

The following text is an addendum to the SWQM Procedures Manual RG-416, 05/2014 Revision, Appendix B, page B-29 to B-36.

**Table B.13.** Tolerance values and functional group classification for benthic macroinvertebrates.

Parameter Code	Genus or Species	Tolerance Value	Functional Group	Class	Order	Family
<b>91637</b>			<b>CG/SCR</b>	<b>Insecta</b>	<b>Ephemeroptera</b>	<b>Baetidae</b>
91645	<i>Acentrella</i> sp.	4	CG/SCR	Insecta	Ephemeroptera	Baetidae
91632	<i>Acerpenna</i> sp.	4	CG/SCR	Insecta	Ephemeroptera	Baetidae
91646	<i>Baetis</i> sp.	4	CG/SCR	Insecta	Ephemeroptera	Baetidae
91642	<i>Baetodes</i> sp.	4	SCR	Insecta	Ephemeroptera	Baetidae
91650	<i>Callibaetis</i> sp.	4	CG	Insecta	Ephemeroptera	Baetidae
91647	<i>Camelobaetidius</i> sp.	4	CG/SCR	Insecta	Ephemeroptera	Baetidae
91644	<i>Centroptilum</i> sp.	2	CG/SCR	Insecta	Ephemeroptera	Baetidae
91648	<i>Cloeon</i> sp.	4	SCR/CG	Insecta	Ephemeroptera	Baetidae
91651	<i>Fallceon quilleri</i>	4	CG/SCR	Insecta	Ephemeroptera	Baetidae
91579	<i>Labiobaetis</i> sp.	4	CG/SCR	Insecta	Ephemeroptera	Baetidae
91656	<i>Paracloeodes</i> sp.	9	CG/SCR	Insecta	Ephemeroptera	Baetidae
91581	<i>Plauditus</i> sp.	4	CG	Insecta	Ephemeroptera	Baetidae
91641	<i>Procloeon</i> sp.	4	CG/SCR	Insecta	Ephemeroptera	Baetidae
91675	<i>Pseudocentroptiloides</i> sp.	4	CG	Insecta	Ephemeroptera	Baetidae
91654	<i>Pseudocloeon</i> sp.	4	CG/SCR	Insecta	Ephemeroptera	Baetidae
<b>91617</b>			<b>CG/SCR</b>	<b>Insecta</b>	<b>Ephemeroptera</b>	<b>Caenidae</b>
91598	<i>Brachycercus</i> sp.	3	CG	Insecta	Ephemeroptera	Caenidae
91600	<i>Caenis</i> sp.	7	CG/SCR	Insecta	Ephemeroptera	Caenidae
91621	<i>Cercobrachys</i> sp.	7	CG	Insecta	Ephemeroptera	Caenidae
<b>91615</b>			<b>CG/SCR</b>	<b>Insecta</b>	<b>Ephemeroptera</b>	<b>Ephemerellidae</b>
91602	<i>Ephemerella</i> sp.	3	CG/SCR	Insecta	Ephemeroptera	Ephemerellidae
91628	<i>Eurylophella</i> sp.	4	CG	Insecta	Ephemeroptera	Ephemerellidae
<b>91563</b>		<b>4</b>	<b>CG</b>	<b>Insecta</b>	<b>Ephemeroptera</b>	<b>Ephemeridae</b>

Aquatic macroinvertebrates commonly collected in Texas streams. Shaded cells indicate tolerance values and/or functional classification taken from higher taxonomic levels.

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For different feeding habits for larvae and adults: **L** = larvae; **A** = Adult

Parameter Code	Genus or Species	Tolerance Value	Functional Group	Class	Order	Family
91570	<i>Hexagenia</i> sp.	6	CG	Insecta	Ephemeroptera	Ephemeridae
<b>91607</b>		<b>4</b>	<b>SCR/CG</b>	<b>Insecta</b>	<b>Ephemeroptera</b>	<b>Heptageniidae</b>
91633	<i>Heptagenia</i> sp.	3	CG/SCR	Insecta	Ephemeroptera	Heptageniidae
91630	<i>Leucrocuta</i> sp.	2	CG/SCR	Insecta	Ephemeroptera	Heptageniidae
91510	<i>Maccaffertium</i> sp.	4	CG/SCR	Insecta	Ephemeroptera	Heptageniidae
91619	<i>Stenacron</i> sp.	4	CG/SCR	Insecta	Ephemeroptera	Heptageniidae
91620	<i>Stenonema</i> sp.	4	CG/SCR	Insecta	Ephemeroptera	Heptageniidae
<b>91622</b>			<b>FC</b>	<b>Insecta</b>	<b>Ephemeroptera</b>	<b>Isonychiidae</b>
91590	<i>Isonychia</i> sp.	3	FC	Insecta	Ephemeroptera	Isonychiidae
<b>91623</b>			<b>CG</b>	<b>Insecta</b>	<b>Ephemeroptera</b>	<b>Leptohyphidae</b>
91624	<i>Allenhyphes</i> sp.		CG	Insecta	Ephemeroptera	Leptohyphidae
91603	<i>Asioplax</i> sp.	4	CG	Insecta	Ephemeroptera	Leptohyphidae
91596	<i>Leptohyphes</i> sp.	2	CG	Insecta	Ephemeroptera	Leptohyphidae
91594	<i>Tricorythodes</i> sp.	5	CG	Insecta	Ephemeroptera	Leptohyphidae
91597	<i>Vacupernius packeri</i>	4	CG	Insecta	Ephemeroptera	Leptohyphidae
<b>91549</b>		<b>2</b>	<b>CG/SCR</b>	<b>Insecta</b>	<b>Ephemeroptera</b>	<b>Leptophlebiidae</b>
91554	<i>Choroterpes</i> sp.	2	CG/SCR	Insecta	Ephemeroptera	Leptophlebiidae
91661	<i>Farrodes texanus</i>	2	CG/SCR	Insecta	Ephemeroptera	Leptophlebiidae
91560	<i>Leptophlebia</i> sp		CG/SHR	Insecta	Ephemeroptera	Leptophlebiidae
91550	<i>Paraleptophlebia</i> sp.	2	CG/SHR	Insecta	Ephemeroptera	Leptophlebiidae
91562	<i>Thraulodes</i> sp.	2	CG/SCR	Insecta	Ephemeroptera	Leptophlebiidae
91552	<i>Traverella</i> sp.	2	FC	Insecta	Ephemeroptera	Leptophlebiidae
91557	<i>Neochoroterpes</i> sp.	2	CG/SCR	Insecta	Ephemeroptera	Leptophlebiidae
<b>91565</b>		<b>4</b>	<b>CG/FC</b>	<b>Insecta</b>	<b>Ephemeroptera</b>	<b>Palingeniidae</b>
91625	<i>Pentagenia</i> sp.	4	CG/FC	Insecta	Ephemeroptera	Palingeniidae
91578	<i>Ephoron</i> sp.	2	CG/FC	<b>Insecta</b>	<b>Ephemeroptera</b>	<b>Polymitarcyidae</b>

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91626	<i>Tortopus</i> sp.	2	CG/FC	Insecta	Ephemeroptera	Polymitarcyidae
<b>91627</b>			<b>SHR</b>	<b>Insecta</b>	<b>Plecoptera</b>	<b>Capniidae</b>
91861	<i>Allocaonia</i> sp.	2	SHR	Insecta	Plecoptera	Capniidae
<b>91634</b>			<b>CG/SHR</b>	<b>Insecta</b>	<b>Plecoptera</b>	<b>Leuctridae</b>
91859	<i>Zealeuctra</i> sp.	0	CG/SHR	Insecta	Plecoptera	Leuctridae
<b>91876</b>			<b>P</b>	<b>Insecta</b>	<b>Plecoptera</b>	<b>Perlidae</b>
91879	<i>Anacroneuria</i> sp.	1	P	Insecta	Plecoptera	Perlidae
91881	<i>Neoperla</i> sp.	1	P	Insecta	Plecoptera	Perlidae
91891	<i>Paragnetina</i> sp.	2	P	Insecta	Plecoptera	Perlidae
91883	<i>Perlesta</i> sp.	0	P	Insecta	Plecoptera	Perlidae
91887	<i>Perlinella</i> sp.	2	P	Insecta	Plecoptera	Perlidae
<b>91893</b>			<b>P</b>	<b>Insecta</b>	<b>Plecoptera</b>	<b>Perlodidae</b>
91895	<i>Hydroperla crosbyi</i>	2	P	Insecta	Plecoptera	Perlodidae
91896	<i>Isoperla</i> sp.	2	P	Insecta	Plecoptera	Perlodidae
<b>91872</b>			<b>CG/SHR</b>	<b>Insecta</b>	<b>Plecoptera</b>	<b>Taeniopterygidae</b>
91871	<i>Taeniopteryx</i> sp.	2	CG/SHR	Insecta	Plecoptera	Taeniopterygidae
<b>91635</b>			<b>FC/SCR</b>	<b>Insecta</b>	<b>Trichoptera</b>	<b>Brachycentridae</b>
92293	<i>Brachycentrus</i> sp.	1	FC/SCR	Insecta	Trichoptera	Brachycentridae
92356	<i>Phylloicus ornatus</i>		SHR	<b>Insecta</b>	<b>Trichoptera</b>	<b>Calamoceratidae</b>
92284	<i>Phylocentropus</i> sp.	5	FC	<b>Insecta</b>	<b>Trichoptera</b>	<b>Dipseudopsidae</b>
<b>91636</b>		<b>4</b>	<b>FC</b>	<b>Insecta</b>	<b>Trichoptera</b>	<b>Ecnomidae</b>
91640	<i>Austrotinodes</i> sp.	4	FC	Insecta	Trichoptera	Ecnomidae
<b>92315</b>			<b>CG/SCR</b>	<b>Insecta</b>	<b>Trichoptera</b>	<b>Glossosomatidae</b>
92316	<i>Agapetus</i> sp.	0	CG/SCR	Insecta	Trichoptera	Glossosomatidae
92338	<i>Culoptila</i> sp.	1	SCR	Insecta	Trichoptera	Glossosomatidae
92319	<i>Protoptila</i> sp.	1	SCR	Insecta	Trichoptera	Glossosomatidae

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<b>92375</b>		<b>2</b>	<b>SCR</b>	<b>Insecta</b>	<b>Trichoptera</b>	<b>Helicopsychidae</b>
92376	<i>Helicopsyche</i> sp.	2	SCR	Insecta	Trichoptera	Helicopsychidae
<b>91652</b>			<b>P</b>	<b>Insecta</b>	<b>Trichoptera</b>	<b>Hydrobiosidae</b>
92311	<i>Atopsyche</i> sp.	0	P	Insecta	Trichoptera	Hydrobiosidae
<b>92289</b>		<b>4</b>	<b>FC</b>	<b>Insecta</b>	<b>Trichoptera</b>	<b>Hydropsychidae</b>
92342	<i>Ceratopsyche</i> sp.	2	FC	Insecta	Trichoptera	Hydropsychidae
92292	<i>Cheumatopsyche</i> sp.	6	FC	Insecta	Trichoptera	Hydropsychidae
92294	<i>Diplectrona</i> sp.	2	FC	Insecta	Trichoptera	Hydropsychidae
92296	<i>Hydropsyche</i> sp.	5	FC	Insecta	Trichoptera	Hydropsychidae
92302	<i>Macrostemum</i> sp.	4	FC	Insecta	Trichoptera	Hydropsychidae
92305	<i>Potamyia</i> sp.	4	FC	Insecta	Trichoptera	Hydropsychidae
92308	<i>Smicridea</i> sp.	4	FC	Insecta	Trichoptera	Hydropsychidae
<b>92321</b>			<b>CG/SCR</b>	<b>Insecta</b>	<b>Trichoptera</b>	<b>Hydroptilidae</b>
92322	<i>Agraylea</i> sp.	6	CG	Insecta	Trichoptera	Hydroptilidae
92324	<i>Hydroptila</i> sp.	2	SCR	Insecta	Trichoptera	Hydroptilidae
92326	<i>Ithytrichia</i> sp.	4	SCR	Insecta	Trichoptera	Hydroptilidae
92327	<i>Leucotrichia</i> sp.	3	CG/SCR	Insecta	Trichoptera	Hydroptilidae
92329	<i>Mayatrichia</i> sp.	4	SCR	Insecta	Trichoptera	Hydroptilidae
92353	<i>Metrichia</i> sp.	4	SCR	Insecta	Trichoptera	Hydroptilidae
92330	<i>Neotrichia</i> sp.	4	SCR	Insecta	Trichoptera	Hydroptilidae
92332	<i>Ochrotrichia</i> sp.	4	CG	Insecta	Trichoptera	Hydroptilidae
92333	<i>Orthotrichia</i> sp.	6	SCR	Insecta	Trichoptera	Hydroptilidae
92335	<i>Oxyethira</i> sp.	2	CG/SCR	Insecta	Trichoptera	Hydroptilidae
92337	<i>Stactobiella</i> sp.	3	SHR	Insecta	Trichoptera	Hydroptilidae
<b>92383</b>			<b>CG/P/SHR</b>	<b>Insecta</b>	<b>Trichoptera</b>	<b>Leptoceridae</b>
92331	<i>Ceraclea</i> sp.	3	CG/P/SHR	Insecta	Trichoptera	Leptoceridae

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92387	<i>Leptocerus</i> sp.	4	SHR	Insecta	Trichoptera	Leptoceridae
92304	<i>Nectopsyche</i> sp.	3	CG/P/SHR	Insecta	Trichoptera	Leptoceridae
92391	<i>Oecetis</i> sp.	5	P/SHR	Insecta	Trichoptera	Leptoceridae
92365	<i>Setodes</i> sp.	2	CG/P	Insecta	Trichoptera	Leptoceridae
92395	<i>Triaenodes</i> sp.	3	P	Insecta	Trichoptera	Leptoceridae
<b>92359</b>			<b>SHR</b>	<b>Insecta</b>	<b>Trichoptera</b>	<b>Limnephilidae</b>
92371	<i>Pycnopsyche</i> sp.	2	SHR	Insecta	Trichoptera	Limnephilidae
<b>92377</b>			<b>SHR</b>	<b>Insecta</b>	<b>Trichoptera</b>	<b>Odontoceridae</b>
92378	<i>Marilia</i> sp.	0	SHR	Insecta	Trichoptera	Odontoceridae
<b>92267</b>			<b>FC</b>	<b>Insecta</b>	<b>Trichoptera</b>	<b>Philopotamidae</b>
92268	<i>Chimarra</i> sp.	2	FC	Insecta	Trichoptera	Philopotamidae
92334	<i>Dolophilodes</i> sp.	3	FC	Insecta	Trichoptera	Philopotamidae
92271	<i>Wormaldia</i> sp.	3	FC	Insecta	Trichoptera	Philopotamidae
<b>91681</b>			<b>SHR</b>	<b>Insecta</b>	<b>Trichoptera</b>	<b>Phryganeidae</b>
92351	<i>Ptilostomis</i> sp.	7	SHR	Insecta	Trichoptera	Phryganeidae
<b>92280</b>		<b>6</b>	<b>FC</b>	<b>Insecta</b>	<b>Trichoptera</b>	<b>Polycentropodidae</b>
92320	<i>Cyrnellus fraternus</i>	4	FC	Insecta	Trichoptera	Polycentropodidae
92274	<i>Cernotina</i> sp.	6	P	Insecta	Trichoptera	Polycentropodidae
92278	<i>Neureclipsis</i> sp.	4	FC/P/SHR	Insecta	Trichoptera	Polycentropodidae
92279	<i>Nyctiophylax</i> sp.	1	FC/P	Insecta	Trichoptera	Polycentropodidae
92281	<i>Polycentropus</i> sp.	3	FC/P	Insecta	Trichoptera	Polycentropodidae
92539	<i>Polyplectropus</i> sp.	6	FC/P	Insecta	Trichoptera	Polycentropodidae
<b>92273</b>			<b>CG/SCR</b>	<b>Insecta</b>	<b>Trichoptera</b>	<b>Psychomyiidae</b>
92276	<i>Lype</i> sp.		CG/SCR	Insecta	Trichoptera	Psychomyiidae
92285	<i>Psychomyia</i> sp.		CG/SCR	Insecta	Trichoptera	Psychomyiidae
<b>92310</b>			<b>P</b>	<b>Insecta</b>	<b>Trichoptera</b>	<b>Rhyacophilidae</b>

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92313	<i>Rhyacophila</i> sp.	0	P	Insecta	Trichoptera	Rhyacophilidae
<b>92071</b>			<b>P</b>	<b>Insecta</b>	<b>Megaloptera</b>	<b>Corydalidae</b>
92076	<i>Corydalus cornutus</i>	6	P	Insecta	Megaloptera	Corydalidae
92072	<i>Chauliodes</i> sp.	4	P	Insecta	Megaloptera	Corydalidae
<b>91689</b>		<b>5</b>	<b>P</b>	<b>Insecta</b>	<b>Megaloptera</b>	<b>Sialidae</b>
92069	<i>Sialis</i> sp.	5	P	Insecta	Megaloptera	Sialidae
<b>92081</b>			<b>P</b>	<b>Insecta</b>	<b>Neuroptera</b>	<b>Sisyridae</b>
91693	<i>Climacia</i> sp.		P	Insecta	Neuroptera	Sisyridae
91699	<i>Sisyra</i> sp.		P	Insecta	Neuroptera	Sisyridae
<b>91506</b>			<b>SCR/SHR</b>	<b>Insecta</b>	<b>Lepidoptera</b>	<b>Crambidae</b>
92731	<i>Acentria</i> sp.	1	SHR	Insecta	Lepidoptera	Crambidae
92726	<i>Crambus</i> sp.	5	SHR	Insecta	Lepidoptera	Crambidae
92663	<i>Elophila</i> sp.		SHR	Insecta	Lepidoptera	Crambidae
92659	<i>Paraponyx</i> sp.	5	SHR	Insecta	Lepidoptera	Crambidae
92686	<i>Petrophila</i> sp.	5	SCR	Insecta	Lepidoptera	Crambidae
<b>91362</b>			<b>SHR</b>	<b>Insecta</b>	<b>Lepidoptera</b>	<b>Noctuidae</b>
<b>92191</b>			<b>SHR</b>	<b>Insecta</b>	<b>Coleoptera</b>	<b>Chrysomelidae</b>
92192	<i>Donacia</i> sp.		SHR	Insecta	Coleoptera	Chrysomelidae
<b>92182</b>			<b>SHR</b>	<b>Insecta</b>	<b>Coleoptera</b>	<b>Curculionidae</b>
92199	<i>Listronotus</i> sp.		SHR	Insecta	Coleoptera	Curculionidae
92141	<i>Lixus</i> sp.		SHR	Insecta	Coleoptera	Curculionidae
<b>92214</b>			<b>CG/SCR</b>	<b>Insecta</b>	<b>Coleoptera</b>	<b>Dryopidae</b>
92215	<i>Dryops</i> sp.		CG/SCR	Insecta	Coleoptera	Dryopidae
92217	<i>Helichus</i> sp.	4	CG/SCR	Insecta	Coleoptera	Dryopidae
92219	<i>Pelonomus</i> sp.		CG/SCR	Insecta	Coleoptera	Dryopidae
91700	<i>Postelichus</i> sp.		CG/SCR	Insecta	Coleoptera	Dryopidae

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<b>92105</b>			<b>P</b>	<b>Insecta</b>	<b>Coleoptera</b>	<b>Dytiscidae</b>
92106	<i>Acilius</i> sp.	5	P	Insecta	Coleoptera	Dytiscidae
92108	<i>Agabus</i> sp.	5	P	Insecta	Coleoptera	Dytiscidae
92086	<i>Bidessonotus</i> sp.	5	P	Insecta	Coleoptera	Dytiscidae
92085	<i>Brachyvatus</i> sp.	5	P	Insecta	Coleoptera	Dytiscidae
92111	<i>Celina</i> sp.	5	P	Insecta	Coleoptera	Dytiscidae
92114	<i>Copelatus</i> sp.	9	P	Insecta	Coleoptera	Dytiscidae
92116	<i>Coptotomus</i> sp.	9	P	Insecta	Coleoptera	Dytiscidae
92117	<i>Cybister</i> sp.	5	P	Insecta	Coleoptera	Dytiscidae
92119	<i>Deronectes</i> sp.	5	P	Insecta	Coleoptera	Dytiscidae
92118	<i>Derovatellus</i> sp.	5	P	Insecta	Coleoptera	Dytiscidae
91508	<i>Desmopachria</i> sp.	5	P	Insecta	Coleoptera	Dytiscidae
92122	<i>Dytiscus</i> sp.	5	P	Insecta	Coleoptera	Dytiscidae
92126	<i>Hydaticus</i> sp.	5	P	Insecta	Coleoptera	Dytiscidae
92128	<i>Hydroporus</i> sp.	9	P	Insecta	Coleoptera	Dytiscidae
92130	<i>Hydrovatus</i> sp.	5	P	Insecta	Coleoptera	Dytiscidae
92083	<i>Laccophilus</i> sp.	10	P	Insecta	Coleoptera	Dytiscidae
92136	<i>Laccodytes</i> sp.	5	P	Insecta	Coleoptera	Dytiscidae
92112	<i>Liodessus</i> sp.	5	P	Insecta	Coleoptera	Dytiscidae
92187	<i>Neobidessus</i> sp.	5	P	Insecta	Coleoptera	Dytiscidae
92124	<i>Neoporus</i> sp.	5	P	Insecta	Coleoptera	Dytiscidae
92129	<i>Oreodytes</i> sp.	5	P	Insecta	Coleoptera	Dytiscidae
92138	<i>Thermonectus</i> sp.	5	P	Insecta	Coleoptera	Dytiscidae
92127	<i>Uvarus</i> sp.	5	P	Insecta	Coleoptera	Dytiscidae
<b>92225</b>			<b>CG/SCR</b>	<b>Insecta</b>	<b>Coleoptera</b>	<b>Elmidae</b>
91701	<i>Ampumixis</i> sp.	4	CG/SCR	Insecta	Coleoptera	Elmidae

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92226	<i>Ancyronyx</i> sp.	2	CG/SCR	Insecta	Coleoptera	Elmidae
92230	<i>Dubiraphia</i> sp.	5	CG/SCR	Insecta	Coleoptera	Elmidae
92233	<i>Heterelmis</i> sp.	4	CG/SCR	Insecta	Coleoptera	Elmidae
92235	<i>Hexacylloepus</i> sp.	2	CG/SCR	Insecta	Coleoptera	Elmidae
92232	<i>Macrelmis</i> sp.	4	CG/SCR	Insecta	Coleoptera	Elmidae
92240	<i>Macronychus</i> sp.	2	CG/SCR	Insecta	Coleoptera	Elmidae
92243	<i>Microcyllloepus</i> sp.	2	CG/SCR	Insecta	Coleoptera	Elmidae
92244	<i>Narpus</i> sp.	2	CG/SCR	Insecta	Coleoptera	Elmidae
92246	<i>Neelmis</i> sp.	2	CG/SCR	Insecta	Coleoptera	Elmidae
92261	<i>Phanocerus clavicornis</i>		CG/SCR	Insecta	Coleoptera	Elmidae
92253	<i>Stenelmis</i> sp.	7	CG/SCR	Insecta	Coleoptera	Elmidae
<b>92190</b>			<b>SCR</b>	<b>Insecta</b>	<b>Coleoptera</b>	<b>Georissidae (Georyssidae)</b>
91708	<i>Georissus (Georyssus)</i> sp.		SCR	Insecta	Coleoptera	Georissidae (Georyssidae)
<b>92089</b>		<b>5</b>	<b>P</b>	<b>Insecta</b>	<b>Coleoptera</b>	<b>Gyrinidae</b>
92090	<i>Dineutus</i> sp.	5	P	Insecta	Coleoptera	Gyrinidae
92092	<i>Gyretes</i> sp.	6	P	Insecta	Coleoptera	Gyrinidae
92093	<i>Gyrinus</i> sp.	6	P	Insecta	Coleoptera	Gyrinidae
<b>92095</b>		<b>7</b>	<b>P/SHR</b>	<b>Insecta</b>	<b>Coleoptera</b>	<b>Haliplidae</b>
92098	<i>Haliplus</i> sp.	7	P/SHR	Insecta	Coleoptera	Haliplidae
92100	<i>Peltodytes</i> sp.	8	P/SHR	Insecta	Coleoptera	Haliplidae
92168	<i>Helophorus</i> sp.	8	SHR	<b>Insecta</b>	<b>Coleoptera</b>	<b>Helophoridae</b>
91716	<i>Ochthebius</i> sp. (adult)	5	SCR/CG	<b>Insecta</b>	<b>Coleoptera</b>	<b>Hydraenidae</b>
92162	<i>Hydraena</i> sp. (adult)	5	SCR/CG	<b>Insecta</b>	<b>Coleoptera</b>	<b>Hydraenidae</b>
92165	<i>Hydrochus</i> sp.		SHR	<b>Insecta</b>	<b>Coleoptera</b>	<b>Hydrochidae</b>
<b>92153</b>	<b>Hydrophilidae</b>	<b>5</b>	<b>L = P</b> <b>A = CG</b>	<b>Insecta</b>	<b>Coleoptera</b>	<b>Hydrophilidae</b>



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92154	<i>Berosus</i> sp.	9	L = P A = CG/SHR	Insecta	Coleoptera	Hydrophilidae
92175	<i>Derallus</i> sp.	5	CG	Insecta	Coleoptera	Hydrophilidae
92161	<i>Enochrus</i> sp.	8	CG	Insecta	Coleoptera	Hydrophilidae
92166	<i>Helochaeres</i> sp.	5	CG	Insecta	Coleoptera	Hydrophilidae
91717	<i>Helocombus</i> sp.	5	CG	Insecta	Coleoptera	Hydrophilidae
92147	<i>Hydrobiomorpha</i> sp.		CG	Insecta	Coleoptera	Hydrophilidae
92170	<i>Hydrobius</i> sp.		CG	Insecta	Coleoptera	Hydrophilidae
92171	<i>Hydrophilus</i> sp.		CG	Insecta	Coleoptera	Hydrophilidae
92173	<i>Laccobius</i> sp.	8	L = P A = CG	Insecta	Coleoptera	Hydrophilidae
92179	<i>Paracymus</i> sp.	5	P	Insecta	Coleoptera	Hydrophilidae
92143	<i>Sperchopsis</i> sp.	5	L = P A = CG	Insecta	Coleoptera	Hydrophilidae
92180	<i>Tropisternus</i> sp.	10	L = P A = CG	Insecta	Coleoptera	Hydrophilidae
<b>91724</b>		<b>3</b>	<b>SHR</b>	<b>Insecta</b>	<b>Coleoptera</b>	<b>Lutrochidae</b>
92223	<i>Lutrochus</i> sp.	3	SHR	Insecta	Coleoptera	Lutrochidae
<b>92139</b>			<b>CG/P</b>	<b>Insecta</b>	<b>Coleoptera</b>	<b>Noteridae</b>
91735	<i>Notomicrus</i> sp.		P	Insecta	Coleoptera	Noteridae
92142	<i>Hydrocanthus</i> sp.	7	L = CG/P A = P	Insecta	Coleoptera	Noteridae
92146	<i>Suphisellus</i> sp.		P	Insecta	Coleoptera	Noteridae
<b>92208</b>			<b>SCR</b>	<b>Insecta</b>	<b>Coleoptera</b>	<b>Psephenidae</b>
92209	<i>Eubrianax</i> sp.	4	SCR	Insecta	Coleoptera	Psephenidae
92210	<i>Ectopria nervosa</i>	4	SCR	Insecta	Coleoptera	Psephenidae
92211	<i>Psephenus</i> sp.	4	SCR	Insecta	Coleoptera	Psephenidae

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<b>92729</b>			<b>CG/SCR/SHR</b>	<b>Insecta</b>	<b>Coleoptera</b>	<b>Scirtidae</b>
92264	<i>Elodes</i> sp.		CG/SCR/SHR	Insecta	Coleoptera	Scirtidae
92206	<i>Scirtes</i> sp.		SHR	Insecta	Coleoptera	Scirtidae
92198	<i>Cyphon</i> sp.	7	CG/SCR/SHR	Insecta	Coleoptera	Scirtidae
91736	<i>Prionocyphon</i> sp.		CG/SCR/SHR	Insecta	Coleoptera	Scirtidae
<b>92193</b>			<b>P</b>	<b>Insecta</b>	<b>Coleoptera</b>	<b>Staphylinidae</b>
92196	<i>Stenus</i> sp.		P	Insecta	Coleoptera	Staphylinidae
<b>91740</b>			<b>P</b>	<b>Insecta</b>	<b>Odonata</b>	<b>Aeschnidae</b>
91741	<i>Aeshna</i> sp.	4	P	Insecta	Odonata	Aeschnidae
91745	<i>Basiaeschna</i> sp.	2	P	Insecta	Odonata	Aeschnidae
91747	<i>Boyeria</i> sp.	3	P	Insecta	Odonata	Aeschnidae
91738	<i>Coryphaeschna</i> sp.	3	P	Insecta	Odonata	Aeschnidae
91793	<i>Epiaeschna</i> sp.	1	P	Insecta	Odonata	Aeschnidae
91757	<i>Nasiaeschna</i> sp.	8	P	Insecta	Odonata	Aeschnidae
<b>91666</b>			<b>P</b>	<b>Insecta</b>	<b>Odonata</b>	<b>Calopterygidae</b>
91667	<i>Calopteryx</i> sp.	5	P	Insecta	Odonata	Calopterygidae
91669	<i>Hetaerina</i> sp.	6	P	Insecta	Odonata	Calopterygidae
<b>91698</b>		<b>6</b>	<b>P</b>	<b>Insecta</b>	<b>Odonata</b>	<b>Coenagrionidae</b>
91683	<i>Argia</i> sp.	6	P	Insecta	Odonata	Coenagrionidae
91685	<i>Chromagrion</i> sp.	9	P	Insecta	Odonata	Coenagrionidae
91687	<i>Enallagma</i> sp.	6	P	Insecta	Odonata	Coenagrionidae
91749	<i>Hesperagrion</i> sp.	6	P	Insecta	Odonata	Coenagrionidae
91695	<i>Ischnura</i> sp.	9	P	Insecta	Odonata	Coenagrionidae
91703	<i>Telebasis</i> sp.		P	Insecta	Odonata	Coenagrionidae
<b>91751</b>			<b>P</b>	<b>Insecta</b>	<b>Odonata</b>	<b>Cordulegastridae</b>

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91764	<i>Cordulegaster</i> sp.	6	P	Insecta	Odonata	Cordulegastridae
<b>91766</b>			<b>P</b>	<b>Insecta</b>	<b>Odonata</b>	<b>Macromiidae (subfamily of Corduliidae)</b>
91767	<i>Didymops</i> sp.		P	Insecta	Odonata	Corduliidae
91769	<i>Macromia</i> sp.	3	P	Insecta	Odonata	Corduliidae
<b>91785</b>			<b>P</b>	<b>Insecta</b>	<b>Odonata</b>	<b>Corduliidae</b>
91786	<i>Dorocordulia</i> sp.	5	P	Insecta	Odonata	Corduliidae
91790	<i>Epicordulia</i> sp.	6	P	Insecta	Odonata	Corduliidae
91817	<i>Neurocordulia</i> sp.	3	P	Insecta	Odonata	Corduliidae
91837	<i>Somatochlora</i> sp.	1	P	Insecta	Odonata	Corduliidae
91791	<i>Epitheca</i> sp.	7	P	Insecta	Odonata	Corduliidae
91796	<i>Helocordulia</i> sp.		P	Insecta	Odonata	Corduliidae
<b>91706</b>		<b>1</b>	<b>P</b>	<b>Insecta</b>	<b>Odonata</b>	<b>Gomphidae</b>
91707	<i>Aphylla</i> sp.	1	P	Insecta	Odonata	Gomphidae
91709	<i>Arigomphus</i> sp.	1	P	Insecta	Odonata	Gomphidae
91711	<i>Dromogomphus</i> sp.	4	P	Insecta	Odonata	Gomphidae
91713	<i>Erpetogomphus</i> sp.	1	P	Insecta	Odonata	Gomphidae
91715	<i>Gomphoides</i> sp.	1	P	Insecta	Odonata	Gomphidae
91718	<i>Gomphus</i> sp.	7	P	Insecta	Odonata	Gomphidae
91721	<i>Hagenius</i> sp.	3	P	Insecta	Odonata	Gomphidae
91728	<i>Ophiogomphus</i> sp.	6	P	Insecta	Odonata	Gomphidae
91696	<i>Phyllogomphoides</i> sp.	1	P	Insecta	Odonata	Gomphidae
91730	<i>Progomphus</i> sp.	5	P	Insecta	Odonata	Gomphidae
91733	<i>Stylurus</i> sp.	1	P	Insecta	Odonata	Gomphidae
<b>91671</b>			<b>P</b>	<b>Insecta</b>	<b>Odonata</b>	<b>Lestidae</b>
91674	<i>Lestes</i> sp.	9	P	Insecta	Odonata	Lestidae

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<b>91771</b>			<b>P</b>	<b>Insecta</b>	<b>Odonata</b>	<b>Libellulidae</b>
91776	<i>Brechmorhoga</i> sp.	6	P	Insecta	Odonata	Libellulidae
91788	<i>Dythemis</i> sp.	5	P	Insecta	Odonata	Libellulidae
91792	<i>Erythemis</i> sp.	5	P	Insecta	Odonata	Libellulidae
91794	<i>Erythrodiplax</i> sp.	5	P	Insecta	Odonata	Libellulidae
91804	<i>Leucorrhinia</i> sp.	9	P	Insecta	Odonata	Libellulidae
91806	<i>Libellula</i> sp.	8	P	Insecta	Odonata	Libellulidae
91813	<i>Miathyria</i> sp.	9	P	Insecta	Odonata	Libellulidae
91775	<i>Macrodiplax balteata</i>		P	Insecta	Odonata	Libellulidae
91811	<i>Macrothemis</i> sp.	9	P	Insecta	Odonata	Libellulidae
91816	<i>Nannothemis</i> sp.	9	P	Insecta	Odonata	Libellulidae
91819	<i>Orthemis</i> sp.	9	P	Insecta	Odonata	Libellulidae
91822	<i>Pachydiplax</i> sp.	10	P	Insecta	Odonata	Libellulidae
91826	<i>Pantala</i> sp.	9	P	Insecta	Odonata	Libellulidae
91827	<i>Perithemis</i> sp.	4	P	Insecta	Odonata	Libellulidae
91838	<i>Sympetrum</i> sp.	7	P	Insecta	Odonata	Libellulidae
<b>91985</b>			<b>P</b>	<b>Insecta</b>	<b>Hemiptera</b>	<b>Belostomatidae</b>
91986	<i>Abedus</i> sp.		P	Insecta	Hemiptera	Belostomatidae
91988	<i>Belostoma</i> sp.	10	P	Insecta	Hemiptera	Belostomatidae
91994	<i>Lethocerus</i> sp.		P	Insecta	Hemiptera	Belostomatidae
<b>92016</b>		<b>9</b>	<b>CG/P</b>	<b>Insecta</b>	<b>Hemiptera</b>	<b>Corixidae</b>
92030	<i>Graptocorixa</i> sp.	8	P	Insecta	Hemiptera	Corixidae
92031	<i>Hesperocorixa</i> sp.	9	CG/P	Insecta	Hemiptera	Corixidae
92009	<i>Palmarcorixa</i> sp.	9	CG/P	Insecta	Hemiptera	Corixidae
92044	<i>Trichocorixa</i> sp.	5	CG/P	Insecta	Hemiptera	Corixidae
<b>91982</b>			<b>P</b>	<b>Insecta</b>	<b>Hemiptera</b>	<b>Gelastocoridae</b>

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91983	<i>Gelastocoris</i> sp.		P	Insecta	Hemiptera	Gelastocoridae
<b>91929</b>			<b>P</b>	<b>Insecta</b>	<b>Hemiptera</b>	<b>Gerridae</b>
91951	<i>Aquarius</i> sp.	5	P	Insecta	Hemiptera	Gerridae
91930	<i>Gerris</i> sp.	5	P	Insecta	Hemiptera	Gerridae
91949	<i>Limnopus</i> sp.	5	P	Insecta	Hemiptera	Gerridae
91942	<i>Metrobates</i> sp.		P	Insecta	Hemiptera	Gerridae
91944	<i>Rheumatobates</i> sp.	5	P	Insecta	Hemiptera	Gerridae
91946	<i>Trepobates</i> sp.	5	P	Insecta	Hemiptera	Gerridae
<b>91955</b>			<b>P</b>	<b>Insecta</b>	<b>Hemiptera</b>	<b>Hebridae</b>
91915	<i>Hebrus</i> sp.		P	Insecta	Hemiptera	Hebridae
91917	<i>Merragata</i> sp.		P	Insecta	Hemiptera	Hebridae
91957	<i>Lipogomphus</i> sp.		P	Insecta	Hemiptera	Hebridae
<b>91753</b>			<b>P</b>	<b>Insecta</b>	<b>Hemiptera</b>	<b>Hydrometridae</b>
91913	<i>Hydrometra</i> sp.		P	Insecta	Hemiptera	Hydrometridae
<b>91952</b>			<b>P</b>	<b>Insecta</b>	<b>Hemiptera</b>	<b>Mesoveliidae</b>
91953	<i>Mesovelia</i> sp.		P	Insecta	Hemiptera	Mesoveliidae
92045	<i>Tenagobia</i> sp.	8	CG/P	<b>Insecta</b>	<b>Hemiptera</b>	<b>Micronectidae</b>
<b>92053</b>		<b>5</b>	<b>P</b>	<b>Insecta</b>	<b>Hemiptera</b>	<b>Naucoridae</b>
92054	<i>Ambrysus</i> sp.	5	P	Insecta	Hemiptera	Naucoridae
92057	<i>Cryphocricos</i> sp.	5	P	Insecta	Hemiptera	Naucoridae
92060	<i>Limnocois</i> sp.	5	P	Insecta	Hemiptera	Naucoridae
92059	<i>Pelocoris</i> sp.	5	P	Insecta	Hemiptera	Naucoridae
<b>91997</b>			<b>P</b>	<b>Insecta</b>	<b>Hemiptera</b>	<b>Nepidae</b>
91996	<i>Curicta</i> sp.		P	Insecta	Hemiptera	Nepidae
92002	<i>Ranatra</i> sp.	8	P	Insecta	Hemiptera	Nepidae
<b>92047</b>			<b>P</b>	<b>Insecta</b>	<b>Hemiptera</b>	<b>Notonectidae</b>

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92048	<i>Buenoa</i> sp.		P	Insecta	Hemiptera	Notonectidae
92051	<i>Notonecta</i> sp.		P	Insecta	Hemiptera	Notonectidae
<b>92005</b>			<b>P</b>	<b>Insecta</b>	<b>Hemiptera</b>	<b>Pleidae</b>
92008	<i>Neoplea</i> sp.		P	Insecta	Hemiptera	Pleidae
92004	<i>Paraplea</i> sp.		P	Insecta	Hemiptera	Pleidae
<b>91964</b>			<b>P</b>	<b>Insecta</b>	<b>Hemiptera</b>	<b>Saldidae</b>
91965	<i>Saldula</i> sp.		P	Insecta	Hemiptera	Saldidae
<b>91918</b>			<b>P</b>	<b>Insecta</b>	<b>Hemiptera</b>	<b>Veliidae</b>
91919	<i>Microvelia</i> sp.	6	P	Insecta	Hemiptera	Veliidae
91923	<i>Rhagovelia</i> sp.	6	P	Insecta	Hemiptera	Veliidae
91755	<i>Steinovelina</i> sp.		P	Insecta	Hemiptera	Veliidae
<b>92491</b>		<b>6</b>	<b>CG/FC/P</b>	<b>Insecta</b>	<b>Diptera</b>	<b>Chironomidae</b>
92507	Subfamily: Chironominae	6	CG/FC/P	Insecta	Diptera	Chironomidae
92955	Tribe: Chironomini		CG	Insecta	Diptera	Chironomidae
92070	<i>Apedilum</i> sp.	6	CG	Insecta	Diptera	Chironomidae
92647	<i>Axarus</i> sp.	6	CG	Insecta	Diptera	Chironomidae
91756	<i>Beardius</i> sp.		CG/FC	Insecta	Diptera	Chironomidae
92508	<i>Chironomus</i> sp.	10	CG/SHR	Insecta	Diptera	Chironomidae
91759	<i>Cladopelma</i> sp.	2.5	CG	Insecta	Diptera	Chironomidae
92522	<i>Cryptochironomus</i> sp.	8	P	Insecta	Diptera	Chironomidae
92516	<i>Dicrotendipes</i> sp.	7	CG/FC	Insecta	Diptera	Chironomidae
92512	<i>Einfeldia</i> sp.	10	CG	Insecta	Diptera	Chironomidae
92520	<i>Endochironomus</i> sp.	6	CG/FC/SHR	Insecta	Diptera	Chironomidae
92531	<i>Glyptotendipes</i> sp.	8	CG/FC/SHR	Insecta	Diptera	Chironomidae
92525	<i>Goeldichironomus</i> sp.	8	CG	Insecta	Diptera	Chironomidae
92524	<i>Harnischia</i> sp.	8	CG	Insecta	Diptera	Chironomidae

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92514	<i>Kiefferulus</i> sp.	10	CG	Insecta	Diptera	Chironomidae
92535	<i>Lauterborniella</i> sp.	8	CG	Insecta	Diptera	Chironomidae
91497	<i>Microchironomus</i> sp.	8	CG	Insecta	Diptera	Chironomidae
92542	<i>Microtendipes</i> sp.	6	CG/FC	Insecta	Diptera	Chironomidae
92571	<i>Nilothauma</i> sp.	3	CG/FC	Insecta	Diptera	Chironomidae
92544	<i>Paratendipes</i> sp.	5	CG	Insecta	Diptera	Chironomidae
92526	<i>Parachironomus</i> sp.	9	CG/P	Insecta	Diptera	Chironomidae
92528	<i>Paracladopelma</i> sp.	6	CG	Insecta	Diptera	Chironomidae
92545	<i>Paralauterborniella</i> sp.	6	CG	Insecta	Diptera	Chironomidae
92537	<i>Phaenopsectra</i> sp.	8	CG/SCR	Insecta	Diptera	Chironomidae
92534	<i>Polypedilum</i> sp.	6	CG/P/SHR	Insecta	Diptera	Chironomidae
91007	<i>Robackia</i> sp.	6	CG	Insecta	Diptera	Chironomidae
92469	<i>Saetheria</i> sp.	8	CG	Insecta	Diptera	Chironomidae
91495	<i>Sergentia</i> sp.	6	CG/SCR	Insecta	Diptera	Chironomidae
92547	<i>Stictochironomus</i> sp.	8	CG/SHR	Insecta	Diptera	Chironomidae
92540	<i>Stenochironomus</i> sp.	6	CG/SHR	Insecta	Diptera	Chironomidae
91901	<i>Stelechomyia</i> sp.	5	CG	Insecta	Diptera	Chironomidae
92511	<i>Tribelos</i> sp.	5	CG	Insecta	Diptera	Chironomidae
92529	<i>Xenochironomus</i> sp.	7	P	Insecta	Diptera	Chironomidae
92530	<i>Xenochironomus xenolabis</i>	7	P	Insecta	Diptera	Chironomidae
91760	<i>Xestochironomus</i> sp.		P	Insecta	Diptera	Chironomidae
91761	Tribe: Pseudochironomini		CG	Insecta	Diptera	Chironomidae
92538	<i>Pseudochironomus</i> sp.	5	CG	Insecta	Diptera	Chironomidae
90996	Tribe: Tanytarsini	6	CG/FC	Insecta	Diptera	Chironomidae
92551	<i>Micropsectra</i> sp.	2	CG	Insecta	Diptera	Chironomidae
92552	<i>Cladotanytarsus</i> sp.	7	CG/FC	Insecta	Diptera	Chironomidae

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91899	<i>Nimboecera</i> sp.	6	CG/FC	Insecta	Diptera	Chironomidae
92441	<i>Paratanytarsus</i> sp.	8	CG/FC	Insecta	Diptera	Chironomidae
92555	<i>Rheotanytarsus</i> sp.	6	FC	Insecta	Diptera	Chironomidae
92405	<i>Stempellinella</i> sp.	3	CG/FC	Insecta	Diptera	Chironomidae
92554	<i>Tanytarsus</i> sp.	6	CG/FC	Insecta	Diptera	Chironomidae
92429	<i>Virgatanytarsus</i> sp.	6	CG/FC	Insecta	Diptera	Chironomidae
92557	Subfamily: Podonominae		CG/SCR	Insecta	Diptera	Chironomidae
92558	Subfamily: Diamesinae		CG/SCR	Insecta	Diptera	Chironomidae
92562	<i>Potthastia</i> sp.	2	CG/SCR	Insecta	Diptera	Chironomidae
91762	<i>Pseudodiamesa</i> sp.		CG	Insecta	Diptera	Chironomidae
92569	Subfamily: Orthoclaadiinae	6	CG	Insecta	Diptera	Chironomidae
	Tribe: Corynoneurini		CG	Insecta	Diptera	Chironomidae
92573	<i>Corynoneura</i> sp.	6	CG	Insecta	Diptera	Chironomidae
92588	<i>Thienemanniella</i> sp.	2	CG	Insecta	Diptera	Chironomidae
	Tribe: Orthocladini		CG	Insecta	Diptera	Chironomidae
91897	<i>Acricotopus</i> sp.	6	CG	Insecta	Diptera	Chironomidae
92570	<i>Brillia</i> sp.	5	CG/SHR	Insecta	Diptera	Chironomidae
92572	<i>Cardiocladius</i> sp.	2	P	Insecta	Diptera	Chironomidae
91892	<i>Chaetocladius</i> sp.	6	CG	Insecta	Diptera	Chironomidae
92575	<i>Cricotopus</i> sp.	8	CG	Insecta	Diptera	Chironomidae
92579	<i>Eukiefferiella</i> sp.	4	CG/P/SCR	Insecta	Diptera	Chironomidae
92614	<i>Hydrobaenus</i> sp.	10	CG/SCR	Insecta	Diptera	Chironomidae
92444	<i>Lopescladius</i> sp.	2	CG	Insecta	Diptera	Chironomidae
92581	<i>Metriocnemus</i> sp.	6	CG/P	Insecta	Diptera	Chironomidae
91686	<i>Nanocladius</i> sp.	7	CG	Insecta	Diptera	Chironomidae
92584	<i>Orthocladus</i> sp.	4	CG	Insecta	Diptera	Chironomidae



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91763	<i>Paracricotopus</i> sp.		CG	Insecta	Diptera	Chironomidae
91890	<i>Parakiefferiella</i> sp.	6	CG	Insecta	Diptera	Chironomidae
92583	<i>Parametrioctenemus</i> sp.	4	CG	Insecta	Diptera	Chironomidae
91885	<i>Pseudosmittia</i> sp.	6	CG	Insecta	Diptera	Chironomidae
91920	<i>Rheocricotopus</i> sp.	6	CG/P/SHR	Insecta	Diptera	Chironomidae
91869	<i>Thienemannia</i> sp.	6	CG	Insecta	Diptera	Chironomidae
92406	<i>Xylotopus par</i>	7	CG	Insecta	Diptera	Chironomidae
92492/ 90984	Subfamily: Tanypodinae		P	Insecta	Diptera	Chironomidae
91765	Tribe: Coelotanypodini		P	Insecta	Diptera	Chironomidae
92734	<i>Alotanypus</i> sp.		P	Insecta	Diptera	Chironomidae
92498	<i>Clinotanypus</i> sp.	6	P	Insecta	Diptera	Chironomidae
92500	<i>Coelotanypus</i> sp.	6	P	Insecta	Diptera	Chironomidae
91866	<i>Fittkauimyia</i> sp.	6	P	Insecta	Diptera	Chironomidae
91768	Tribe: Macropelopiini		P	Insecta	Diptera	Chironomidae
92505	<i>Psectrotanypus</i> sp.	8	P	Insecta	Diptera	Chironomidae
91774	Tribe: Natarsiini		P	Insecta	Diptera	Chironomidae
91862	<i>Natarsia</i> sp.	10	P	Insecta	Diptera	Chironomidae
90998	Tribe: Pentaneurini		P	Insecta	Diptera	Chironomidae
92503	<i>Ablabesmyia</i> sp.	6	P/CG	Insecta	Diptera	Chironomidae
92502	<i>Conchapelopia</i> sp.	6	CG/P	Insecta	Diptera	Chironomidae
92834	<i>Guttipelopia</i> sp.		P	Insecta	Diptera	Chironomidae
92805	<i>Krenopelopia</i> sp.		P	Insecta	Diptera	Chironomidae
91854	<i>Labrundinia</i> sp.	4	P	Insecta	Diptera	Chironomidae
92678	<i>Larsia</i> sp.	6	P	Insecta	Diptera	Chironomidae
92610	<i>Meropelopia</i> sp.	6	P	Insecta	Diptera	Chironomidae

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92843	<i>Monopelopia</i> sp.	6	P	Insecta	Diptera	Chironomidae
92501	<i>Pentaneura</i> sp.	5	CG/P	Insecta	Diptera	Chironomidae
92496	<i>Nilotanytus</i> sp.	4	P	Insecta	Diptera	Chironomidae
92455	<i>Rheopelopia</i> sp.	6	P	Insecta	Diptera	Chironomidae
92637	<i>Telopelopia</i> sp.	6	P	Insecta	Diptera	Chironomidae
90976	<i>Thienemannimyia</i> sp.	6	P	Insecta	Diptera	Chironomidae
91778	Tribe: Procladiini		P/CG	Insecta	Diptera	Chironomidae
91864	<i>Djalmabatista</i> sp.	6	P	Insecta	Diptera	Chironomidae
92495	<i>Procladius</i> sp.	9	CG/P	Insecta	Diptera	Chironomidae
91780	Tribe: Tanypodini		P	Insecta	Diptera	Chironomidae
92493	<i>Tanytus</i> sp.	10	CG/P	Insecta	Diptera	Chironomidae
<b>92474</b>		<b>5</b>	<b>CG/P</b>	<b>Insecta</b>	<b>Diptera</b>	<b>Ceratopogonidae</b>
91008	<i>Alluaudomyia</i> sp.	5	P	Insecta	Diptera	Ceratopogonidae
92477	<i>Atrichopogon</i> sp.	4	CG/P	Insecta	Diptera	Ceratopogonidae
92478	<i>Bezzia</i> sp.	7	P	Insecta	Diptera	Ceratopogonidae
92475	<i>Ceratopogon</i> sp.		P	Insecta	Diptera	Ceratopogonidae
92480	<i>Culicoides</i> sp.	7	CG/P	Insecta	Diptera	Ceratopogonidae
92481	<i>Dasyhelea</i> sp.	5	CG/SCR	Insecta	Diptera	Ceratopogonidae
92369	<i>Forcipomyia</i> sp.	6	CG/SCR	Insecta	Diptera	Ceratopogonidae
92487	<i>Mallochohelea</i> sp.	6	P	Insecta	Diptera	Ceratopogonidae
92483	<i>Palpomyia</i> sp.	6	CG/P	Insecta	Diptera	Ceratopogonidae
92486	<i>Probezzia</i> sp.	6	P	Insecta	Diptera	Ceratopogonidae
92840	<i>Serromyia</i> sp.		P	Insecta	Diptera	Ceratopogonidae
92367	<i>Sphaeromyias</i> sp.	5	P/CG	Insecta	Diptera	Ceratopogonidae
92488	<i>Stilobezzia</i> sp.	5	P	Insecta	Diptera	Ceratopogonidae
<b>91781</b>			<b>CG</b>	<b>Insecta</b>	<b>Diptera</b>	<b>Ptychopteridae</b>

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92603	<i>Bittacomorpha</i> sp.	8	CG	Insecta	Diptera	Ptychopteridae
91853	<i>Ptychoptera</i> sp.	8	CG/SHR	Insecta	Diptera	Ptychopteridae
<b>92673</b>			<b>P</b>	<b>Insecta</b>	<b>Diptera</b>	<b>Dolichopodidae</b>
92674	<i>Hydrophorus</i> sp.	10	P	Insecta	Diptera	Dolichopodidae
<b>92442</b>		<b>8</b>	<b>CG/FC</b>	<b>Insecta</b>	<b>Diptera</b>	<b>Culicidae</b>
92445	<i>Anopheles</i> sp.	9	FC	Insecta	Diptera	Culicidae
92453	<i>Culex</i> sp.	8	FC	Insecta	Diptera	Culicidae
91783	<i>Culiseta</i> sp.		CG/FC	Insecta	Diptera	Culicidae
92443	<i>Aedes</i> sp.	8	CG/FC	Insecta	Diptera	Culicidae
91784	<i>Uranotaenia</i> sp.		CG/FC	Insecta	Diptera	Culicidae
<b>92682</b>			<b>P</b>	<b>Insecta</b>	<b>Diptera</b>	<b>Chaoboridae</b>
92447	<i>Chaoborus</i> sp.	4	P	Insecta	Diptera	Chaoboridae
<b>92593</b>			<b>FC</b>	<b>Insecta</b>	<b>Diptera</b>	<b>Simuliidae</b>
92564	<i>Cnephia</i> sp.	4	FC	Insecta	Diptera	Simuliidae
92385	<i>Prosimulium</i> sp.	2	FC	Insecta	Diptera	Simuliidae
92596	<i>Simulium</i> sp.	4	FC	Insecta	Diptera	Simuliidae
<b>92420</b>		<b>3</b>	<b>SHR/CG</b>	<b>Insecta</b>	<b>Diptera</b>	<b>Tipulidae</b>
92421	<i>Antocha</i> sp.	5	CG	Insecta	Diptera	Tipulidae
92424	<i>Erioptera</i> sp.	3	CG	Insecta	Diptera	Tipulidae
92425	<i>Helius</i> sp.	3	CG/P/SHR	Insecta	Diptera	Tipulidae
92747	<i>Cryptolabis</i> sp.	3	CG/SHR	Insecta	Diptera	Tipulidae
91787	<i>Dicranota</i> sp.	2	P	Insecta	Diptera	Tipulidae
92427	<i>Hexatoma</i> sp.	4	P	Insecta	Diptera	Tipulidae
92432	<i>Geranomyia</i> sp.	4	P	Insecta	Diptera	Tipulidae
92428	<i>Limnophila</i> sp.	4	P	Insecta	Diptera	Tipulidae
92430	<i>Limonia</i> sp.	4	P	Insecta	Diptera	Tipulidae

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91852	<i>Lipsothrix</i> sp.	3	SHR	Insecta	Diptera	Tipulidae
92435	<i>Ormosia</i> sp.	3	CG	Insecta	Diptera	Tipulidae
92433	<i>Pedicia</i> sp.		P	Insecta	Diptera	Tipulidae
92439	<i>Pseudolimnophila</i> sp.	7	CG/P/SHR	Insecta	Diptera	Tipulidae
92440	<i>Tipula</i> sp.	8	CG/SHR	Insecta	Diptera	Tipulidae
<b>92602</b>			<b>CG</b>	<b>Insecta</b>	<b>Diptera</b>	<b>Dixidae</b>
92708	<i>Dixella</i> sp.	8	CG/SHR	Insecta	Diptera	Dixidae
<b>92656</b>			<b>P</b>	<b>Insecta</b>	<b>Diptera</b>	<b>Athericidae</b>
92625	<i>Atherix</i> sp.	2	P	Insecta	Diptera	Athericidae
92705	<i>Suragina</i> sp.		P	Insecta	Diptera	Athericidae
<b>92618</b>			<b>P</b>	<b>Insecta</b>	<b>Diptera</b>	<b>Tabanidae</b>
92722	<i>Chlorotabanus</i> sp.		P	Insecta	Diptera	Tabanidae
92619	<i>Chrysops</i> sp.	7	P	Insecta	Diptera	Tabanidae
91795	<i>Haematopota</i> sp.		P	Insecta	Diptera	Tabanidae
92719	<i>Silvius</i> sp.		P	Insecta	Diptera	Tabanidae
92622	<i>Tabanus</i> sp.	7	P	Insecta	Diptera	Tabanidae
<b>92638</b>			<b>CG</b>	<b>Insecta</b>	<b>Diptera</b>	<b>Ephydriidae</b>
91797	<i>Hydrellia</i> sp.		SHR	Insecta	Diptera	Ephydriidae
91851	<i>Ochthera</i> sp.	8	P	Insecta	Diptera	Ephydriidae
<b>92630</b>			<b>CG</b>	<b>Insecta</b>	<b>Diptera</b>	<b>Syrphidae</b>
<b>92627</b>		<b>8</b>	<b>P</b>	<b>Insecta</b>	<b>Diptera</b>	<b>Empididae</b>
92628	<i>Hemerodromia</i> sp.	6	P	Insecta	Diptera	Empididae
<b>92467</b>			<b>CG</b>	<b>Insecta</b>	<b>Diptera</b>	<b>Psychodidae</b>
92470	<i>Pericoma</i> sp.	10	CG	Insecta	Diptera	Psychodidae
<b>92608</b>			<b>CG</b>	<b>Insecta</b>	<b>Diptera</b>	<b>Stratiomyidae</b>
92710	<i>Caloparyphus</i> sp.	10	CG/SCR	Insecta	Diptera	Stratiomyidae

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92609	<i>Euparyphus</i> sp.	10	CG/SCR	Insecta	Diptera	Stratiomyidae
92690	<i>Myxosargus</i> sp.		CG	Insecta	Diptera	Stratiomyidae
92611	<i>Nemotelus</i> sp.		CG	Insecta	Diptera	Stratiomyidae
92613	<i>Odontomyia</i> sp.	7	CG	Insecta	Diptera	Stratiomyidae
92715	<i>Stratiomys</i> sp.		CG	Insecta	Diptera	Stratiomyidae
<b>91530</b>			<b>CG</b>	<b>Insecta</b>	<b>Collembola</b>	
91839	<i>Ellipes</i> sp.		SHR	Insecta	Orthoptera	Tridactylidae
<b>91238</b>		<b>4</b>	<b>SHR</b>	<b>Malacostraca</b>	<b>Amphipoda</b>	
91260	<i>Crangonyx</i> sp.	8	CG/SHR	Malacostraca	Amphipoda	Crangonyctidae
91265	<i>Gammarus</i> sp.	3	CG/SHR	Malacostraca	Amphipoda	Gammaridae
91267	<i>Gammarus lacustris</i>	4	CG/SHR	Malacostraca	Amphipoda	Gammaridae
91237	<i>Hyaella</i> sp.	8	CG/SHR	Malacostraca	Amphipoda	Hyaellidae
91241	<i>Hyaella azteca</i>	8	CG/SHR	Malacostraca	Amphipoda	Hyaellidae
<b>91183</b>			<b>CG</b>	<b>Malacostraca</b>	<b>Isopoda</b>	
<b>91195</b>		<b>8</b>	<b>CG/SHR</b>	<b>Malacostraca</b>	<b>Isopoda</b>	<b>Sphaeromatidae</b>
91224	<i>Asellus</i> sp.	9	CG/SHR	Malacostraca	Isopoda	Asellidae
91222	<i>Caecidotea</i> sp.	8	CG/SHR	Malacostraca	Isopoda	Asellidae
91227	<i>Lirceus</i> sp.	8	CG/SHR	Malacostraca	Isopoda	Asellidae
<b>91388</b>		<b>4</b>	<b>CG</b>	<b>Malacostraca</b>	<b>Decapoda</b>	<b>Palaemonidae</b>
91397	<i>Palaemonetes</i> sp.	4	CG	Malacostraca	Decapoda	Palaemonidae
91400	<i>Palaemonetes kadiakensis</i>	4	CG	Malacostraca	Decapoda	Palaemonidae
91401	<i>Palaemonetes paludosus</i>	4	CG	Malacostraca	Decapoda	Palaemonidae
91392	<i>Macrobrachium</i> sp.	4	CG	Malacostraca	Decapoda	Palaemonidae
<b>91416</b>		<b>4</b>	<b>CG</b>	<b>Malacostraca</b>	<b>Decapoda</b>	<b>Astacidae</b>
<b>91409</b>		<b>5</b>	<b>CG</b>	<b>Malacostraca</b>	<b>Decapoda</b>	<b>Cambaridae</b>
91419	<i>Cambarellus</i> sp.	5	CG	Malacostraca	Decapoda	Cambaridae

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91423	<i>Cambarus</i> sp.	8	CG	Malacostraca	Decapoda	Cambaridae
91799	<i>Faxonella</i> sp.	5	CG	Malacostraca	Decapoda	Cambaridae
91428	<i>Orconectes</i> sp.	3	CG	Malacostraca	Decapoda	Cambaridae
91433	<i>Procambarus</i> sp.	9	CG	Malacostraca	Decapoda	Cambaridae
<b>92977</b>		<b>8</b>	<b>FC</b>	<b>Bivalvia</b>	<b>Unionoida</b>	<b>Unionidae</b>
92998	<i>Lampsilis</i> sp.	9	FC	Bivalvia	Unionoida	Unionidae
93037	<i>Corbicula fluminea</i>	6	FC	<b>Bivalvia</b>	<b>Veneroida</b>	<b>Corbiculidae</b>
<b>93024</b>		<b>8</b>	<b>FC</b>	<b>Bivalvia</b>	<b>Veneroida</b>	<b>Sphaeriidae (Pisidiidae)</b>
93032	<i>Sphaerium</i> sp.	5	FC	Bivalvia	Veneroida	Pisidiidae
93030	<i>Pisidium</i> sp.	7	FC	Bivalvia	Veneroida	Pisidiidae
93028	<i>Musculium</i> sp.	7	FC	Bivalvia	Veneroida	Pisidiidae
93026	<i>Eupera cubensis</i>		FC	Bivalvia	Veneroida	Pisidiidae
<b>92876</b>		<b>7</b>	<b>SCR</b>	<b>Gastropoda</b>	<b>Basommatophora</b>	<b>Lymnaeidae</b>
92748	<i>Fossaria</i> sp.	6	SCR	Gastropoda	Basommatophora	Lymnaeidae
92877	<i>Lymnaea</i> sp.	3	SCR	Gastropoda	Basommatophora	Lymnaeidae
92879	<i>Pseudosuccinea</i> sp.	7	SCR	Gastropoda	Basommatophora	Lymnaeidae
92894	<i>Pseudosuccinea columella</i>	7	SCR	Gastropoda	Basommatophora	Lymnaeidae
92920	<i>Stagnicola</i> sp.	7	SCR	Gastropoda	Basommatophora	Lymnaeidae
<b>92899</b>		<b>6</b>	<b>SCR</b>	<b>Gastropoda</b>	<b>Basommatophora</b>	<b>Ancylidae</b>
92900	<i>Ferrissia</i> sp.	7	SCR	Gastropoda	Basommatophora	Ancylidae
92905	<i>Ferrissia rivularis</i>	7	SCR	Gastropoda	Basommatophora	Ancylidae
92915	<i>Hebetancylus excentricus</i>	7	SCR	Gastropoda	Basommatophora	Ancylidae
92769	<i>Laevapex fuscus</i>		SCR	Gastropoda	Basommatophora	Ancylidae
<b>92881</b>		<b>7</b>	<b>SCR</b>	<b>Gastropoda</b>	<b>Basommatophora</b>	<b>Planorbidae</b>
92885	<i>Gyraulus</i> sp.	8	SCR	Gastropoda	Basommatophora	Planorbidae
92887	<i>Helisoma</i> sp.	7	SCR	Gastropoda	Basommatophora	Planorbidae

Aquatic macroinvertebrates commonly collected in Texas streams. Shaded cells indicate tolerance values and/or functional classification taken from higher taxonomic levels.

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For different feeding habits for larvae and adults: **L** = larvae; **A** = Adult

Parameter Code	Genus or Species	Tolerance Value	Functional Group	Class	Order	Family
92889	<i>Menetus</i> sp.		SCR	Gastropoda	Basommatophora	Planorbidae
92922	<i>Menetus dilatatus</i>	7	SCR	Gastropoda	Basommatophora	Planorbidae
91503	<i>Biomphalaria</i> sp.	7	SCR	Gastropoda	Basommatophora	Planorbidae
92892	<i>Planorbella</i> sp.	6	SCR	Gastropoda	Basommatophora	Planorbidae
92891	<i>Planorbula</i> sp.	7	SCR	Gastropoda	Basommatophora	Planorbidae
<b>92871</b>		<b>9</b>	<b>SCR</b>	<b>Gastropoda</b>	<b>Basommatophora</b>	<b>Physidae</b>
92874	<i>Physa</i> sp.	9	SCR	Gastropoda	Basommatophora	Physidae
91809	<i>Physella</i> sp.		SCR	Gastropoda	Basommatophora	Physidae
<b>92783</b>		<b>7</b>	<b>SCR</b>	<b>Gastropoda</b>	<b>Neotaenioglossa</b>	<b>Hydrobiidae</b>
92763	<i>Amnicola</i> sp.	5	SCR	Gastropoda	Neotaenioglossa	Hydrobiidae
92791	<i>Cincinnatia cincinnatiensis</i>	7	SCR	Gastropoda	Neotaenioglossa	Hydrobiidae
92767	<i>Cochliopina riograndensis</i>		SCR	Gastropoda	Neotaenioglossa	Hydrobiidae
91800	<i>Pyrgophorus</i> sp.	7	SCR	Gastropoda	Neotaenioglossa	Hydrobiidae
91801	<i>Pyrgulopsis</i> sp.	5	SCR	Gastropoda	Neotaenioglossa	Hydrobiidae
92779	<i>Somatogyrus</i> sp.		SCR	Gastropoda	Neotaenioglossa	Hydrobiidae
<b>92777</b>			<b>SCR</b>	<b>Gastropoda</b>	<b>Neotaenioglossa</b>	<b>Pleuroceridae</b>
92780	<i>Elimia</i> sp.	2.5	SCR	Gastropoda	Neotaenioglossa	Pleuroceridae
92795	<i>Leptoxis</i> sp.	2	SCR	Gastropoda	Neotaenioglossa	Pleuroceridae
<b>91802</b>			<b>SCR</b>	<b>Gastropoda</b>	<b>Neotaenioglossa</b>	<b>Thiaridae</b>
92898	<i>Melanoides tuberculata</i>		SCR	Gastropoda	Neotaenioglossa	Thiaridae
<b>92759</b>			<b>SCR</b>	<b>Gastropoda</b>	<b>Heterostropha</b>	<b>Valvatidae</b>
92760	<i>Valvata</i> sp.	2	SCR	Gastropoda	Heterostropha	Valvatidae
<b>92754</b>			<b>SCR</b>	<b>Gastropoda</b>	<b>Architaenioglossa</b>	<b>Viviparidae</b>
92756	<i>Campeloma</i> sp.	7	SCR	Gastropoda	Architaenioglossa	Viviparidae
92757	<i>Viviparus</i> sp.	1	SCR	Gastropoda	Architaenioglossa	Viviparidae
<b>91114</b>			<b>FC</b>	<b>Branchiopoda</b>	<b>Suborder Cladocera</b>	

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Parameter Code	Genus or Species	Tolerance Value	Functional Group	Class	Order	Family
<b>91119</b>			<b>CG</b>	<b>Maxillopoda</b>	<b>Subclass Copepoda</b>	
<b>91056</b>		<b>8</b>	<b>CG</b>	<b>Ostracoda</b>		
<b>91525</b>		<b>6</b>	<b>P</b>	<b>Arachnida (subclass Acari)</b>	<b>Trombidiformes</b>	<b>Hydracarina (Hydrachnidia)</b>
<b>91803</b>			<b>P</b>	<b>Arachnida</b>	<b>Trombidiformes</b>	<b>Rhynchohydracaridae</b>
91559	<i>Clathrosperchon sp.</i>	8	P	Arachnida	Trombidiformes	Rhynchohydracaridae
<b>90913</b>		<b>8</b>	<b>P</b>	<b>Hirudinea</b>		
<b>90383</b>		<b>10</b>	<b>P</b>	<b>Clitellata</b>	<b>Branchiobdellida</b>	<b>Branchiobdellidae</b>
90386	<i>Branchiobdella sp.</i>	7	P	Clitellata	Branchiobdellida	Branchiobdellidae
<b>90914</b>			<b>P</b>	<b>Clitellata</b>	<b>Hirudinida</b>	<b>Glossiphoniidae</b>
91805	<i>Gloiobdella sp.</i>	8	P	Clitellata	Hirudinida	Glossiphoniidae
90921	<i>Helobdella sp.</i>	6	P	Clitellata	Hirudinida	Glossiphoniidae
90931	<i>Placobdella sp.</i>	6	P	Clitellata	Hirudinida	Glossiphoniidae
<b>90966</b>			<b>P</b>	<b>Clitellata</b>	<b>Hirudinida</b>	<b>Erpobdellidae</b>
90967	<i>Erpobdella sp.</i>	8	P	Clitellata	Hirudinida	Erpobdellidae
93095	<i>Mooreobdella sp.</i>	8	P	Clitellata	Hirudinida	Erpobdellidae
<b>90382</b>		<b>8</b>	<b>CG</b>	<b>Oligochaeta (Clitellata)</b>		
<b>90072</b>			<b>P</b>	<b>Turbellaria</b>		
<b>91807</b>			<b>P</b>	<b>Trepaxonemata</b>	<b>Neoophora</b>	<b>Dugesidae</b>
91808	<i>Cura sp.</i>		P	Trepaxonemata	Neoophora	Dugesidae
90075	<i>Dugesia sp.</i>	7.5	P	Trepaxonemata	Neoophora	Dugesidae
<b>90196</b>		<b>5</b>	<b>P</b>	<b>Phylum Nematoda</b>		
<b>90290</b>		<b>5</b>	<b>P</b>	<b>Phylum Nemertea</b>		
90179	<i>Prostoma sp.</i>	7	P	Enopla	Hoplonemertea	Tetrastemmatidae
<b>90291</b>			<b>P</b>	<b>Phylum: Nematomorpha</b>		