhyacophila		minor			0	0	Predator	Clinger
1112	Calamoceratidae	Arthropoda	Insecta			Trichoptera	Calamoceratidae								1.85		Shredder	Sprawler
1113	Ceratopogon	Arthropoda	Insecta			Diptera	Ceratopogonidae	Ceratopogoninae	Ceratopogonini	Ceratopogon					6		Predator	Burrower
1114	Veliidae	Arthropoda	Insecta			Heteroptera	Veliidae								6		Predator	Skater
1115	Ceraclea	Arthropoda	Insecta			Trichoptera	Leptoceridae	Leptocerinae	Athripsodini	Ceraclea					2.9		Gather/Collector	Clinger
1116	Optioservus immunis	Arthropoda	Insecta			Coleoptera	Elmidae					immunis			2.7		Unidentified	Clinger
1117	Cordulegaster obliqua fasciata	Arthropoda	Insecta			Odonata	Cordulegastridae			Cordulegaster		obliqua	fasciata		6.1		Predator	Unidentified
1118	Nanocladius (Nanocladius)	Arthropoda	Insecta			Diptera	Chironomidae	Orthoclaadiinae		Nanocladius	(Nanocladius)				7.2		Gather/Collector	Sprawler
1119	Ablabesmyia (Ablabesmyia)	Arthropoda	Insecta			Diptera	Chironomidae	Tanypodinae	Pentaneurini	Ablabesmyia	(Ablabesmyia)				6.43		Gather/Collector	Sprawler
1120	Orconectes erichsonianus	Arthropoda	Malacostraca			Decapoda	Cambaridae			Orconectes		erichsonianus			2.7		Shredder	Clinger
1121	Lenarchus	Arthropoda	Insecta			Trichoptera	Limnephilidae	Limnephilinae	Limnephilini	Lenarchus					4		Gather/Collector	Unidentified

GAEPD Example Tolerance Values/FFG/Habit Values for Macroinvertebrates for the State																		
BenTaxalID	FinalID	Phylum	Class	Subclass	Order	Suborder	Family	Subfamily	Tribe	Genus	Subgenus	Species	Subspecies	Variety	ToVal	*ToValINC	FFG	Habit
1122	Zavrelimyia A	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Pentaneurini	Zavrelimyia		A			9.3		Predator	Sprawler
1123	Ephemerella subvaria	Arthropoda	Insecta		Ephemeroptera		Ephemerellidae			Ephemerella		subvaria			1.657		Unidentified	Unidentified
1124	Goera	Arthropoda	Insecta		Trichoptera		Goeridae	Goerinae		Goera					0.3	0.3	Scraper	Clinger
1125	Ceratopsyche slossonae	Arthropoda	Insecta		Trichoptera		Hydropsychidae	Hydropsychinae		Ceratopsyche		slossonae			0	0	Filterer/Collector	Clinger
1126	Helobdella	Annelida	Clitellata	Hirudinea	Rhynchobdellida		Glossiphoniidae	Haementerinae		Helobdella					8.5		Parasite	Clinger
1127	Aquarius	Arthropoda	Insecta		Heteroptera		Gerridae			Aquarius					6.67		Predator	Skater
1128	Psychoda alternata	Arthropoda	Insecta		Diptera		Psychodidae	Psychodinae		Psychoda		alternata			9.9		Gather/Collector	Burrower
1129	Orthocladius (Euorthocladius)	Arthropoda	Insecta		Diptera		Chironomidae			Orthocladius	(Euorthocladius)				6.3		Gather/Collector	Unidentified
1130	Sphaeromias	Arthropoda	Insecta		Diptera		Ceratopogonidae		Sphaeromiini	Sphaeromias					6.65		Predator	Burrower
1131	Robackia	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Robackia					3.35		Gather/Collector	Burrower
1132	Dythemis velox	Arthropoda	Insecta		Odonata		Libellulidae			Dythemis		velox			9		Predator	Sprawler
1133	Ptychoptera	Arthropoda	Insecta		Diptera		Ptychopteridae	Ptychopterinae		Ptychoptera					7		Gather/Collector	Burrower
1134	Tanytarsus Z	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Tanytarsus		Z			6.7		Unidentified	Unidentified
1135	Nilotanypus fimbriatus	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Pentaneurini	Nilotanypus		fimbriatus			4		Predator	Sprawler
1136	Scirtes	Arthropoda	Insecta		Coleoptera		Helodidae			Scirtes					7		Shredder	Climber
1137	Pleuroceridae	Mollusca	Gastropoda		Neotaenioglossa		Pleuroceridae								2.05		Scraper	Clinger
1138	Trienodes marginatus	Arthropoda	Insecta		Trichoptera		Leptoceridae	Leptocerinae	Trienodini	Trienodes		marginatus			6		Shredder	Unidentified
1139	Hoperius planatus	Arthropoda	Insecta		Coleoptera		Dytiscidae			Hoperius		planatus			7.76		Predator	Unidentified
1140	Procambarus petersi	Arthropoda	Malacostraca		Decapoda		Cambaridae			Procambarus		petersi			9.5		Unidentified	Unidentified
1141	Procambarus enoplosternum	Arthropoda	Malacostraca		Decapoda		Cambaridae			Procambarus		enoplosternum			9.5		Unidentified	Unidentified
1142	Siphonurus	Arthropoda	Insecta		Ephemeroptera		Siphonuridae			Siphonurus					2.6	2.6	Gather/Collector	Swimmer
1143	Eukiefferiella brevicar group	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Eukiefferiella		brevicar group			1.7		Gather/Collector	Sprawler
1144	Cambarus halli	Arthropoda	Malacostraca		Decapoda		Cambaridae			Cambarus		halli			8.1		Unidentified	Unidentified
1145	Peltoperidae	Arthropoda	Insecta		Plecoptera		Peltoperidae								1.4		Shredder	Clinger
1146	Tvetenia bavarica group	Arthropoda	Insecta		Diptera		Chironomidae			Tvetenia		bavarica group			4		Gather/Collector	Sprawler
1147	Libellula luctuosa	Arthropoda	Insecta		Odonata		Libellulidae			Libellula		luctuosa			9.8		Predator	Sprawler
1148	Hydrocanthus iricolor	Arthropoda	Insecta		Coleoptera		Noteridae			Hydrocanthus		iricolor			6.9		Omnivore	Climber
1149	Enochrus blatchleyi	Arthropoda	Insecta		Coleoptera		Hydrophilidae			Enochrus		blatchleyi			8.5		Unidentified	Burrower
1150	Pseudosmittia	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Pseudosmittia					5.034		Gather/Collector	Sprawler
1151	Orconectes	Arthropoda	Malacostraca		Decapoda		Cambaridae			Orconectes					2.7	2.7	Unidentified	Unidentified
1152	Cambarus striatus	Arthropoda	Malacostraca		Decapoda		Cambaridae			Cambarus		striatus			8.1		Unidentified	Unidentified
1153	Endochironomus A	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Endochironomus		A			7.5		Unidentified	Clinger
1154	Myxosargus	Arthropoda	Insecta		Diptera		Stratiomyidae	Stratiomyinae	Prosopochysini	Myxosargus					7		Unidentified	Unidentified
1155	Corynoneura C	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Corynoneura		C			6.2		Gather/Collector	Sprawler
1156	Hydropsyche elissoma	Arthropoda	Insecta		Trichoptera		Hydropsychidae	Hydropsychinae		Hydropsyche		elissoma			3.989		Filterer/Collector	Clinger
1157	Lepas	Arthropoda	Maxillopoda		Pedunculata		Lepadidae			Lepas					6		Unidentified	Unidentified
1158	Rhithropanopeus	Arthropoda	Malacostraca		Decapoda		Xanthidae			Rhithropanopeus					6		Unidentified	Unidentified
1159	Peltodytes muticus	Arthropoda	Insecta		Coleoptera		Halipidae			Peltodytes		muticus			8.5		Shredder	Unidentified
1160	Mooreobdella	Annelida	Clitellata	Hirudinea	Arhynchobdellida		Erpobdellidae	Erpobdellinae		Mooreobdella					7.8	7.8	Predator	Unidentified
1161	Caenidae	Arthropoda	Insecta		Ephemeroptera		Caenoidea								5.55		Gather/Collector	Unidentified
1162	Dixidae	Arthropoda	Insecta		Diptera		Dixidae								1		Gather/Collector	Unidentified
1163	Dryopidae	Arthropoda	Insecta		Coleoptera		Dryopidae								5.4		Shredder	Climber
1164	Nepidae	Arthropoda	Insecta		Heteroptera		Nepidae								7.5		Predator	Climber
1165	Odontoceridae	Arthropoda	Insecta		Trichoptera		Odontoceridae								0		Shredder	Sprawler
1166	Polymitarcyidae	Arthropoda	Insecta		Ephemeroptera		Polymitarcyidae								1.5		Gather/Collector	Unidentified
1167	Arigomphus	Arthropoda	Insecta		Odonata		Gomphidae			Arigomphus					5.475		Predator	Burrower
1168	Harnischia	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Harnischia					7.5	7.5	Gather/Collector	Unidentified
1169	Molanna	Arthropoda	Insecta		Trichoptera		Molannidae			Molanna					3.9		Scraper	Sprawler
1170	Paragnetina	Arthropoda	Insecta		Plecoptera		Perlidae	Perlinae	Perlini	Paragnetina					1.8		Predator	Clinger
1171	Ranatra	Arthropoda	Insecta		Heteroptera		Nepidae			Ranatra					7.5	7.5	Predator	Climber
1172	Yugus	Arthropoda	Insecta		Plecoptera		Perlodidae	Perlodinae	Perlodini	Yugus					0		Predator	Clinger
1173	Psilotreta	Arthropoda	Insecta		Trichoptera		Odontoceridae	Odontocerinae		Psilotreta					0	0	Scraper	Sprawler
1174	Hydraena	Arthropoda	Insecta		Coleoptera		Hydraenidae			Hydraena					5		Predator	Unidentified
1175	Rheumatobates	Arthropoda	Insecta		Heteroptera		Gerridae			Rheumatobates					6.67		Predator	Skater
1176	Epoicocladus	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Epoicocladus					5.034		Gather/Collector	Unidentified
1177	Epoicocladus sp. # 1	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Epoicocladus		sp. # 1			5.034		Gather/Collector	Unidentified
1178	Epoicocladus sp. # 3	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Epoicocladus		sp. # 3			5.034		Gather/Collector	Unidentified
1179	Psectrocladius (Monopsectrocladius)	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Psectrocladius	Monopsectrocladius				3.8		Gather/Collector	Unidentified
1180	Anax junius	Arthropoda	Insecta		Odonata		Aeshnidae			Anax		junius			5		Predator	Climber

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BenTaxalID	FinalID	Phylum	Class	Subclass	Order	Suborder	Family	Subfamily	Tribe	Genus	Subgenus	Species	Subspecies	Variety	ToVal	*ToValINC	FFG	Habit
1181	Caloparyphus	Arthropoda	Insecta		Diptera		Stratiomyidae	Stratiomyinae	Oxycerini	Caloparyphus					7		Gather/Collector	Sprawler
1182	Limnopus	Arthropoda	Insecta		Heteroptera		Gerridae			Limnopus					6.67		Predator	Skater
1183	Sympetrum ambiguum	Arthropoda	Insecta		Odonata		Libellulidae			Sympetrum		ambiguum			7.3		Predator	Unidentified
1184	Perithemis	Arthropoda	Insecta		Odonata		Libellulidae			Perithemis					10	10	Predator	Sprawler
1185	Faxonella clypeata	Arthropoda	Malacostraca		Decapoda		Cambaridae			Faxonella		clypeata			8		Filterer/Collector	Burrower
1186	Trepobates	Arthropoda	Insecta		Heteroptera		Gerridae			Trepobates					10		Predator	Climber
1187	Forcipomyia	Arthropoda	Insecta		Diptera		Ceratopogonidae	Forcipomyiinae		Forcipomyia					6		Scraper	Burrower
1188	Cordulegastridae	Arthropoda	Insecta		Odonata		Cordulegastridae								6.1		Predator	Burrower
1189	Viviparidae	Mollusca	Gastropoda		Architaenioglossa		Viviparidae								6.7		Scraper	Unidentified
1190	Oxyethira	Arthropoda	Insecta		Trichoptera		Hydroptilidae	Hydroptilinae	Hydroptilini	Oxyethira					5.2		Unidentified	Climber
1191	Cladocera	Arthropoda	Branchiopoda		Diplostraca	Cladocera									8		Filterer/Collector	Unidentified
1192	Cladotanytarsus B	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Cladotanytarsus					3.7	B	Gather/Collector	Unidentified
1193	Coelotanypus	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Coelotanypodini	Coelotanypus					6.2	6.2	Predator	Burrower
1194	Copelatus	Arthropoda	Insecta		Coleoptera		Dytiscidae			Copelatus					9.1	9.1	Predator	Swimmer
1195	Hydrocanthus	Arthropoda	Insecta		Coleoptera		Noteridae			Hydrocanthus					6.9	6.9	Unidentified	Climber
1196	Bidessonotus	Arthropoda	Insecta		Coleoptera		Dytiscidae			Bidessonotus					7.76		Predator	Swimmer
1197	Parapoynx	Arthropoda	Insecta		Lepidoptera		Pyrilidae			Parapoynx					5		Shredder	Clinger
1198	Procambarus seminolae	Arthropoda	Malacostraca		Decapoda		Cambaridae			Procambarus		seminolae			9.5		Unidentified	Unidentified
1199	Psorophora	Arthropoda	Insecta		Diptera		Culicidae	Culicinae	Culicini	Psorophora					9.55		Unidentified	Planktonic
1200	Antillocladius	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Antillocladius					5.034		Unidentified	Unidentified
1201	Banksiola concatenata	Arthropoda	Insecta		Trichoptera		Phryganeidae	Phryganeinae		Banksiola		concatenata			6.7		Shredder	Climber
1202	Goeldichironomus devineyae	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Goeldichironomus		devineyae			10		Gather/Collector	Unidentified
1203	Hydrobiidae	Mollusca	Gastropoda		Neotaenioglossa		Hydrobiidae								6.5		Scraper	Unidentified
1204	Villosa lienosa	Mollusca	Bivalvia		Unionoida		Unionidae			Villosa		lienosa			3.65		Unidentified	Unidentified
1205	Trichocorixa	Arthropoda	Insecta		Heteroptera		Corixidae			Trichocorixa					5		Predator	Unidentified
1206	Bethbilbeckia	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae		Bethbilbeckia					6.695		Unidentified	Unidentified
1207	Cricotopus trinctus	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Cricotopus	(Isoclaadius)	trinctus			8.12		Unidentified	Unidentified
1208	Clinocera	Arthropoda	Insecta		Diptera		Empididae	Clinocerinae		Clinocera					6		Predator	Clinger
1209	Orthoclaadius dubitatus	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Orthoclaadius	(Eudactylocladius)	dubitatus			5.88		Gather/Collector	Unidentified
1210	Lipinella	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Chironomini	Lipinella					6.72		Unidentified	Unidentified
1211	Procambarus pubischelae	Arthropoda	Malacostraca		Decapoda		Cambaridae			Procambarus		pubischelae			9.5		Unidentified	Unidentified
1212	Donacia	Arthropoda	Insecta		Coleoptera		Chrysomelidae			Donacia					5		Shredder	Clinger
1213	Lamprochernes	Arthropoda	Arachnida		Pseudoscorpionida		Chernetidae			Lamprochernes					6		Unidentified	Unidentified
1214	Sesarma	Arthropoda	Malacostraca		Decapoda		Sesarmidae			Sesarma					6		Unidentified	Unidentified
1215	Parakiefferiella D	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Parakiefferiella		D			5.9		Gather/Collector	Sprawler
1216	Tipulidae Unknown Genus	Arthropoda	Insecta		Diptera		Tipulidae			Unknown Genus					5.829		Shredder	Burrower
1217	Orthoclaadiinae Unknown Genus	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Unknown Genus					5.034		Gather/Collector	Burrower
1218	Podocopida	Arthropoda	Ostracoda	Podocopa	Podocopida										8		Gather/Collector	Unidentified
1219	Hirudinidae	Annelida	Citellata		Arhynchobdellida		Hirudinidae								7		Predator	Unidentified
1220	Noctuidae	Arthropoda	Insecta		Lepidoptera		Noctuidae								6		Shredder	Burrower
1221	Ancylidae	Mollusca	Gastropoda		Basommatophora		Ancylidae								7.1		Scraper	Unidentified
1222	Palaemonidae	Arthropoda	Malacostraca		Decapoda		Palaemonidae								4		Unidentified	Unidentified
1223	Ostracoda	Arthropoda	Ostracoda												8		Gather/Collector	Unidentified
1224	Neoloricata	Mollusca	Polyplocophora		Neoloricata										6		Unidentified	Unidentified
1225	Grapsidae	Arthropoda	Malacostraca		Decapoda		Grapsidae								6		Unidentified	Unidentified
1226	Littorina	Mollusca	Gastropoda		Neotaenioglossa		Littorinidae			Littorina					6		Unidentified	Unidentified
1227	Ellobiidae	Mollusca	Gastropoda		Archaeopulmonata		Ellobiidae								6		Unidentified	Unidentified
1228	Cladotanytarsus F	Arthropoda	Insecta		Diptera		Chironomidae	Chironominae	Tanytarsini	Cladotanytarsus					3.7	F	Gather/Collector	Unidentified
1229	Heterocloeon	Arthropoda	Insecta		Ephemeroptera		Baetidae			Heterocloeon					3.6	3.6	Scraper	Swimmer
1230	Pericoma	Arthropoda	Insecta		Diptera		Psychodidae			Pericoma					4		Gather/Collector	Burrower
1231	Helisoma anceps anceps	Mollusca	Gastropoda		Basommatophora		Planorbidae			Helisoma		anceps		anceps	6.5		Scraper	Unidentified
1232	Orthoclaadiinae sp. C	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae				sp. C			5.034		Gather/Collector	Burrower
1233	Hydrochus excavatus	Arthropoda	Insecta		Coleoptera		Hydrophilidae			Hydrochus		excavatus			8.217		Shredder	Swimmer
1234	Libellula auripennis	Arthropoda	Insecta		Odonata		Libellulidae			Libellula		auripennis			9.8		Predator	Sprawler
1235	Sphaeromatidae	Arthropoda	Malacostraca		Isopoda		Sphaeromatidae								8		Gather/Collector	Unidentified
1236	Euryhopsis	Arthropoda	Insecta		Diptera		Chironomidae	Orthoclaadiinae		Euryhopsis					5.034		Unidentified	Unidentified
1237	Sympetrum	Arthropoda	Insecta		Odonata	Anisoptera	Libellulidae			Sympetrum					7.3	7.3	Predator	Sprawler
1238	Laccornis	Arthropoda	Insecta		Coleoptera		Dytiscidae			Laccornis					7.76		Predator	Unidentified
1239	Sialis velata	Arthropoda	Insecta		Megaloptera		Sialidae			Sialis		velata			7.4		Predator	Unidentified

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BenTaxalID	FinalID	Phylum	Class	Subclass	Order	Suborder	Family	Subfamily	Tribe	Genus	Subgenus	Species	Subspecies	Variety	ToVal	*ToValINC	FFG	Habit
1240	Chrysomelidae	Arthropoda	Insecta		Coleoptera	Polyphaga	Chrysomelidae								8		Shredder	Clinger
1241	Eurylophella funeralis	Arthropoda	Insecta		Ephemeroptera		Ephemereillidae			Eurylophella		funeralis			2.3	2.3	Shredder	Unidentified
1242	Erpobdella punctata	Annelida	Clitellata	Hirudinea	Arhynchobdellida		Erpobdellidae	Erpobdellinae		Erpobdella		punctata			8.75		Predator	Unidentified
1243	Psychoda	Arthropoda	Insecta		Diptera		Psychodidae	Psychodinae		Psychoda					9.9	9.9	Gather/Collector	Burrower
1244	Helocombus bifidus	Arthropoda	Insecta	Pterygota	Coleoptera	Polyphaga	Hydrophilidae			Helocombus		bifidus			8.217		Unidentified	Unidentified
1245	Paracladopelma A	Arthropoda	Insecta	Pterygota	Diptera	Nematocera	Chironomidae	Chironominae	Chironomini	Paracladopelma		A			6.4		Gather/Collector	Sprawler
1246	Tachopteryx thoreyi	Arthropoda	Insecta	Pterygota	Odonata	Anisoptera	Petaluridae			Tachopteryx		thoreyi			10		Predator	Burrower
1247	Rhyacophila ledra	Arthropoda	Insecta	Pterygota	Trichoptera		Rhyacophilidae			Rhyacophila		ledra			3.4	3.4	Predator	Clinger
1248	Rheocricotopus VA	Arthropoda	Insecta	Pterygota	Diptera	Nematocera	Chironomidae	Orthoclaadiinae		Rheocricotopus		VA			7.25		Unidentified	Unidentified
1249	Cladotanytarsus H	Arthropoda	Insecta	Pterygota	Diptera	Nematocera	Chironomidae	Chironominae	Tanytarsini	Cladotanytarsus		H			3.7		Gather/Collector	Unidentified
1250	Camptocladus stercorarius	Arthropoda	Insecta	Pterygota	Diptera	Nematocera	Chironomidae	Orthoclaadiinae		Camptocladus		stercorarius			5.034		Unidentified	Unidentified
1251	Einfeldia natchitochaeae	Arthropoda	Insecta	Pterygota	Diptera	Nematocera	Chironomidae	Chironominae	Chironomini	Einfeldia		natchitochaeae			8		Gather/Collector	Unidentified
1252	Stratiomys	Arthropoda	Insecta	Pterygota	Diptera	Brachycera	Stratiomyidae	Stratiomyinae	Stratiomyini	Stratiomys					7		Filterer/Collector	Unidentified
1253	Dibolocelus ovatus	Arthropoda	Insecta	Pterygota	Coleoptera	Polyphaga	Hydrophilidae			Dibolocelus		ovatus			8.217		Unidentified	Burrower
1254	Derallus altus	Arthropoda	Insecta	Pterygota	Coleoptera	Polyphaga	Hydrophilidae			Derallus		altus			8.217		Omnivore	Unidentified
1255	Helobdella fusca	Annelida	Clitellata	Hirudinea	Rhynchobdellida		Glossiphoniidae			Helobdella		fusca			8.5		Parasite	Unidentified
1256	Einfeldia	Arthropoda	Insecta	Pterygota	Diptera	Nematocera	Chironomidae	Chironominae	Chironomini	Einfeldia					8		Gather/Collector	Unidentified
1257	Psectrotanypus	Arthropoda	Insecta	Pterygota	Diptera	Nematocera	Chironomidae	Tanypodinae	Macropelopiini	Psectrotanypus					10		Predator	Sprawler
1258	Procladius bellus var. 2	Arthropoda	Insecta		Diptera		Chironomidae	Tanypodinae	Procladiini	Procladius		bellus var. 2		var. 2	9.3		Predator	Sprawler

* This Tolerance Value score is used for the NCBI metric only